FEASIBILITY STUDY

A feasibility study is carried out to select the best ststem that meets performance requirements. Feasibility is the determination of whether or not a project is worth doing. The process followed inmaking this determination is called a feasibility study. This type of study determines if a project can and should be taken. Since the feasibility study may lead to the commitment of larger esources, it becomes necessary that it should be conducted competently and that no fundamental errors of judgment are made. Depending on the results of the initial investigation, the survey is expanded to a more detailed feasibility study.

Feasibility study is a test of system proposal according to its workability, impact on the organization, ability to meet user needs, and effective use of resources. The objective of the feasibility study is not to solve the problem but to acquire a sense of its scope. During the study, the problem definition is crystallized and aspects of the problem to be included in the system are determined. All projects are feasible given unlimited resources and infinitetime. Unfortunately the development of computer-based system in many cases is more likely to be plagued by scarcity of resources and delivery date. Hence, we have made use the concept of reusability that is what Object Oriented Programming (OOPS) is all about.Consequently, costs and benefits are described with greater accuracy at this stage.

Economic Feasibility

The Resort Booking System must be justified by cost and benefit. Criteria to ensure that effort is concentrated on project, which will give best, return at the earliest. One of the factors, which affect the development of a new system, is the cost it would require.

The following are some of the important financial questions asked during preliminary investigation:

The costs conduct a full system investigation.

The cost of the hardware and software.

The benefits in the form of reduced costs or fewer costly errors.

Since the Resort Booking System is developed as part of project work, there is no manual cost to spend for the proposed system. Also, all the resources are already available, it gives an indication of the system is economically possible for development.

Resort Booking System will be a simple platform for users to access services for their huge needs. It is completely free. Using this system large number people can solve their problems with free of cost. Resort Booking system only needs a basically configured personal computer. So that the system is economically feasible to the users.

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 methods for developing the system, 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 current technology using is relevant and well established, though 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 back end, the project is technically feasible for development. The System used was also of good performance of Processor Intel Core i3, RAM 4GB and, Hard disk 1TB.

Operational Feasibility

This includes the following questions:

Is there sufficient support for the users?

Will the proposed system cause harm?

The solutions suggested by the proposed system such as satisfying the user requirements, time management etc. are acceptable. The users can easily adapt to the proposed system as it is more convenient and user friendly.