

ABSTRACT

The Mechanical Information System is designed to support the daily operation of the Mechanical Division under the Bangkok of Metropolitan Administration. Studying the ways of works that currently operate develops this system. We study the real system and user requirements to develop the new system with goal how to make it better.

In analysis of management of vehicle repair information. We apply some techniques of the structured analysis for appropriation to conditions of the division. Because of the analysis , we will get the following results :

- Data Flow Diagrams.
- Preliminary Data Dictionary (Explain Source , Destination , Type and Meaning)
- ERD
- Data Dictionary of ERD

We choose this analysis method because we want to develop the new system that is easy to maintenance and provide appropriate documents. Furthermore, it is easy to understand and solve the big problem and dissolve the big problem. Because it partitions the big problem to be small problems (called Partitioning).

We hope that this report will provide the acknowledge about System Analysis phase of the real situation to person who want to study.