ABSTRACT

Nowadays the computer has been widely used in every field. It can help people to increase efficiency and effectiveness in their work. It can process jobs in a short time with more accuracy. Therefore an online examination system development will increase the competitive advantages against rivals.

Moreover, there are many kinds of examinations each year and if a hard copy is kept it will take much space. At present, computers are developed to interact with users more easily and conveniently and if they are used at work today it will reduce the waste of human resource, time and money, etc.

This project contains all phases of system analysis and design. First, user's information requirements are collected. Then the proposed system is set up to meet the user's requirements and to solve the problems in the existing system. It includes a context diagram depicting the net input to the system and the net output from the system to their destination and shared database, DFD diagram and input and output design. Cost and Benefit Analysis showing the comparison between the existing and the proposed system results in the breakeven point of 2.8 years. Net Present Value is positive. That means the value of benefits is higher than the value of cost. The result of the payback period is 2.71 years, so it is appropriate to implement the proposed system.