SYSTEM STUDY

Requirements

1. Customer should be able to choose city where he/she want to see the movie.
2. Customers should be able to search movies by their title and choose the film which he/she wish to book tickets.
3. Once the customer selects a movie, the system should display the theatres running that movie and its available shows.
4. Each Movie will have multiple shows.
5. The customer should be able to select a show at a particular cinema and book their tickets.
6. The system should show the user the seating arrangement of the cinema hall.
7. The customer should be able to select multiple seats according to their preference.
8. The customer should be able to distinguish between available seats and booked ones.
9. The system should ensure that no two customers can reserve the same seat.
10. The system should automatically show the fare for the corresponding shows and amount of money needs to pay for selected seats.
11. Customers should be able to pay with credit or debit cards or other online payment methods.

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. The document provide 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:

Operational Feasibility

Operation feasibility is a measure of how people feel about the system. Operational Feasibility criteria measure the urgency of the problem or the acceptability of a solution. Operational Feasibility is dependent upon determining human resources for the project. It refers to projecting whether the system will operate and be used once it is installed.

The essential questions that help in testing the operational feasibility of a system are following:

- Does management support the project?
- Are the users not happy with current business practices? Will it reduce the time (operation) considerably? If yes, then they will welcome the change and the new system.
- Have the users been involved in the planning and development of the project? Early involvement reduces the probability of resistance towards the new system.
- Will the proposed system really benefit the organization? Does the overall response increase?

Behaviorally also the proposed system is feasible. A particular application may be technically and but may fail to produce the forecasted benefits, because the company is notable to get it to work. For the system, it is not necessary that the

user must be a computer expert, but any computer operator given a little bit of knowledge and training can easily operate.

Our proposed project "Online Movie Ticket Booking System" is operationally feasible since there is no need for special training of staff member and whatever little instructing on this system is required can be done so quite easily and quickly as it is essentially This project is being developed keeping in mind the general people who one have very little knowledge of computer operation, but can easily access their required database and other related information. The redundancies can be decreased to a large extent as the system will be fully automated.

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 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 is developed within latest technology. 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 the project is technically feasible for development.

Economic Feasibility

The developing 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 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 give an indication of the system is economically possible for development.

Software Requirements

Front End : HTML, CSS

Backend : PHP, MySQL, JavaScript

Operating System : Windows XP/Windows 7 and above.

Hardware Requirements

CPU : Intel Pentium 4 Processor, Dual Core and above.

RAM : 512 MB

HDD : 80 GB