FEASIBILITY STUDY for E-RESORT SYSTEM

Feasibility study is made to see if the project on completion will serve thepurpose of the organization for the amount of work, effort and the time thatspend on it. Feasibility study lets the developer foresee the future of the projectand the usefulness. A feasibility study of a system proposal is according to itsworkability, which is the impact on the organization, ability to meet their userneeds and effective use of resources. Thus, when a new application is proposedit normally goes through a feasibility study before it is approved fordevelopment.

There are some questions and answers that are important in feasibility study of this project.

1. How would be organization scope if this system was not implemented?

The E-Resort System is implemented for the purpose of reduce the time and effort to find Resort or Hotel from a unknown place.This application will help the users to search for a particular resort by location and find the recommended resorts, the location of the resorts and guiding the users by following the direction displayed on the map to the resort.

2.What are the problems with current processes and how would a new system help alleviate this problem?

The current system is like google maps, where user have to check manually for the nearest service from unknown place. But the in E-Resort System by pressing a single button get the nearest and most suitable at instance.

3.What direct contribution will the system make to the business objectives and requirements?

A customer or user can easily get service from his nearest dealer. Thus, the dealers will get more customers from this system.

4.Does the system require technology that has not previously been used in the organization?

This E-Resort system includes a GPS software with some of the modern technologies which are already available.

Opinion mining is a type of natural language processing for tracking the mood of the public about a particular product.

5.What must be supported by the system and what needed to be supported?

System is implemented for the purpose of reduce the time and effort to find Resort or Hotel.This website is a great platform where a customer looking for a good and a easy service. If he is not aware about the current city it will be hard for him to find a Resort.

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

ECONOMIC FEASIBILITY

The E-Resort system must be justified by cost and benefit. Criteria to ensure thateffort is concentrated on project, which will give best, return at the earliest. Oneof the factors, which affect the development of a new system, is the cost itwould require.
The following are some of the important financial questions asked duringpreliminary 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 theE-Resort system is developed as part of project work, there is nomanual cost to spend for the proposed system. Also, all the resources are alreadyavailable, it gives an indication of the system is economically possible fordevelopment.

TECHNICAL FEASIBILITY

The system must be evaluated from the technical point of view first. Theassessment of this feasibility must be based on an outline design of the systemrequirement in the terms of input, output, programs and procedures. Havingidentified an outline system, the investigation must go on to suggest the type ofequipment, required methods for developing the system, running the systemonce 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 proposedE-Resort system has more features available than the existing systems like google maps.The application can display the detail of the resorts like the phone number, current location, the rating of resort by customers and package details.

The system can be expanded if more requirements are available in future.

The system has been developed using HTMLas front end, Php as Connectivity and MySQL in back end, for the website and also to develop app for this using android studio, the project is technically feasible fordevelopment.

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 userrequirements, time management etc. are acceptable. The users can easily adaptto the proposed system as it is more convenient and user friendly. TheE-Resort system uses simple user interfaces for ease of use with the user.