

Project Name :kaithanghu

FEASIBILITY STUDY

During the system analysis a feasibility study of proposed system carried out to see whether it was beneficial to the organization. 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. Three key considerations are involved are:

- Technical feasibility
- Economical feasibility
- Operational feasibility

Technical Feasibility

Around existing environment and to what extend it can support the proposed system .While considering the technical factors of the organization that is presently has is sufficient to implement of the new system .The new system can use the existing premises inside the firm and no premises needed extra.

Kaithanghu is a project which is mainly focused on home nurses and people who needs care. So people can search and book home nurses at any time if they needed. The current technology using is relevant and well established, though the technology may become obsolete after some period, because newer version of same software supports older versions, the system may still be used. Therefore, there are minimal constraints involved with this project.

We use HTML5 as frontend, PHP 7 .1. 26 as middleware and MYSQL as backend. We use a system with 500GB internal and 4GB Ram.

Economic Feasibility

Most frequently used as evaluating the effectiveness of adopting system more commonly known as cost benefit analysis. The procedure is to determine the benefits and saving that are excepted from a adopting system and compare them with the existing system. If the benefits of adopting system are out of weight existing, the decision is made to design and implement.

The “kaithanghu” project allows the users to make payment online to home nurses. So that it can be extended or modified in the future. Here home nurses can order medicines for patients and payment is done online. so there is no other person in between them.

Operational Feasibility

The purpose of the operational feasibility study is to determine the whether the new system will be used if it is developed and installed. And whether there will be resistance from users that will undermine the possible application benefit.

In “kaithanghu” project the operation feasibility study is performed with the help of the users of the system. Solutions proposed are acceptable, because this system support sufficient to handle the problems. The solutions suggested by the proposed system such as satisfying the user requirements, time management etc.are acceptable. It gives simple interface to the users to check and book home nurses.