FEASIBILITY STUDY

Feasibility study is made to see if the project on completion will serve the purpose of the organization for the amount of work, effort and the time that spend on it. Feasibility study lets the developer foresee the future of the project and the usefulness. A feasibility study of a system proposal is according to its workability, which is the impact on the organization, ability to meet their user needs and effective use of resources. Thus, when a new application is proposed it normally goes through a feasibility study before it is approved for development.

The document provides the feasibility of the project that is being designed and lists various areas that were considered very carefully during the feasibility study of this project such as Technical, Economic and Operational feasibilities. The following are its features: -

Technical Feasibility

The system must be evaluated from the technical point of view first. The assessment of this feasibility must be based on an outline design of the system requirement in the terms of input, output, programs and procedures. Having identified an outline system, the investigation must go on to suggest the type of equipment, required method developing the system, of running the system once it has been designed.

Technical issues raised during the investigation are:

- Does the existing technology sufficient for the suggested one?
- Can the system expand if developed?

The project should be developed such that the necessary functions and performance are achieved within the constraints. The project requires High Resolution Scanning device and utilizes Cryptographic techniques. Through the technology may become obsolete after some period of time, due to the fact that newer version of same software supports older versions, the system may still be used. So there are minimal constraints involved with this project. The system has been developed using PHP in front end and MySQL in server in back end, the project is technically feasible for development. The system has been developed using PHP in front end and MySQL in server in back end, the project is technically feasible for development. The System used was also of good performance of Processor Intel i5 core; RAM 8GB and, Hard disk 1TB

Economic Feasibility

Development of this application is highly economically feasible. The organization need not spend much money for the accomplishment of the project. Since the resources needed for the development of the system is already available. The only thing to be done is making an environment for the development with an effective supervision. If we are doing so, we can attain the maximum usability of the corresponding resources. Even after the development, the organization will not be in a condition to invest more on maintenance since the people required for the maintenance are already available in the organization. Therefore, the system is economically feasible.

Operational Feasibility

Proposed projects are beneficial only if they can be turned into information systems that will meet the organization's operating requirements. The purpose of the operational feasibility study is to determine the whether the new system will be used if it is developed and installed. During the operational feasibility study the proposed system is checked whether it can run with universal standards. All the business methods implemented in the system is selected according to increase the user acceptance.

In the proposed system named Studious, the operational feasibility study is performed with the help of the users of the system and the management. The first challenge was whether the system meets the organizational requirements. This is checked by the system requirement collected from the users and the management and the operational feasibility proved that the system is capable to meet its functional requirements.

There was no difficulty in implementing the software and the proposed system is so effective, user friendly, functionally reliable so that the users in the company will find that the new system reduces the hard steps.