VISUAL DEVELOPMENT FOR "GUARDIANS" 2DANIMATION

MS. VIPAVEE JANTRASET

VISUAL DEVELOPMENT "GUARDIANS"

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**THIS REPORT IS PART OF THE REQUIREMENT TO FULFILL
CGI 4223 ARTS THESIS I AND CGI 4225 ARTS THESIS II
DEPARTMENT OF COMPUTER GENERATED IMAGERY
ALBERT LAURENCE SCHOOL OF COMMUNICATION ARTS
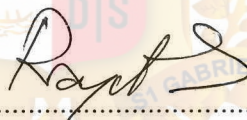ASSUMPTION UNIVERSITY
2018**

I

II

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III

ABSTRACT

This project is a visual development that has the main objective in creating a story of the Japanese apple rabbit. The concept art of this project is under the Japanese and Neon theme. The entire story is about a girl who is born with a bad luck and is hated by all villagers even her own father. One day, she meets a true friend in the form of an apple rabbit and begins to explore the spirit world together. However, due to many circumstances she had to protect her village from bad monsters. In the end her best friend, the apple rabbit sacrifices itself to save the village and become the village's god. The main idea of this project is to answer all the questions of apple rabbit's backgrounds. This project wills gives a mysterious and dramatic story behind the apple rabbit or "usagi ringo" that we have seen in most of the Japanese movies and anime.

Since this is a visual development project, designs for characters, props, vehicles and environments sure take a big role in references. There are four main keywords in this project, which are Apple rabbit, Spirit World, Heian era and Japanese Yokai. These keywords will help the audiences to clearly understand more in terms of the overall designs, background story and believes.

Keywords : Apple Rabbit, Spirit World, Heian Era and Japanese Yokai

ACKNOWLEDGEMENT

CHAPTER 1
INTRODUCTION

1. Background and Significant

I have seen apple rabbits in many of Japanese movies, anime and comics from time to time and wonder why do Japanese people make apples into that form. The shape of it is very interesting and unique for me and I thought that its shape might came from some mysterious or amazing background story behind it, so I tried to design a character based on it. Then during my second year at university there was a class called Story telling, which let students created their own story and I was very interested in apple rabbit at that time so I created a short story that has an apple rabbit as a main character. However, during the research I found only the step of making it and there was no story background like I thought, the only reason in creating it into a rabbit shape was all because it is easiest way to make and it looks cute. After that, I thought that it would be very interesting to give something's mysterious story like other Japanese fairy tales, and then I did more researches and developed the story with teacher and classmates. However, this story has developed a lot during that class.

Originally, I tried to twist the believes of the apple rabbit in to an apple fox, because I have seen fox god in most of the Japanese temples and stories. But after many researches and in logical terms, I found that fox is in a high position where many   Japanese people respect them, so I tried not to twist it that much by creating my own rabbit god who sacrificed itself to save the girl's village. Then I found that rabbit also consider as a god who sacrificed it self to help others just like my story, so I picked this believe to relate with my story. Plus, at first I decided to give the girl who is the main character in this story a lonely and pessimistic person, however I thought that even if the main character has this personality the story will totally be boring and not interesting. So I came up with an Optimistic and playful girl instead, which brighten this story a lot.

Since I have always been wanted to create stories like fairy tales that people in any age, gender can enjoy and understand, I picked a Japanese believe that any one can access which can leave some small messages to the audiences like giving without expecting anything in return and sacrificed one's self for others. Moreover, the entire story is talking about friendship between two different beings, ages and genders, which can lead people from different places, open their minds.

The problems to be concerned in this project seem to be very challenging for me. Mostly, in dealing with the Japanese history and believes. Where they have many kinds of monsters and spirits stories to observe and make it believable. Many problems go to the designs of props and environment in the spirit world where I mix Heian Japanese style together with under water world. Which was difficult for me to understand and come up with the final references. Some deal with the technical problems, for example my poor perspectives skills where I used Autodesk Maya to solve by guiding me the correct view.

And some new techniques like projection for 3D animation that I adapt it into my 2D animation which was very challenging.

This project is very challenging for me in many ways, like old Japanese painting style, neon color world and time management. Anyway, I think I grow up and gain plenty of experiences from my mistakes in this project that would probably help me in the future. Lastly, I hope that the audiences would get my messages that I pass trough this project and have fun with it.

2. Study Objective

Since I love works in animation field, even in my free time, character design and 2D animation are something that that I have been always practiced and have been interested in. When it comes to this project I have so much fun during processes from the very start like character designing to animating. Where every things that I created need to be going along with the overall environment, theme and logically explainable. At the same time, these processes help me to improve my skills in many ways and had dragged me out off my comfort zone for many times.

Also, it was very difficult and challenging for me in creating a fairy tale like story for all ages of people. So I decided to put many kinds of love stories that anyone can relate like the love between friends, parents and child that would help the audients look back their relationship between their beloved ones. Plus, I think that the loss of beloved people or feelings make people become stronger and even mature, so I put this though into this story as well for the better communication and understanding.

Moreover, ever since I was a child and start to love drawing, I dreamt to see my characters become alive and appear on the screen. I have set a small goal in my heart since that time. Then I was keeping on practicing and improving my skills in many ways like, drawing painting and even animating to reach my dream. And this project is the biggest step in my life that I have ever experienced to get closer to my dream. It helps me practicing more and more and gains a lot of skills but I know that that wouldn't be enough and keep telling my self to continue practicing more.

I also would like to give people some morals and thoughts behind this story especially the thought of people who are born with weird looks and appearance. Because I feel like it is not their fault that they are born that way, for example the black cats that are believed as a sign of bad luck or even death. I want to reduce those thought and want my audients to understand the reality and open their minds that everything are born with its own identity and appearance that might not be always concern with the personality of that thing.

1. Study Process

There are three main subjects that support my study process, which are Japanese Heian Era, Japanese Yokai, and 2D animation techniques.

As I have mentioned before that this project are set in the Japanese Heian Era, I have done a lot of researches because this era was back into almost a thousand years ago. I need to study the whole thing about this period like the basic history, the architectures for both houses and temple, the occupation of villagers at that time, the clothes that they wore, vehicles that they used, their lifestyle and even believes. And the village that appears in this project are basically based on the references I got from that period, and since this village is a rich village that is controlled by a monster, I had to re design the normal village at that time to looks more modern and even combined the temple elements and floor plan to the houses in the village. Also I need to study about the design of Japanese monster elements that would express the sensory of myth of the village in Japanese style. Plus one of the uniqueness in this era is the kimono style in this period which also known as Junihitoe. It is a formal and highly complex kimono that were worn only by court-ladies and members of the Imperial House of Japan, which contain about 12 layers of clothes and I play with that idea and adapt it into this story. So that people will get the idea and period easier than look at other elements.

Since this story has Japanese Yokai plays the main role, I have to research and study about them deeper to create a correct personality that appeared in the Japanese believes. I also create many new kinds of Yokai that didn't appear in their believes but I created it to support my environments and story theme such as turtles and sea slugs that only appear in the sea, become ones of the Yokai in this story.

I also study more about the process of creating animation via many medias such as Youtube, Instagram and Facebook. First of all, there are many new techniques that I got from Instagram artists who work in big companies, like exaggerate the key frame, bounce-in, bounce-out and the timing that would help me to improve my animation skills. Plus, they use many new ways and technique that seems to be easier than what I have study in class, so I adapt those idea with my knowledge. I also get many new painting techniques from Youtube where some artists use tools in Adobe Photoshop that I have never tried before, and it seems to be easier and faster than what I have done. Lastly, I got many inspiration and new point of view from those artists who lead me to try harder with the designs and creativities. Moreover, I even found a new way in drawing the perspective correctly in a very fast way which save so much time by modeling the scene that I want in Autodesk Maya then set a camera and move it to the angle that I want then render that scene out and paint it over in painting program.

4. Scope of Study

4.1 2D animation: Thesis 1

-4 Character Designs
Per Characters:
12 thumbnails
5 colored thumbnails
1 finalized design
5 angle Turn around
5 poses
1 finalized design

-5 Environment Design
Per scene:
10 thumbnails
3 colorized thumbnails
1 finalized design

-2 Vehicle Design

Per Vehicle:
10 thumbnails
5 colorized thumbnails
1 finalized design

-5 Prop Design
Per Prop:
10 thumbnails
5 colorized thumbnails
1 finalized design

Color Script

Story Board for Trailer

4.2 2D animation: Thesis II

-1 Animatic Trailer Animation
-1 Poster

5. Expected Results

Since this is my first time experience in creating my own animation by my self with a long period of time. There are two main expected results that I have thought about. Firstly, I was very excited and quite aim my goal higher than class assignments where I had only two or three months to finish and push myself into it a lot to get a high quality of work in both animation and designing processes.

Secondly, I wish to see the audients react to my animation trailer, like how will they feel after they watch it and will they want to know more about the story or will they asking for the full animation. Moreover, I expect to impress the audients with the first time watching the animation trailer and hope they like this project. Same as the design of characters, props and environment, I would like to know their comments and reaction.

CHAPTER2
LITURATURE REVIEW AND TECHNICAL REVIEW

Literature Review

1. Apple Rabbit

(The Apple rabbit, https://www.thespruceeats.com/how-to-make-apple-rabbits-2031070)

In this project, two of the main characters, are inspired from an Apple Rabbit, which one of them is the rabbit god that fully takes the whole designs from it and the another one, the girl called Usami takes only some elements from it. The Apple Rabbit play the biggest role in this project.

Apple rabbit, apple bunny or also known as "Usagi Ringo" in Japanese, is made from apple slices with its peel cut to resemble cute rabbit ears. It is one of Japanese cultural heritages that they have been inherited for ages in their country from generation to generations. Mostly made for kid's Bento Decorations and snacks.

And for your better under standing here are the steps in making Apple Rabbits.

1. Cut the apple into wedges

(The apple slices, https://www.thespruceeats.com/how-to-make-apple-rabbits-2031070

2. Cut the core out of each apple wedge.

(The cut apple wedges, https://www.thespruceeats.com/how-to-make-apple-rabbits-2031070)

3. Carefully score the apple skin with a knife in an inverted V shape.

(The scored apple skin, https://www.thespruceeats.com/how-to-make-apple-rabbits-2031070
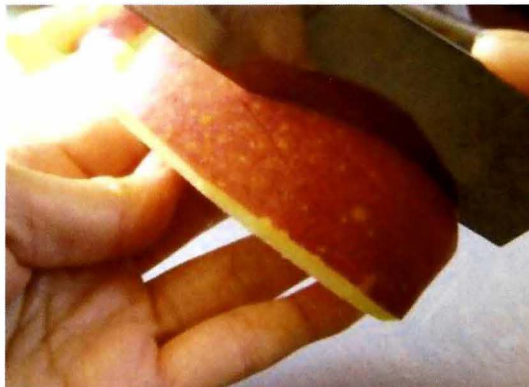
4. Insert the Knife Under the Apple Skin and carefully move the blade to a little over the edge of the inverted V shape.

(The removed apple skin, https://www.thespruceeats.com/how-to-make-apple-rabbits-2031070)

5. Remove the Triangle section of apple skin. Soak apple rabbits in salt water for a few minutes to prevent them from browning.

(The removed apple's section, https://www.thespruceeats.com/how-to-make-apple-rabbits-2031070)

6. Serve apple rabbits for dessert or pack them in bento lunch boxes.

(The ready served apple rabbits, https://www.thespruceeats.com/how-to-make-apple-rabbits-2031070

As I have mentioned above, two of my main characters, Usami and the Rabbit god are inspired from the Apple rabbit. Firstly, I would like to talk about the Rabbit god who takes fully inspiration from the Apple rabbit such as his mask, color, shape, and the overall appearance that represent the apple rabbit. So basically his pantone colors are only red and white same as the Apple Rabbit and I add some of golden color to remind the image of god and powerful impact. Plus, I also add a red V-shape of the Apple Rabbit into his cloth as well as giving him red rabbit ears with bright white hair and red eyes. His overall body are mostly in white color like a white rabbit with red eyes and ears. Moreover, when he possessed into an object, he chose the Apple Rabbit and that makes sense for his appearance.

Since the Rabbit god gave Usami's mother his wishes during she was pregnant, Usami appearance is quite similar to him. She has bright white hair and one side of her eyes is red and another side is white, to show that she is not the real monster just a half of it. Her clothes and appearance when she goes to the spirit world are changed due to the power in that world, her red rabbit ears will pop up and her clothes will turn into white and red.

2. The Spirit World

The Spirit World is one of the main places in this project where most of the story takes place.

"The spirit world, according to spiritualism, is the world or realm inhabited by spirits, both good and evil of various spiritual manifestations. Whereas religion regards an inner life, the spirit world is regarded as an external environment for spirits. Although independent from the natural world, both the spirit world and the natural world are in constant interaction. Through medium ship, these worlds can consciously communicate with each other. The spirit world is sometimes described by mediums from the natural world in trance." There are some references to spirit world where both good and evil live together.
(From the website, Wikipedia: Spirit World
https://en.wikipedia.org/wiki/Spirit_world_(Spiritualism))

"Yūrei (幽霊) are figures in Japanese folklore, analogous to Western legend of ghosts. The name consists of two kanji, 幽 (yū), meaning "faint" or "dim" and 霊 (rei), meaning "soul" or "spirit". Alternative names include 亡霊 (Bōrei), meaning ruined or departed spirit, 死霊 (Shiryō) meaning dead spirit, or the more encompassing 妖怪 (Yōkai) or お化け (Obake).

Like their Chinese and Western counterparts, they are thought to be spirits kept from a peaceful afterlife" There are some references in Japanese Yurei or spirit world or also known as the peaceful place after life.

(From the website, Wikipedia: Yūrei https://en.wikipedia.org/wiki/Y%C5%ABrei)

According to above articles, the spirit world in this project may close to the description of Spirit World in Spiritualism more than the Spirit world of Japanese believes.

However, most of the designs of Spirit World in this project take both inspirations from Japanese spirit world and architectures, combine with under water theme and elements.

In this project, I want to combine two themes together in one place, which are Japanese Spirit World and the Under Water World. Where most of the architecture in this place are in Japanese Style and decorate with sea plants and elements. The Japanese architectures that I use in this project are inspired from many Japanese period both from before and after Heian Era, because in the Spirit World technology and evolution will go faster than the human world. Also some of the architectures in the spirit world are inspired from the sea creatures, like coral leaves and sea plants which some of them have strange appearance that reminds me shapes of architectures so I decided to use them as my inspiration.

Plus, the color palette that I use for the Spirit World is bright Neon colors. Where represent the colorfulness and joyful lives of living things that live in this place. It is more like a dreaming world that full of joy. Since this is the place where the main characters make new friends, I would like to use the very bright and friendly color for this place.

However, this world is separated into two parts, which are the city and outskirt. The city area is full of people all the time and the architecture there are new. The color palette in the city area will be in dark colorful and neon color, more like purple, blue and black with red lights from the Jellyfish lantern that shine brightly in the dark. At the same time when the character cross the "Spiritual Bridge" that connect these two areas together, the environment will suddenly turns into another place. The color will change into very bright neon like mostly in blue green and magenta colors.

3. Heian Period

Heian Period is the era where the entire story takes place. Where most of the designs of architectures, costumes and vehicles are inspired from this period. Also the main character's village is located in the middle of mountains that all of the architectures, houses and even their lifestyles are fully inspired from this period. Since this time was proved as the peak of Japanese literature and many spiritual believes came from this era, it suits best for my story to take place.

(Life in Heian, https://www.sutori.com/story/life-in-the-heian-period--h34byUKk69F8fm9sTwuPikvz)

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"The Heian period (平安時代 Heian jidai) is the last division of
classical Japanese history, running from 794 to 1185. The period is named after the capital
city of Heian-kyō, or modern Kyōto. It is the period in Japanese history
when Buddhism, Taoism and other Chinese influences were at their height. The Heian
period is also considered the peak of the Japanese imperial court and noted for its art,
especially poetry and literature. Although the Imperial House of Japan had power on the
surface, the real power was in the hands of the Fujiwara clan, a powerful aristocratic
family who had intermarried with the imperial family. Many emperors actually had mothers
from the Fujiwara family. *Heian* (平安) means "peace" in Japanese." There are some
references says that Heian period is considered as the peak of literature.

(From the website, Wikipedia: Heian
period https://en.wikipedia.org/wiki/Heian_period)

(Shinden-zukuri Estates architecture style, http://www.sengokudaimyo.com/shinden/Shinden.html)

Heian architecture for houses or Shiden-zukuri Estates style is the main inspiration of
the main character's house, which has its own uniqueness in terms of style and materials that
can be seen only in this period. Since the main character's father is the leader of this village,
the house needs to be very luxury and rich more than other villagers. Her father stay in the
main building in the center, which called "Shinden" and other cousins, live in the left and
right side of the house. However, as I have mentioned that she was banned from her father
and family, she had to stay in a small building at the right side of the picture, which always
use as a fishing room. And with that it will keep her away from others. And the main
character's house plan in this story are more similar with this picture below.

(Shinden Zkuri architecture style, https://en.wikipedia.org/wiki/Shinden-zukuri)

"The Shinden-zukuri is a style of architecture that flourished in the Heian period. This was the typical pattern of a noble's estate in the capital, and was doubtlessly duplicated in the provinces. It was marked by its main, central building which invariably faced south, and the secondary buildings surrounding and attached to it by a startling array of different types of covered corridors and bridges."

(From website, Sengokudaimyo: Shinden-sukuri
http://www.sengokudaimyo.com/shinden/Shinden.html)

4. Japanese Yokai

Japanese Yokai plays the biggest role in this project, since I am creating a story about the Apple rabbit that has a god or spirit inside, all of the main characters and other characters are inspired by Yokai.

"Yōkai (妖怪, ghost, phantom, strange apparition) are a class of supernatural monsters, spirits, and demons in Japanese folklore. The word yōkai is made up of the kanji for "bewitching; attractive; calamity"; and "specter; apparition; mystery; suspicious".[1] They can also be called ayakashi (あやかし), mononoke (物の怪), or mamono (魔物). Yōkai range diversely from the malevolent to the mischievous, or occasionally bring good fortune to those who encounter them.

Yōkai often possess animal features (such as the kappa, which looks similar to a turtle, or the Tengu which has wings), yet others appear mostly human. Some yōkai look like inanimate objects (such as tsukumogami), while others have no discernible shape.

Yōkai usually have spiritual or supernatural abilities, with shape shifting being the most common. Yōkai that shape shift are called bakemono (化物) / obake (お化け). Japanese folklorists and historians explain yōkai as personifications of "supernatural or unaccountable phenomena to their informants"."

(From website, Wikipedia https: Yokai //en.wikipedia.org/wiki/Y%C5%8Dkai)

According to this article, you can see that it mentioned about the Yokai in animal form where I adapt it to an object form that has an animal form inside to create some relation of the believes.

(Kuchisake-onna or Slit-Mouthed Woman, https://en.wikipedia.org/wiki/Kuchisake-onna)

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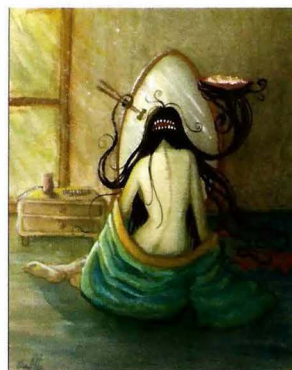
(Tanuki, Japanese Raccoon Dog, https://en.wikipedia.org/wiki/Japanese_raccoon_dog)

Moreover, based on Japanese Believe each Yokai has different unique appearance, power, personality and skills. For example, Tanuki who is one of the main characters in this story, it is a kind of animal that is really exists in Japan, which looks like raccoons. However, based on the Japanese believes, the Yokai Tanuki looks a bit different from the animal Tanuki, I found that most of the Japanese Tanuki's drawings represent a big, fat Tanuki that stands with its two legs and a unordinary size of testicle.

" The Japanese raccoon dog (Nyctereutes procyonoides viverrinus), also known as tanuki (狸 or たぬき, [ta⁺nɯki]) in Japanese, is a Subspecies of the Asian raccoon dog.

Researchers have suggested that they be considered a separate species, N. viverrinus, or that raccoon dogs of Japan could be further divisible into separate subspecies as N. p. procyonoides (hondo-tanuki) and N. p. albus (ezo-tanuki), but both views are controversial.

As the tanuki, the animal has been significant in Japanese folklore since ancient times. The legendary tanuki is reputed to be mischievous and jolly, a master of disguise and shapeshifting, but somewhat gullible and absentminded. It is also a common theme in Japanese art, especially statuary."

(Yokai Tanuki, https://en.wikipedia.org/wiki/Japanese_raccoon_dog)

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It is one of Yokai that can turn into human form or even objects and animals, because it wants to fool people and make them seem stupid.

"The tanuki has a long history in Japanese legend and folklore. Bake-danuki (化け狸) are a kind of tanuki yōkai (ghost) found in the classics and in the folklore and legends of various places in Japan.

Although the tanuki is a real, extant animal, the bake-danuki that appears in literature has always been depicted as a strange, even supernatural animal. The earliest appearance of the bake-danuki in literature, in the chapter about Empress Suiko in the Nihon Shoki written during the Nara period, there are such passages as "in two months of spring, there are tanuki in the country of Mutsu (春二月陸奥有狢),[8] they turn into humans and sing songs (化人以歌).".Bake-danuki subsequently appear in such classics as the Nihon Ryōiki and the Uji Shūi Monogatari. In some regions of Japan, bake-danuki are reputed to have abilities similar to those attributed to kitsune (foxes): they can shapeshift into other things, shapeshift people, and possess human beings.

The tanuki has a long history in Japanese legend and folklore. Bake-danuki (化け狸) are a kind of tanuki yōkai (ghost) found in the classics and in the folklore and legends of various places in Japan."

(From website: Wikipedia, https://en.wikipedia.org/wiki/Japanese_raccoon_dog)

In this story, I give Tanuki a role as one of the villains who transform itself into human and fools villagers and Usami's father that he is a diligent man who supports the village. But the truth is he uses his own power to create fake money and make the village become rich, at the same time he eats the villagers' souls as a return.


(Tengu, https://en.wikipedia.org/wiki/Tengu)

Moreover, there are many Yokai that become friends with the girl that also appear in the animation trailer in many scenes includes Rokurokubi or long necked woman and Kuchisake-onna or Slit-Mouthed Woman. Another important character who is the teacher

and was the spirit world's second best, Tengu. Tengu also known as a powerful worrier who good at fighting and teaching others.

5. The Art Styles References

There are many art styles that I use in this project. For the entire paintings in my art book I use 3D like style. Which I think is the best way to show the mood and details of the designs. So I use many Pixar and Disney's concept art books for my references.


(The Art of ratatouille, http://livlily.blogspot.com/2012/09/ratatouille-2007-concept-art.html)
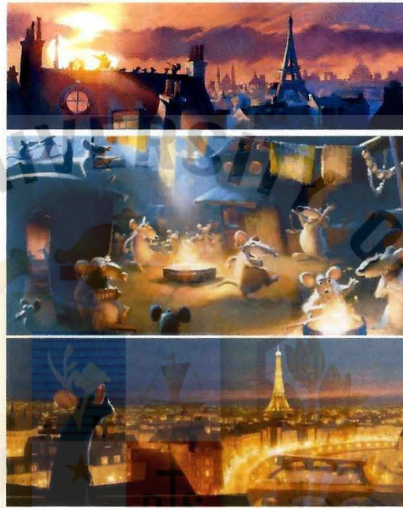
For the character style, I use of Hong SoonSang art style for my inspiration, which has the combination of both Western, and Japanese style in one. Plus his style can express the characters' feelings strongly and the way he designs characters cutely with some details in the hair part are suit with what I want to paint perfectly.
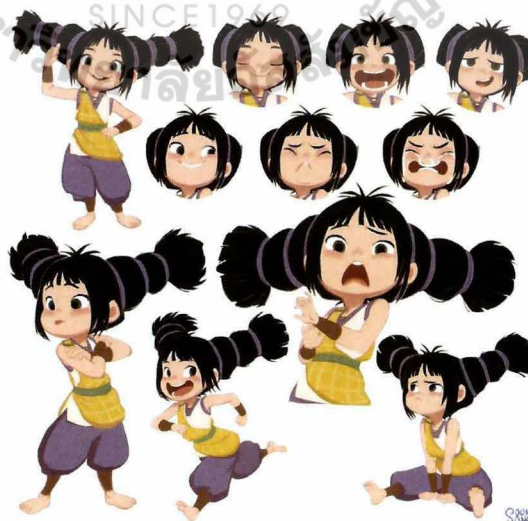
(The character art style by Hong SoonSang, https://www.artstation.com/artwork/aeGAX)

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For the environment and background in the animation style is ancient Japanese style, which has a strong brush expression with 2D like. However, I make it simpler and reduce brush size, so that the characters will stand out off the background more than the actual ancient Japanese style.

(The background style, https://www.sutori.com/story/ming-dynasty-heian-period-art)
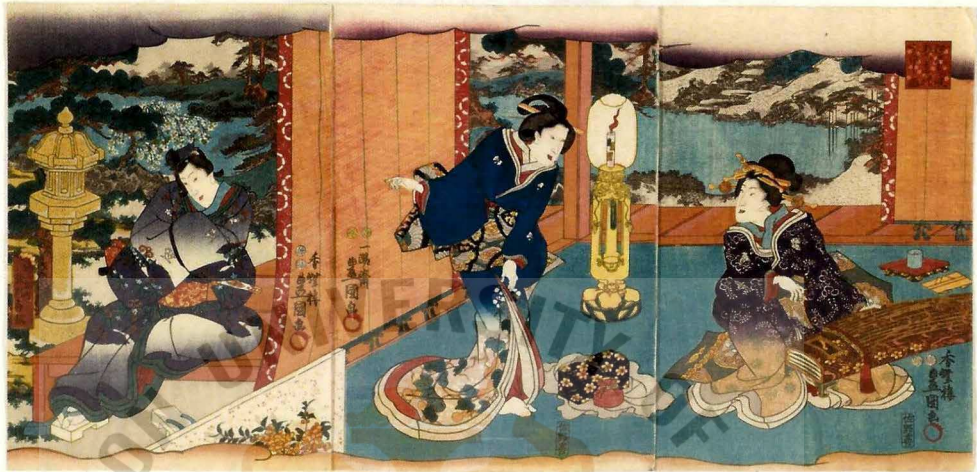
Lastly, one of the highlights of this project is the color. For the color or mood and tone references, I take the inspiration from both the actual color of sea animals that have colorful and bright colors and artworks of an artist known as Akiakane. Who has bright neon colors as the main color in most of his paintings that perfectly suit what I want for my project.

In the picture below, you will see that he mostly use neon colors in his work but at the same time he also uses the dark blue-green to decrease the saturation in some parts to lead our eyes to the neon color that are the main subject in the picture.

(Akiakane 's painting, https://twitter.com/_akiakane/status/930056218030116866)

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1. Camera Projection in Autodesk Maya
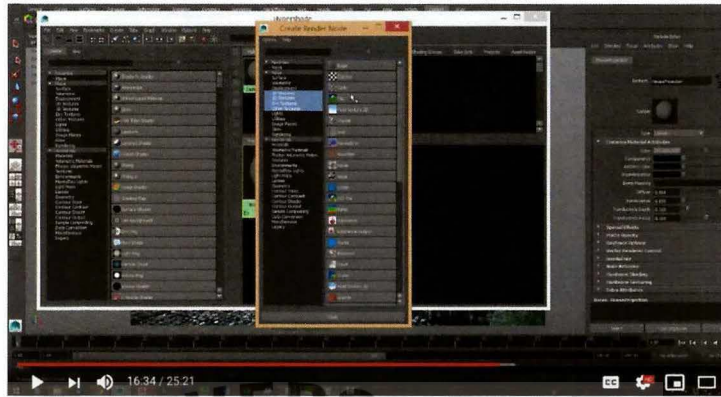

(The Camera Projection)

This technique of camera projection is one of the new techniques I get from Digital Painting for Visual Effect class. It is the technique that allows you to paint anything you want in a painting program then project your painting in each object in the models that you have created in Autodesk Maya with the set camera. It is very helpful for this project when I need to pan the camera, because the camera projection reduce a lot of works instead of draw the background frame by frame or 2.5 D matte painting. Plus, it can help me clearly differentiates the distance of each object in a scene. The image above is one of the results from this technique where the below images are the steps which I took from a Youtube channel called Johny Pope posted in February 2915, that explain clearly in his own way.

1. Create a model

(Step1, https://www.youtube.com/watch?v=Mzoh6cFcUFs)
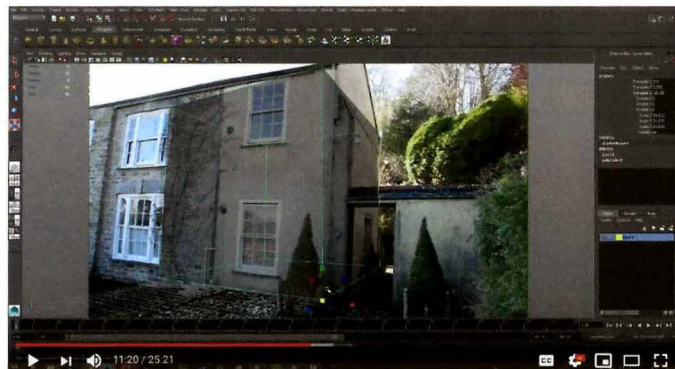
2. Set a camera and project paintings file into the object.

3. Animate the camera

2. 2.5D Matte Painting

For this project, I have experiment many new techniques and one of them is 2.5D Matte Painting that I have learned in Digital Painting Image class. Basically, it is the way to create dimension of 3D like but in 2D form or using paintings overlapping each other to create dimension.

It requires two main program in creating the 2.5D Matte Painting, which are the painting program, Adobe Photoshop and Adobe After Effects for camera movement and to create dimension. Adobe After Effect also allows us to differentiate each layer's dimension by its tools.

The uniqueness of this technique is that you are allowed to paint and draw anything as detailed as you want which doesn't require any work in Autodesk Maya like Camera projection does. In addition, I use this technique together with Camera Projection to create better results.

(Matte Painting, https://www.youtube.com/watch?v=4PvJ1K37rME)

(Matte Painting, https://www.youtube.com/watch?v=4PvJ1K37rME)

"A matte painting is a painted representation of a landscape, set, or distant location that allows filmmakers to create the illusion of an environment that is not present at the filming location. Historically, matte painters and film technicians have used various techniques to combine a matte-painted image with live-action footage. At its best, depending on the skill levels of the artists and technicians, the effect is "seamless" and creates environments that would otherwise be impossible or expensive to film. In the scenes the painting part is static and movements are integrated on it." According to the meaning of Matte Painting, this article from Wikipedia may explain way more clearly than my words.

(From website: Wikipedia, https://en.wikipedia.org/wiki/Matte_painting)

3. Perspective from Autodesk Maya to Photoshop

Since I often have problems with the perspective, my CGI friends and me explore new ways to both get the exactly right perspective and save time. And I found that create rough models in Autodesk Maya and set a camera in the angle that I want then render it and paint over in Photoshop is very helpful. Plus, I am able to move around the camera to anywhere I want.

(Perspective from Autodesk Maya to Photoshop)

4. Animation and Key framing

I am studying animation and key framing from Timmykwee via his Instagram video posts recently. His techniques are clearly explained in his videos and most of them are new techniques more than what I studied in animation classes. He usually teach his followers step by step, from a rough key frames to a fine animation. His techniques help me with exaggerate poses and bounce-in and bounce-out techniques.

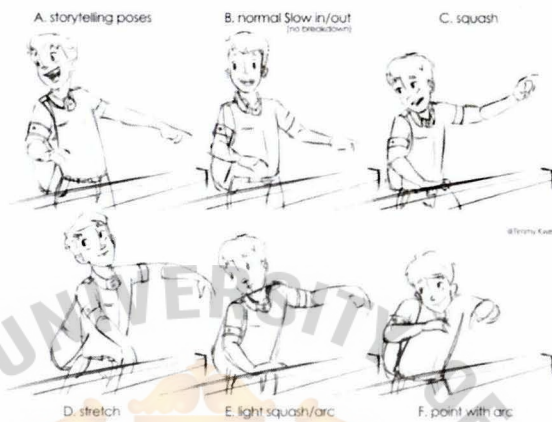(The Animation and Key frames by Timmykwee, https://www.instagram.com/timmykwee/?hl=en)
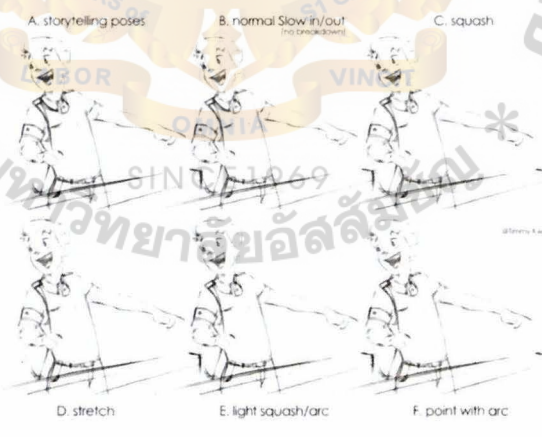
(The Animation and Key frames by Timmykwee, https://www.instagram.com/timmykwee/?hl=en)

(The Animation and Key frames by Timmykwee, https://www.instagram.com/timmykwee/?hl=en)

PROJECT DEVELOPMENT AND STORY DEVELOPMENT

	CGI4223 Art Thesis I	Week														
		August				September				October			November			
	Working Process (Pre-Production)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Research and Creative thinking for concept	✓	✓	✓	✓											
2	Screen Writing and Story development 2 stories)					✓	✓	✓	✓							
3	Storyboarding									✓						
4	1st draft storyboarding development									✓	✓					
5	2nd draft storyboarding development										✓	✓				
6	Character, scene, prop design								✓	✓	✓	✓	✓			
7	Final Present animatic/ design											✓	✓	✓	✓	✓

	CGI4225 Art Thesis II	Week														
		January				February				March			April			
	Working Process	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Production in Progress I	✓	✓	✓	✓											
2	Production in Progress II					✓	✓	✓	✓	✗	✓					
3	Production in Progress III										✓	✓	✓	✓	✓	
4	Art Thesis Exhibition															✓

The first semester is the semester that I will call it as the pre-production process. I did the research about the Apple Rabbit and Japanese Yokai for references in order to use it in my animation. Also I have researched for the art style and mood and tone that fit my animation. Moreover, I sketched some designs for the main characters for my advisors better understanding.

Finally I came up with an idea of the story for my animation as follow:

Synopsis

In Heian era, there was a peaceful and rich village that was protected by a rabbit god in a deep mountain. A girl who others believe that is born with bad luck and is hated by all of the villagers and even her own father. Since she was banned from everyone, her mother was also kicked out of the main house and lives with her in a small house in that village. The mother's health was not good but she tried her best to keep the girl save until her death. After the mother death the girl need to go back and live in her father, even if people rejected her she had to stay in that house. She lives in a small building in the house area where used to be a fishing room before, and because of that it keeps her away from everyone and eventually became lonely.

One day, she meets a true friend in the form of an apple rabbit that she had made and came to life. Since her life is very boring and lonely, she decides to become friend with the apple rabbit. She tells it that due to her weird appearance she couldn't make any friends. Then the apple rabbit invites her to go to the spirit world where any kinds of being can live together peacefully. So she decides to go to that world with it. The Apple Rabbit leads the girl into the deep place in the village until she finds the Entrance, where connects between Human World together with the Spirit World. The Entrance is huge size of old Toriis that placed in the middle of deep forest to the mountain, there is also stairs leads up to the mountain as a path way and decorates with the lanterns and fire balls in each step. When she steps into the entrance, her body suddenly transform into a fish then when she steps into the next step her body changes into other creatures. She transforms into tons of creatures on the way to the spirit world.

When she arrived at the last Torii she turns into her human body with red rabbit ears and her clothes changes into a modern kimono style and color around her changes into bright and neon color then she sees a floating island that shine brightly in front of her. The apple rabbit tells her that she is now arrive at the Spirit World and leads her to go to the city area. And in that case, she need to cross a Bridge that connect two areas together, when she walks pass the center of the bridge, the world changes into the neon night light colors. She is so excited, she runs and jumps around joyfully then hit at something. She looks up and sees a group of spirits who stares at her. One of them has a long neck and another one has a slipped mouth, she scares but try to smile and sorry to them. But as soon as she says they start talking like they are hungry and the girl looks very delicious so she runs away from them but they follow. Since they are monsters they definitely run faster than her and finally catch her. The girl cries and asks for her life. The long neck one looks at her nicely and wonder why does she scare at them, and tells her that they just want to tease her a little bit and didn't meant to scare her. And asks what if they could become friend with her. The girl reliefs and was very happy to gain more friends. Her new friends help the Apple Rabbit to introduce places in the Spirit World and even invites her to the holy mountain, Kurama Mountain where is also known as Kurama Academe, the place where any kind of spirit can study and learn how to fight. In that world she meets new friends and teachers. Plus, she gets the eyes that can distinguish good and bad spirits.

After she returns to her village, she found that her father's assistance is a bad spirit. She sees that her father assistant is a Tanuki that transform into human form and uses its power to create fake money for her father and has been eating the villagers' souls for the

whole time. She tells her father and other villagers but no one trusts her. In order to save her village from bad monsters, she has to go to the spirit world and asks for helps from her friends. However, they can see a strong power inside her body and tell her to wake it up. She changes her mind and gains more confidence and power to save her village.

Eventually she is able to control her power and decides to head back and create a strong barrier that could protect her village. But she finds out her best friend's secret, that the apple rabbit is not a normal spirit but was the most powerful god in the spirit world named Rabbit God, who is the one who gives her power since her mother was pregnant and that is the cause of her weird appearance. The reasons why it is in this apple form due to its last fight with wolf spider. After that she knows the truth she disbands from all of her spirit friends and heads back to her village alone. But, when she is on the way to her village she accidentally sees the Tanuki, who is her father's assistance walks into a mysterious forest. So she follows him until she arrives at the most dangerous place in the spirit world where the Wolf Spider lives. She finds that the Tanuki is not only planning to eat up the villagers' souls but it will burn and destroy her village.

Then she immediately runs back to her village and tells her father. However, he doesn't trust her so she tells other villagers and even her cousins but people ignore her. Few minutes later, the monsters arrive and it is too late to escape and the houses are burnt, many villagers die. The girl fights alone with them and uses all of the skills she has learnt from her spirit teacher and friends. Luckily can is able to overcome the Tanuki, but since she already uses most of her strength, she is at the limit and doesn't has energy enough to fight with the Wolf Spider. Finally, her spirit friends save her from the Wolf Spider and fight against it. But the wolf monster is too strong, it has eaten up tons of the villagers' souls and become even stronger, the only one who can beat it is the rabbit god. But now rabbit god is in a rabbit form and doesn't have enough power to protect or fight with anything because, the villagers had stopped worshiping him and believe in god. Fortunately, the girl gains every one's hope and believes back from the rabbit god and tells them to send their power to the Rabbit God. Finally, her best friend gets its power back and returns to its true form. Unfortunately, the power still not enough to kill the Wolf Spider so the rabbit god decides to sacrifice him self by using its last power to overcome the monster and save the village.

The Wolf Spider and Tanuki died in the end and the souls of the villagers that had eaten by the monsters return to the bodies. Many people become alive again and the burnt village turns back into a peaceful village. The girl lost her best friend from this fight and cries for the loss. In the end, the apple rabbit becomes that village's god and the villagers completely change their minds about the girl and call her and her best friends as the Guardians of the village.

Screen Play

1. Begin with a leaf slowly falling with a Japanese bell and drums as the background music.

2. A girl suddenly runs pass the camera and the background music increased the speed.

3. Black scene fades into evening scene in a peaceful village, the sun is going down.

4. Then slowly rise up in the Spirit world

5. Show the environment of spirit world in top-eye-view

6. Medium shot of the girl runs down from the stair.

" Weird eyes"
7. Show the exterior of the girl's house and the hanged Japanese bell clinks.

"Weird hair.."
8. Bird-eye-view to show the conflict in the family, someone throws things at her.

"No one wants to come near me"
9. She looks at herself reflection in the water, and a leaf falls down.

" ahh…"
10. Someone are gossiping her in front of the camera. The camera pans to the left side.

11. Medium shot, She signs and looks down.

"This life is too boring… I want a friend!!""

12. Extremely close-up shot, she put an apple rabbit down on a small dish. And the camera moves upwards.

"huh"
13. Close-up shot, she walks towards and sits down while eating the apple rabbit. Then suddenly open her eyes widely.

Quote
"A Story of an Unfortunate Girl"

<center>" ahhhhhhhhhhhhhh"</center>

14. She moves backward away the apple rabbit and screams; camera shows the low angle of the scene.

<center>"W- Wha- What Are You!!!!???"</center>

15. Close-up to show that she walks backward, and suddenly loses her step in the air.

<center>"Ah"</center>

16. She falls, the camera show the side angle.

17. The apple rabbit runs into her quickly.

18. Close-up shot of girl raised up by the apple rabbit.

<center>Quote
" And her Guardian"</center>

<center>"You save my life"</center>

19. The camera zooms in, she was holding the apple rabbit and looks at it.

<center>Quote
"Become Friendship"</center>

20. Extreme-close-up shot to show her cut hair fall down.
21. She jumps happily from left to right side of the scene, the camera pans slowly from left to right following the girl.

<center>Quote
"Within the Spirit World"</center>

22. The camera zooms out to show the entire landscape of the Spirit World.

<center>"Whaaaaaa~~~~whhhhh"</center>

23. She turns around in the middle of the bridge and the camera pan 180 degree following her to show the architectures and lives in the spirit world.

<center>"Ah!! I'm so sorr--y"</center>

24. Medium shot, she hits someone and looks up with her eyes opens widely with shock.

<center>"Hugh….!!??? I want a friend…"</center>

25. That person turns back and appear to be a spirit.

<center>" But…"</center>

26. She immediately runs away from them while crying in shock. And the spirits follow her.

<center>25</center>

<center>"Why spirits!!??"</center>

27. The girl is shaking her hands with a spirit, with a fake smile.

28. The Tanuki falls down heavily on the ground.

29. Wide shot to show the girl arguing with her father who is protecting the Tanuki in the middle of the crowd.

<center>" Can't you remember!?"</center>

30. The Tanuki smiles and some spirit flies around him.

<center>" What have you done to our village!!??"</center>

31. Wide shot of the girl runs back to the human world on the bridge with the apple rabbit faces to another side.

32. Extreme-wide shot of the village covering with fire. And the camera pans to the right side.

33. The girl's room burns.

34. The wolf spider burns houses, kill the villagers and destroy everything.

<center>" How can we become friends"</center>

35. The girl is about to attacked by the wolf spider but suddenly, something help her.

36. Her friends, teacher and villagers are died in the middle of the fights.

37. Full shot, the rabbit god gets his power back

38. He's looking at the wolf spider with calm and turns his face to the camera.

39. The camera extreme-close-up and zooms out off the girl's eyes to show her strong emotion.

40. Show the plain space with the title " Guardians"

<center>"Well.."</center>

41. Wide shot of a small group of spirits sitting on the turtle boat peacefully.

<center>" What should we call our relationship?"</center>

42. One of her spirit friends asked the girl.

<center>"well… may be Guardians"</center>

43. She pause and answers with a smile.

<center>26</center>

STORY BOARD

1.1 camera follows the leaf

sfx: Japanese bell sound
a leaf's falling

1.2

sfx: *breathing*
the girl runs (in hurry)

2. transition

sfx : (bell sound) "clink~"

3.   dissolve

sun in the human world going
down
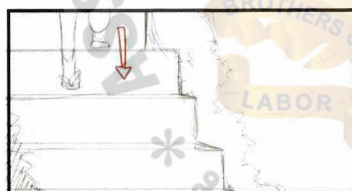
4.

sun in the spirit world
rising up

(Storyboard page 1)
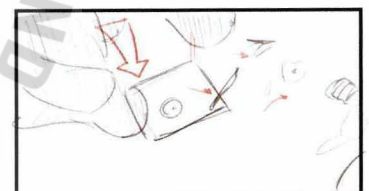
5.

bird-eye-view of the bridge

6.

the girl running down from
stairs

7.

8.

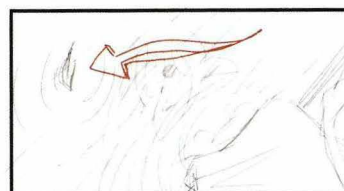sfx: laughing sound (he he he) // falling sound
her cousins throw her things away.

"weird eyes, weird hair"

9.1

the girl looks at herself reflecting
in the water

9.2

a leaf drop into the water

10.
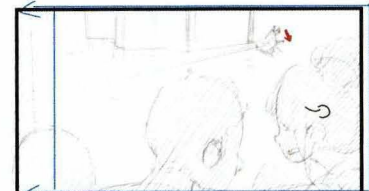
her cousin gossiping her

"no one wants to come near me... ahh..."
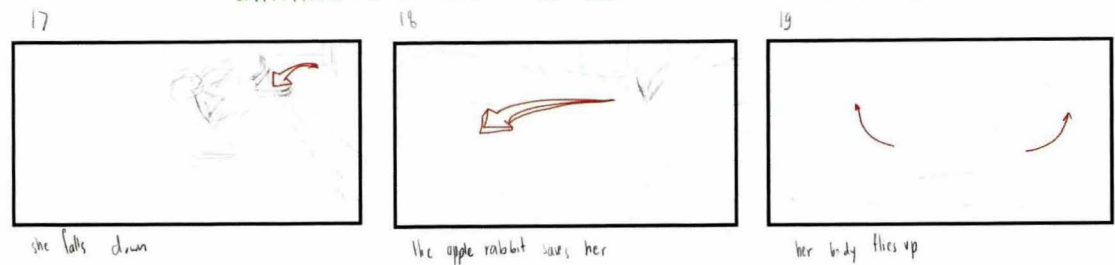
(Storyboard page 2)
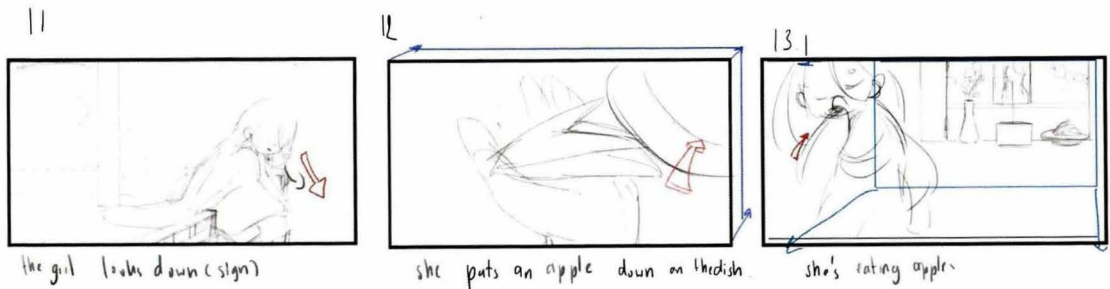
27

11

she girl looks down (sign)

12

she puts an apple down on the dish

13.1

she's eating apple

"This life is too boring ...... I want a friend!! "

13.2

suddenly notices something

13.3

the apple flies up

14

a story of an unfortunate girl

"huh ?"

(Storyboard page3)

15

the girl screams, and move backward

16.1

she crawls back

16.2

one of her feet step in the air

"ahhhhhhh ~ w-hra   what are you !!!+ "

17

she falls down

18

the apple rabbit saves her

19

her body flies up
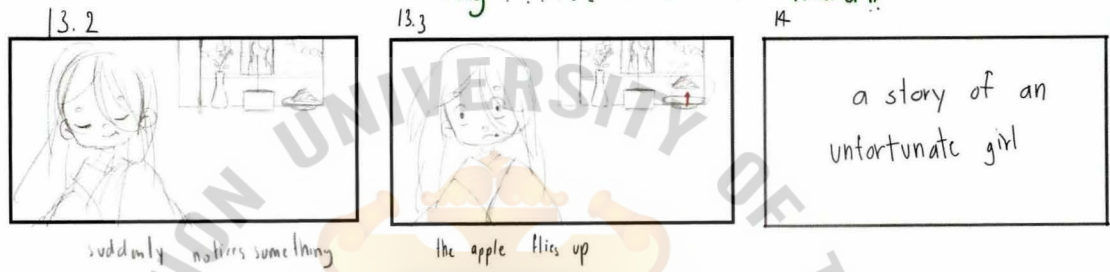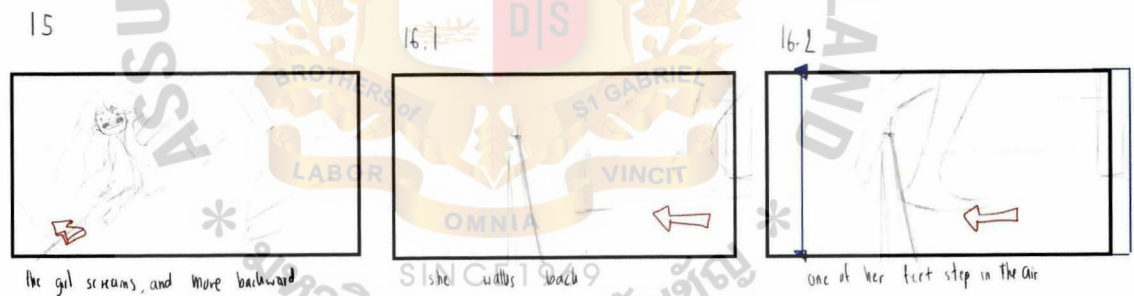
" ah "

(Storyboard page4)

28

20

and her
Guardian

21
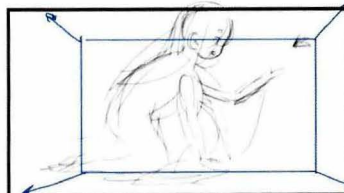
she gives her hand to the applerabbit

22

Friendship

"You save my life"

23

she has a hair cut

24

she turns around, and happy with
her new hairstyle

25

within the Spirit world
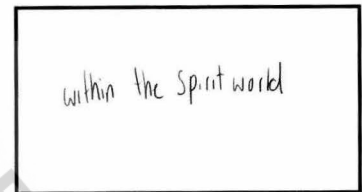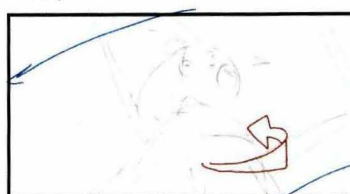
(Storyboard page5)

26

introducing spirit world

27.1

27.2

27.3

she's walking in the middle of the bridge, and turns around

"wha ~ wowwww wuw"
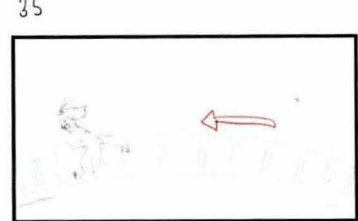
(Storyboard page6)

29

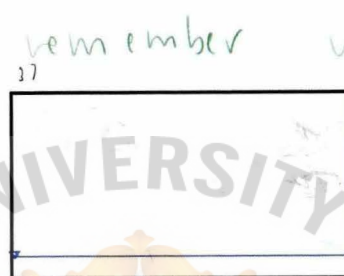**33** she's arguing with her father and villagers that Tanuki is a bad spirit

34 Tanuki smiles

35 she runs away from the apple rabbit

Can't you remember what have you

36 burning house
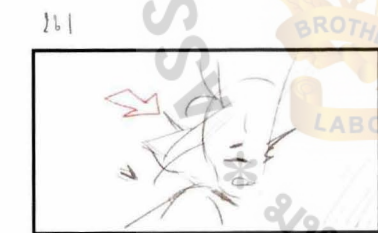
37 burning village

38 camera shaking — Wolf spider's burning and destroys everything

done to our village ?!

(Storyboard page7)

261 She hits someone

212 she looks at it, and realized

29 that it was a spirit

it that so sorry   Still I want a friend...

30 she runs away

31 she shaking her hands with a spirit.

32 tanuki falls down

but why spirits??

(Storyboard page8)
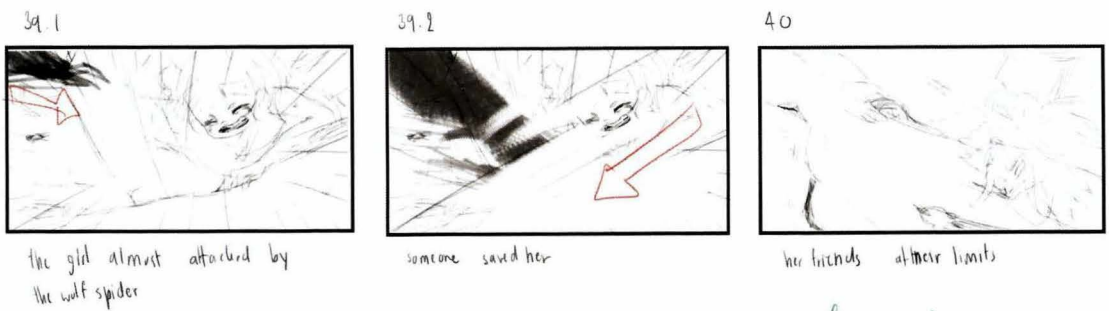
30

39.1

the girl almost attacked by
the wolf spider

39.2

someone saved her

40

her friends at their limits

How can we become friends

41

rabbit god's power has returned

42.1

he's looking at the burning village

42.2

and turns to the girl.

(Storyboard page9)

43

the camera zooms in the show the reflection
in her eyes. // It shows the rabbit god using
his last power

44

Guardian

"well"

45

her friends look at each others

"What should"

46

they're sitting on a turtle boat
peacefully

"...We call our relationship?"

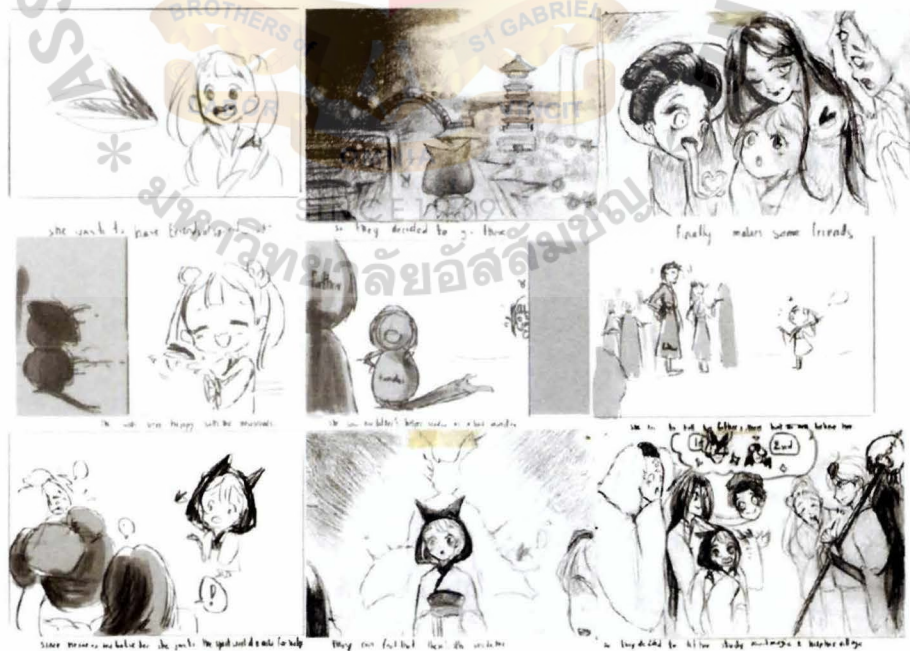47.1

she embarrased

"well may be gaurdian..."

47.2

she signs
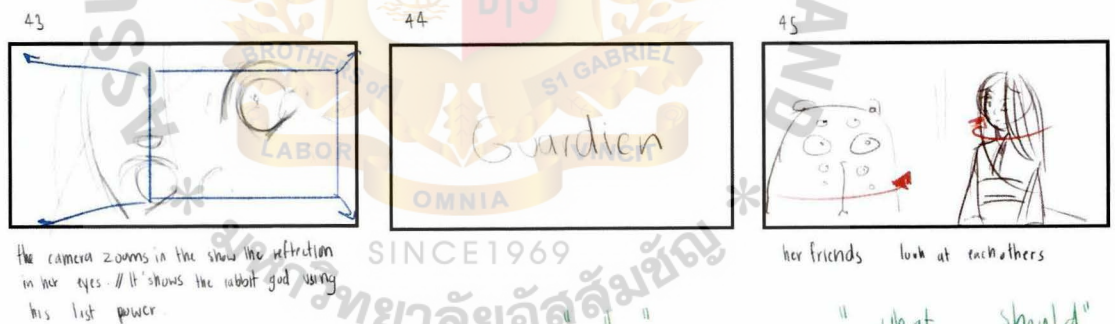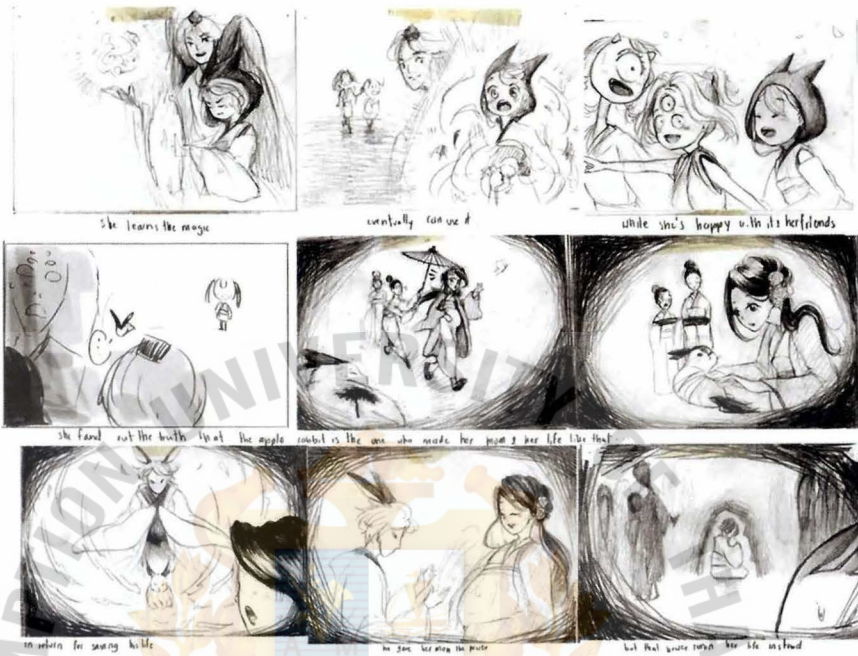
(Storyboard page10)

31

Beat Board

(Beat Board page1)

(Beat Board page2)

(Beat Board page3)

(Beat Board page4)

(Beat Board page5)

(Beat Board page6)

CHAPTER 4
DESIGN WORKS

1. Pre-Production

During this process I worked on sketches and designs. To fit the requirement, I have done sketches of 4 main characters, 4 scenes, 3 props and 2 vehicles. In addition, I designed some supporting characters and scene such as the main character's friends and teachers and school in the spirit world. Moreover, I experimented a lot on shapes and color tests. In the other hand, there were difficulties that I faced while I was doing this process. Since this story is based on Japanese culture and believes in more than 500 years ago, it was very hard for me to find good references and information that support this project.

1.1 Sketch Design

1.1.1 Character design:

Usami

The main character of the story, she is born with weird eyes and hair. She has odd eyes, which the left eye is red and the right eye is white, and her hair is white. As the gift from the rabbit god her overall looks are similar to the rabbit god himself. Due to her appearance, her life before she meets the apple rabbit seems to convince her to be a quite and lonely girl. Because all people around her and even her own father banned her from the village and believe that she brings bad lucks to the village. However, her true self is a cheerful and friendly person, who want to make friend with any creatures and any villagers.

Since she got the power of the Rabbit god, her eyes and hair colors are based on him, to show that she has his power. And most of the color palette in her designs are white and red just like the Rabbit God with some golden elements that help to brighten her personality and shows that she has some holy power inside her body.

For Usami character, I was having so much fun in designing her especially her costumes, where I can play with some elements and designs. As you can see from the picture below, it is her first design where I used it during my Story Telling class. Since this class focus more on the story more than the design, you will see that her design doesn't represent apple rabbit much and the style is more likely similar to Japanese style.

(Usami first design from Story Telling class)

(Usami first design from Story Telling class)

(Usami thumbnails from Digital Image class)

Then during Digital Image class, I redesigned her appearance and try to experiment with new looks that could express more of her personality. Then I came up with many thumbnails and finally got the finalized design with a short hair looks.

(Usami finalized design from Digital Image class)

During the Thesis Presentation I also came up with these thumbnails that I have experiment in terms of shape and form. However, the design that was chosen is very similar to the design I did in my previous class that develop into the final design to sense with all of the decorations in logically way.
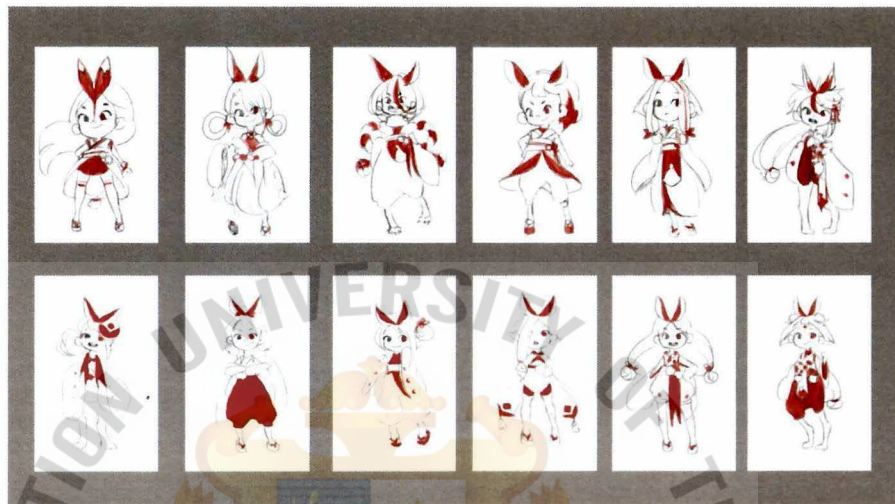
(Usami Thumbnails during Thesis Presentation)


(Usami color test)

(Usami final design)

Rabbit God

He is the main cause of the entire story who gave his power to the girl and was the most powerful person in the spirit world at that time. He is a brave person who protects the village form bad spirits and the Wolf Spider for ages of people. However, after his last fight with the wolf spider, he lost his power and eventually decided to haunt into an apple rabbit and become friend with the girl as an apologize.

He was the most powerful god in the spirit world once before the fight with the bad monster called Wolf spider. Since he was very powerful he is not able to let anyone see his true face and cover it with a rabbit mask. So basically, the color palette that I use for him are mostly white, because his previous form is a white rabbit, a little red and white added to make him looks more powerful and strong.

(The Rabbit god's Thumbnails)
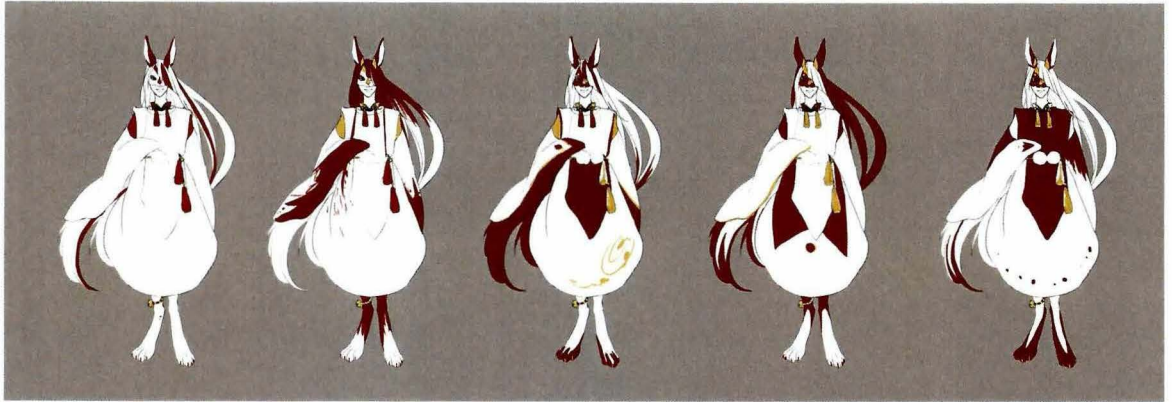
(Rabbit God color tests)

(The Rabbit god final design)

Wolf spider

At first, he was just a normal dog of a villager who was killed by the girl's father and was died after he attacked one of the villagers. Its anger and turn into revenge the whole village. He went into a deep forest and asked a powerful monster to help him and that monster was a spider monster. Then the spider monster ate up all of the dog's body and absorbs its anger after that it became one of the most powerful monsters at that time. He gains power by killing people and became the strongest monster in spirit world

39
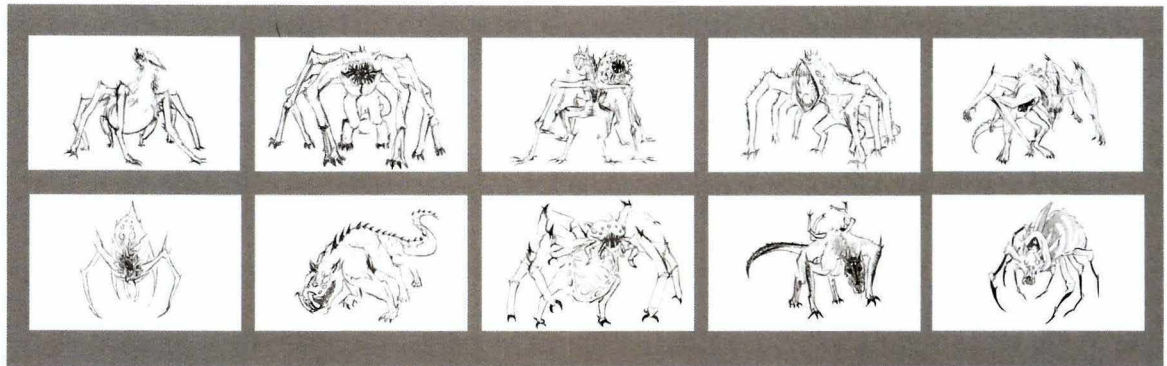
(The wolf Spider's thumbnails)

(The Wolf Spider and color guided)

(Wolf Spider final design)

Tanuki

        Tanuki who is the subordinate of the Wolf Spider and pretend to live in the village as the girl's father's subordinate. He uses his power to make this village become rich so that no one will going to suspect him as a spirit.

(The Tanuki thumbnails)

        As you can see from the figure above, I experimented on many shapes and forms in different bad personalities. I wanted to make him looks very tricky and didn't concern much whether he represents the actual Tanuki or not, so my advisor suggested me to make him more chubby, big and show more of the animal elements.
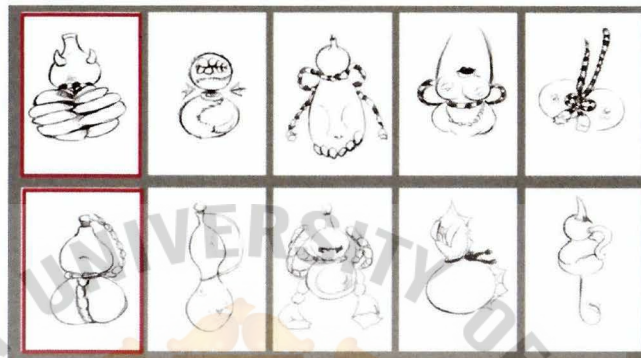

(The Tanuki color guided)

41

1.1.2 Prop Design
Tanuki's Orb

Since Tanuki is a black magic user, the orb is the magic container that contains tons of magic inside it. In case that he has run out of power, he can use the power inside this orb as a backup.

(Tanuki's orb thumbnails)

(Tanuki's Orb color test)

There are some background stories behind it. As you can see from the picture, I designed the orb to looks like two hands covering each other at its bottom part. Both of the hands are in the different colors because it was cut from two powerful monsters. The hands are big and rough, and the nails are thicket than usual.
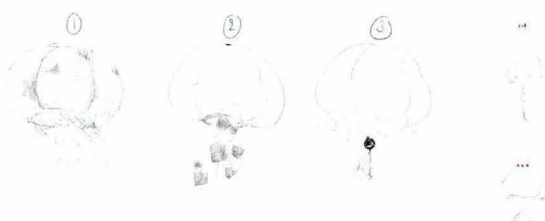
Jellyfish Lantern

Jellyfish Lantern is a spiritual lantern that flying above the bridge in spirit world that connected to human world. It shines brightly to guide the spirits to the right direction. Their colors are colorful and can be change into two main color, where the color in day time is mainly yellow and it turns into neon blue at night time.

At first I designed it as both the spirit world vehicles and lantern which can have two purposes in one. Its size will be small when it flies as a lantern, but once people called it for a drive it will getting bigger so that people would be able to sit inside it. It could contain only 2-4 people at once. But from suggestions I got from my advisors, they said that it might looks more like a character and I would not be able to design or put much vehicle elements on it, so I reduced its purpose to be only flying lantern.

(Jellyfish lantern thumbnails)

(Jellyfish lantern second development)

(Jellyfish Lantern third development)

(Jellyfish Lantern final design and color guided)

Rabbit God's Mask

It is a mask that covers the Rabbit God's face. Since the rabbit god is one of the most powerful in spirit world, whatever he does, feels or express will be effect to the sprit world. He couldn't show his weakness to anyone, because there might be some bad monster or spirit that could attack him at any time. So he has to cover his face with the mask, which could hide his facial expression.

I designed the mask to support his overall design and color. The mask only covers half of his face. It is also put the ears supporters that allows his rabbit ears move around freely.

(Rabbit god's mask thumbnails)

As you can see from the figure above, there are several design for the thumbnails that show different personalities that could cover the rabbit god's actual feelings. And based on teachers' suggestions the mask shouldn't looks aggressive but showing his calmness by putting sharp and clean lines on the mask instead.

(Rabbit God's mask designs and color test)

1.1.3 Vehicle Design
Turtle boat

The turtle boat is one of the vehicles in spirit world. It usually uses for long-distance travel that take long time. In this project, the main character and friends were using it for travelling to the Tengu School, which is very far from the main city.
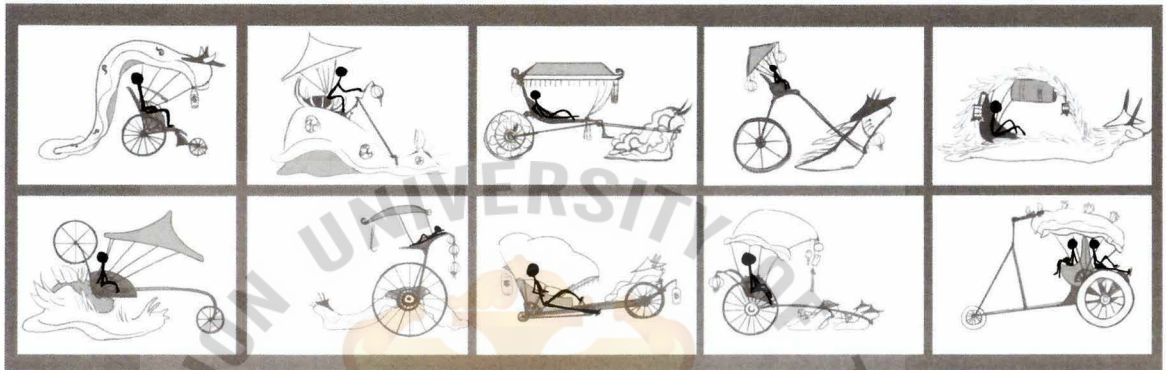
(Turtle boat thumbnails)

(Turtle Boat color test)

Rickshaw

This Rickshaw in sprit world is the combination of Japanese Rickshaw and sea slug. Since the development in the spirit world is quit faster than the human world, the vehicle in the sprit world will be more modern compare to the vehicles in actual Heian period.
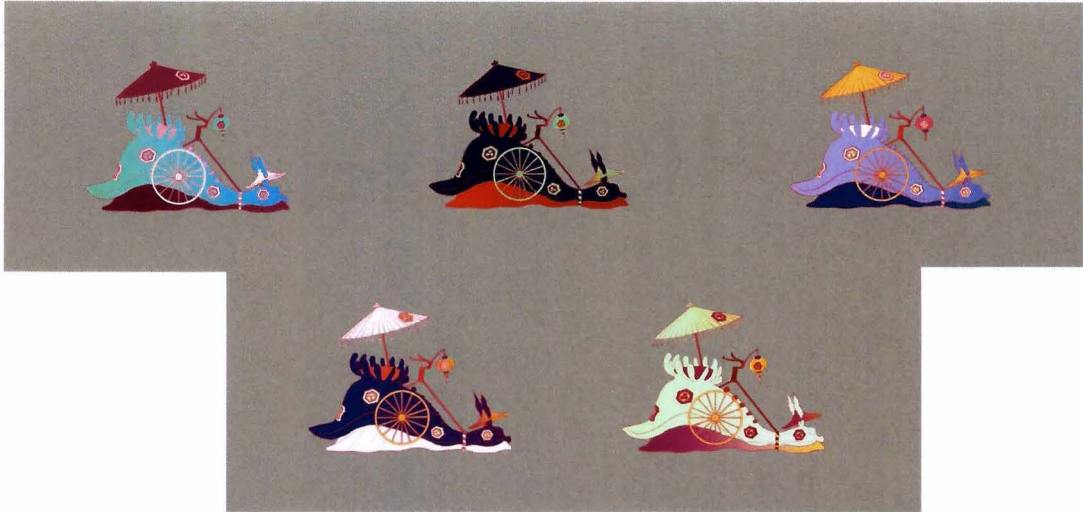

(Sea Slug Rickshaw)

The rickshaw is mostly uses for short distance travelling like city observation. In the spirit world even have separated lanes provided for it. These lanes will be covered with mucus that only uses for this sea slug only, and it even helps the sea slug to drive faster.

(Rickshaw final design without color)

(Rickshaw color test)

1.1.4 Scene Design

<u>Usami's room</u>

Usami's room is the separated fishing building from the main house where her father and cousins live. Usami spends most of her day in this room with her only friend, Apple Rabbit.

(Usami's room designs)

<u>The Village</u>

This is the village where the story begins. It is one of the most riches villages at that time due to Tanuki's power. Since it locates in the middle of mountains and surrounded by forests so, most of the villagers do agriculture.

(The village designs)

The Spirit World

The Spirit World is the place where most of the stories take place. The architecture and creatures are mostly inspired from sea animals and plants. And there will be two main color themes in this place, which is the day and night time. The day color is mostly covered by light blue, yellow and purple. Some of the high building in the city will glow brightly in yellow. At the same time, in the night time the spirit world will covered by dark blue-purple and gives a very mysterious feeling, some of the building still glow by itself, and the lantern will be the highlight of this time.


(Spirit World designs)

(Spirit World color tests)

Tengu School

Tengu School is known as the best school in the Spirit World that teaches martial art and magic. Most of the teachers are Tengu and those who are graduated from here are top-class in the Spirit World. This school is located on the huge waterfall and each building is connected by the red bridge. There is a main outdoor practice field in a round shape that surrounded by dormitory and indoor practice room.
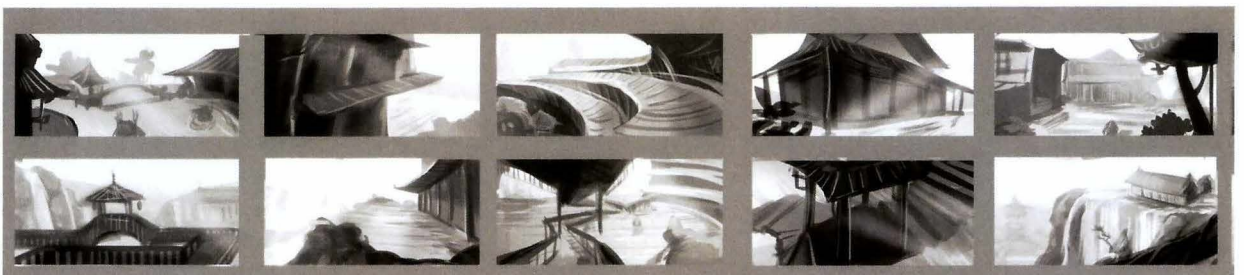
(Tengu School designs)

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1.2.1 Characters

(Character in Full-render)

(Usami in Full-render)
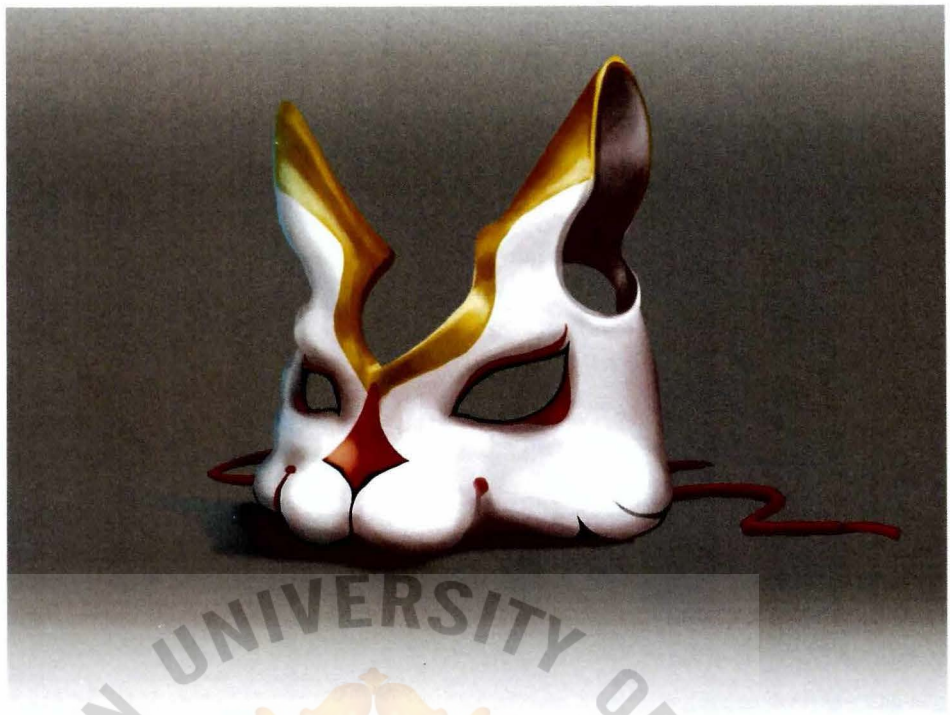
(Rabbit God in Full-render)

(Tanuki I Full-render)
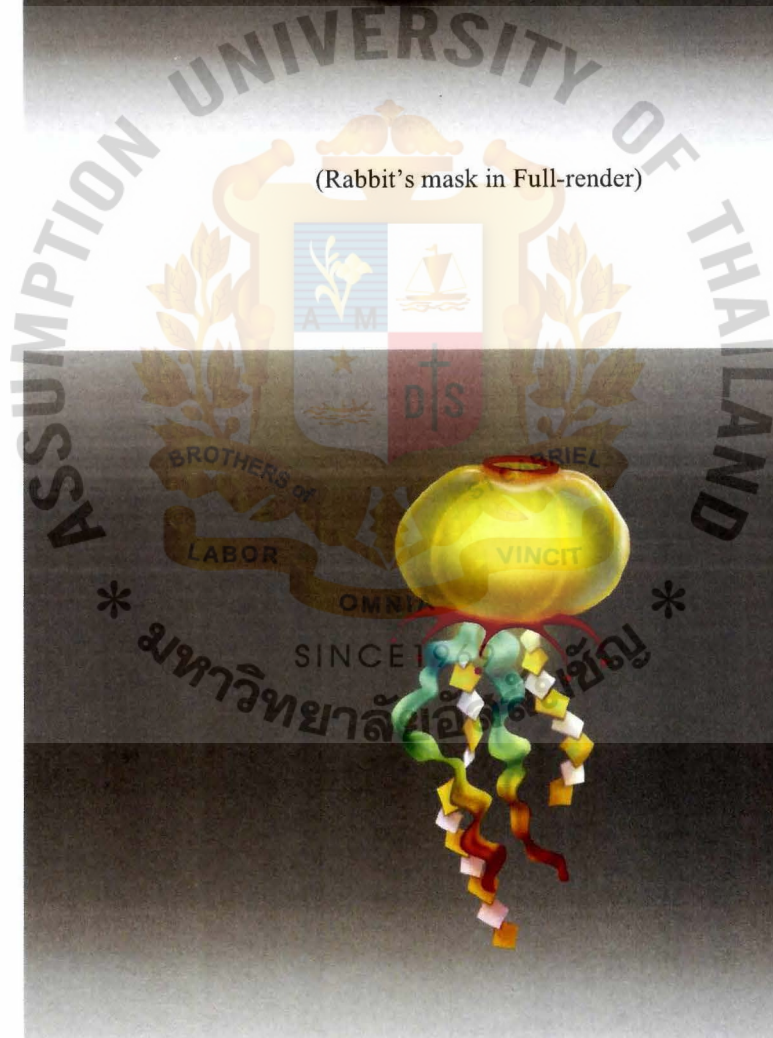
(Wolf Spider in Full-render)

1.2.2 Props

(Tanuki's Oarb in Full-render)

(Rabbit's mask in Full-render)

(Jelly fish Lantern in Full-render)

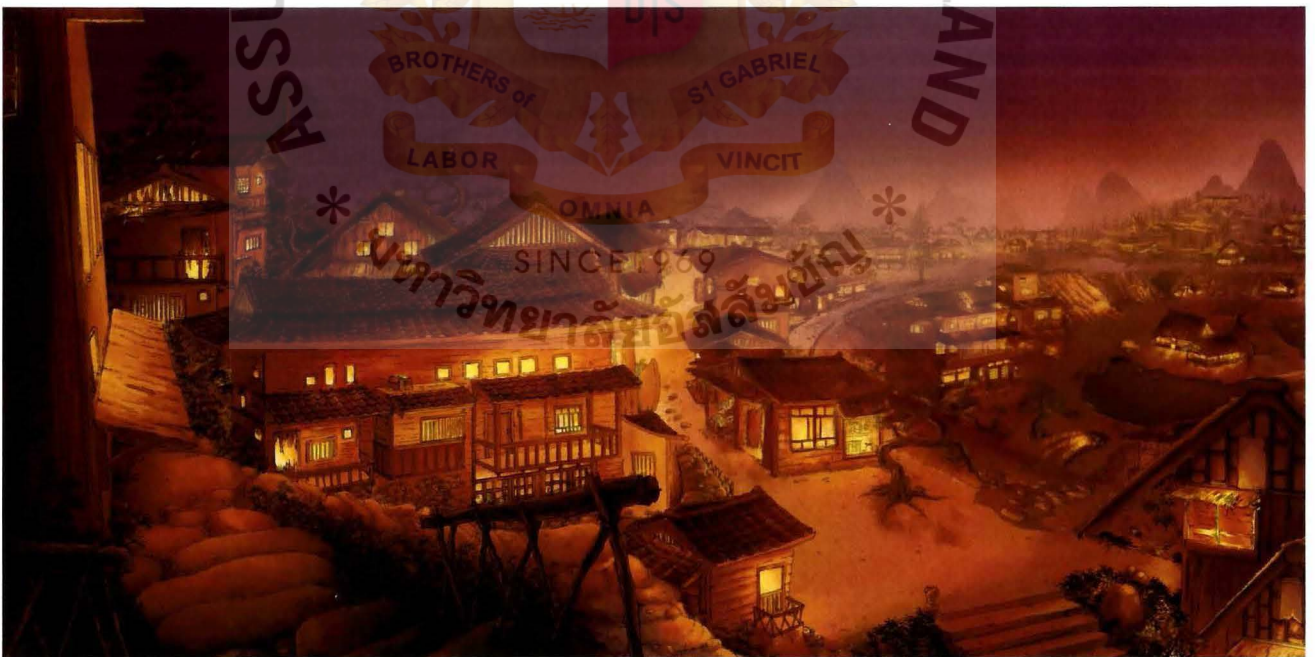(Rickshaw in Full-render)

(Turtle boat in Full)

1.2.3 Scenes

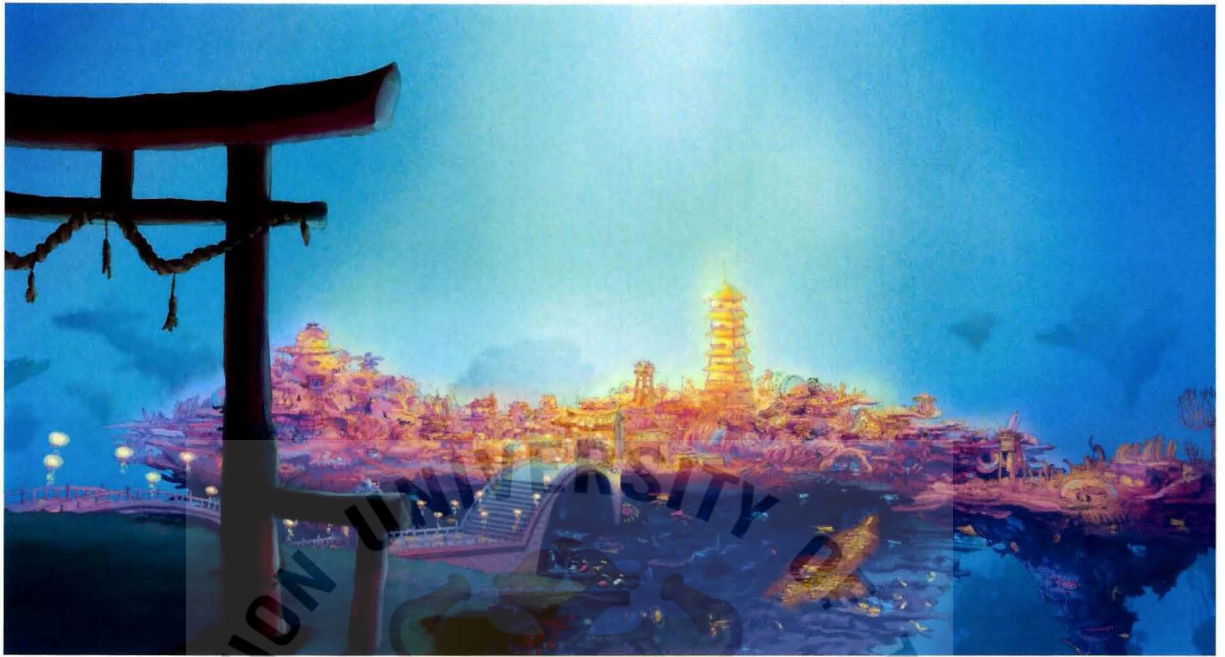
(Usami's room)

(The Village)

(Spirit World, city scene at night)
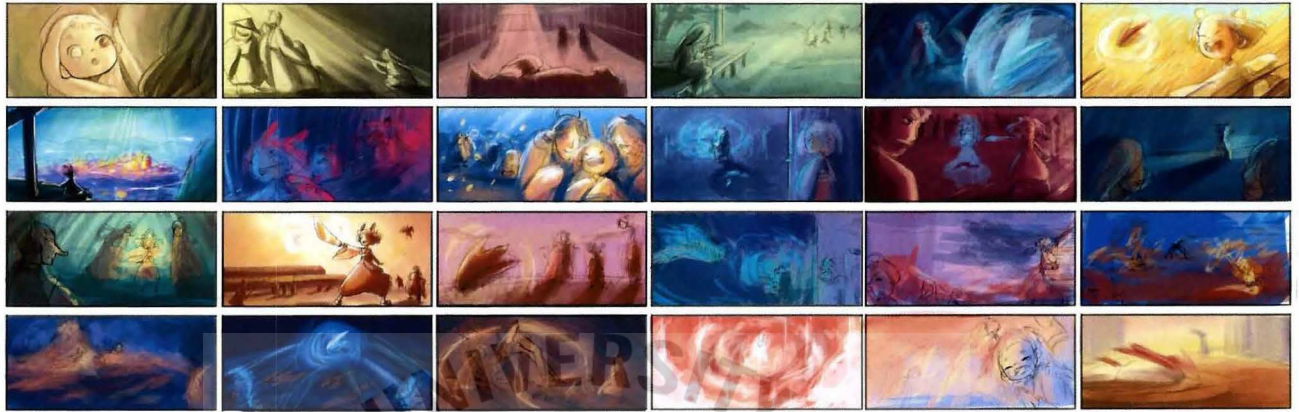

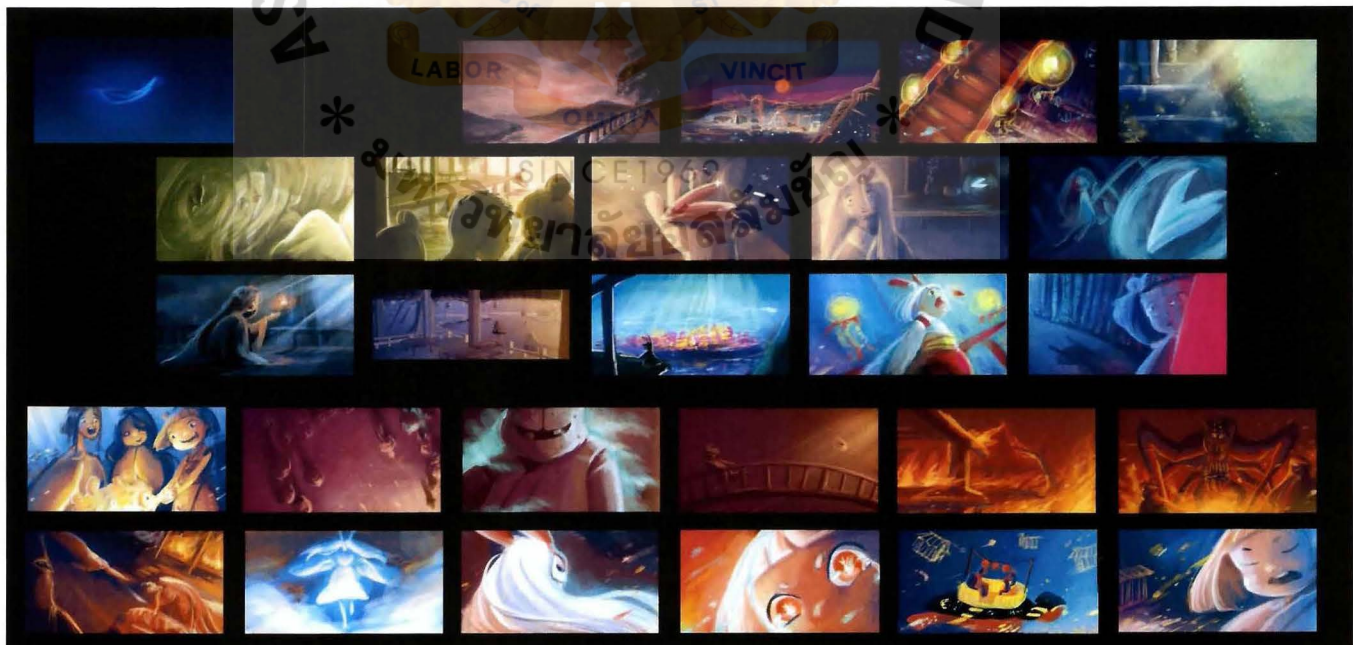(Spirit World, city scene at night)

(The Spirit World's entrance)

(Tengu School)

1.1.3 Color Script

(Full animation color script)

(Animation Trailer color script)

1.5 Design References

(Jellyfish, https://www.google.com/search?ei=7agXXYDDH4n3vgTn7bWQAg&q=jellyfish)

(The ElyXiOn in Seoul, https://www.youtube.com/watch?v=FtHm1MIXG40)

These are the some of the color references that I used for my designs, Most of them are actual taken photos that I like its color palette, since I only use them for color reference the object in the photo may not related to my concept.

Since I want to avoid too similar designs and copying others' work problems, I don't use other artist's artworks for my references. And only searched for actual taken photos for all of my references.

(Light and shade study photo taken by me)

This is the photo that taken by me when I found some nice light-shade and color I usually studies them and adapted into my work.

And some of them are photos that my friends took while they traveled to nice places and I think they might useful for my project, so I asked them to send the photos to me.

(Japanese Lamps photo taken by my friend)

For the environment designs, I took many references from taken photos under the sea. Mostly are sea plants and animals. It also inspired me, in terms of color designs and its function in my Spirit World.

(https://www.google.com/search?ei=r6oXXdPqIov9vASAkKqICQ&q=sea+plants)

(https://www.google.com/search?ei=3aoXXbO4HomAvwSK0rOYBg&q=japanese+lamp)

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CHAPTER 5
CONCLUSION

When I started this project, I talked to my advisors and thesis committees about the story telling of this project, since the story and concept is the most important subjects, I need to make sure that it is interesting, believable and enjoyable. Even I used the same plot that I had been developed in Story Telling class, there were still many things that need to be more reasonable and believable. Also the concept and style are importance, I was struggled at it at first because I used too many combination of style, but with the help of my advisors, it results nicely. Moreover, good references will support the ideas not only the story but for the whole concept and designs. So, I had to do many researches about Japanese culture, Heian period and so on. Plus, It was very hard for me to find all of the reasons to support background of each character, because I couldn't just say that I want her to looks like what I want but everything need to be very reasonable. Also it was very challenging for me while I was sketching the Wolf Spider, because I scared of horrific creatures. I cried with fear while doing the research and draw the thumbnails, it was very hard for me to just take a peek at those things but after I looked at them for hundreds of times I felt better and finally was able to overcome it.

Working in this project, I discovered a lot of techniques and obstacles. One of them is my weakness in drawing perspective where most of my scene requires a lot of that. Anyway, I found another way in getting perspective 100% correctly and don't take much time, by modeling the architectures roughly in 3D then render it out and redraw and add more details in 2D. I think this technique saved a lot of time and was very useful for me. One of my favorite parts in this project is animating part. For me, who love animating characters, this part which I turned the characters come to life is the most enjoyable part. I experiment many new techniques and movements such as hands and arms movement, clothes and so on, especially when hair flows with the wind is my favorite part. My advisor suggested me to imagine that there is a ball passed through the hair and that helped a lot, my animation looks more interesting and nicer.

From this project, I found both my good and bad points, and mistakes that I had to improve. I also learn how to face with difficult time like art blocks and depression. Fortunately, there are many people beside me who willing to help me at any time, my family, friends and teacher, they are my best supporters and without them I would not be able to finish this project. And the most important people who could make me smile at any difficult time are EXO, who shows me that I was not the only person who work hard and encourage me to do my very best. This project is like the combination of most of the knowledge I 've gain in the university and my interests. It taught me many things and I think I mentally grown up during this project, it was fun yet difficult. Finally, it becomes one of my valuable experiences in my life.

BIBLIOGRAPHY

Asakawa, K. 1965, Land and society in medieval Japan (Japan Society for the Promotion of Science, Tokyo)

Blazer, L., (2016) Animated Storytelling: simple steps for creating animation and motion graphics, USA: Peachpit Press.

Korniki, P. F. 1998, The book in Japan: a cultural history from the beginnings to the nineteenth century (Leiden: Brill)

Bussagli, Mario (1989). History of World Architecture: Oriental Architecture/2.Faber and Faber

Japanese Architecture. (2019, July 14). Retrieved from
https://en.m.wikipedia.org//wiki/Japanese_architecture

Shinden Zukuri. (2019, July 19). Retrieved from
https://en.m.wikipedia.org/wiki/Shiden-zukuri

Shinto Architecture. (2019, July 19). Retrieved from
https://en.m.eikipedia.org/wiki.Shinto_architecture

Tanuki. (2019, July 21). Retrieved from
https://en.m.wikipedia.org/wiki/Japanese_raccoon_dog

Tengu. (2019, July11). Retrieved from
https://en.m.wiki.org/wiki/Tengu

Japanese Yokai. (2019, July 21). Retrieved from
https://en.m.wikipedia.org/wiki/Yokai

6 Famous Yokai, Mystical Creatures From Japan. (2017, April 24). Retrieved form
https://www.tsunagujapan.com/6-famous-yokai-mystical-creatures-from-japan/

How To Make Apple Bunny (Apple Rabbit). (2012, September 27). Retrieved from
https://www.justonecookbook.com/apple-bunny-apple-rabbit

The Elyxion in Seoul. (2018, December 11). Retrieved from
https://youtu.be/Z82sl9VIRYQ

How to Create Water Reflection Animation In After Effects/ VIDEO JUNCTION. (2018, January 4). Retrieved from
https://youtu.be/YaKHUGCwHLk

Spirit World (Spiritualism). (2018, July 28). Retrived from
https://en.m.wikipedia.org/wiki/Spirti_world_(Spiritualism)

Hong SoonSang. (2019, July 18). Retrieved from
https://www.artstation.com/soonsanghong54

Art of Moana (2018, March 17). Retrieved from
https://characterdesignreferences.com/art-of-animation-6/art-of-moana-part-1

Art of Frozen. (2018, February 22). Retrieved from
https:characterdesignreferences.com/art-of-animation-5/art-of/frozen

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2002 – 2007	: Kasemphittaya School

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	Adobe After Effects
	Adobe Illustrator
	Adobe Premiere Pro
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