SYNOPSIS

**TITLE : Movie Theater Management System**

**TEAM** :

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**Objective** :

* The main objective of the Project on Movie Theater Management System is to manage the details of Movie, Customer, Booking, Payment, Seats. It manages all the information about Movie, Shows, Seats, Movie.
* The project is totally built at administrative end and thus only the administrator is guaranteed the access.
* The purpose of the project is to build an application program to reduce the manual work for managing the Movie, Customer, Shows, Booking. It tracks all the details about the Booking, Payment, Seats

**Introduction**:

The "Movie Theater Management System" has been developed to override the problems prevailing in the practicing manual system. This software is supported to eliminate and, in some cases, reduce the hardships faced by this existing system. Moreover, this system is designed for the particular need of the company to carry out operations in a smooth and effective manner.

The application is reduced as much as possible to avoid errors while entering the data. It also provides error message while entering invalid data. No formal knowledge is needed for the user to use this system. Thus, by this all it proves it is user-friendly. Movie Theater Management System, as described above, can lead to error free, secure, reliable and fast management system. It can assist the user to concentrate on their other activities rather to concentrate on the record keeping. Thus, it will help organization in better utilization of resources.

Every organization, whether big or small, has challenges to overcome and managing the information’s of Customer, Movie Payment, Shows, Seats. Every Movie Theater Management System has different Movie needs, therefore we design exclusive employee management systems that are adapted to your managerial requirements. This is designed to assist in strategic planning, and will help you ensure that your organization is equipped with the right level of information and details for your future goals. Also, for those busy executives who are always on the go, our systems come with remote access features, which will allow you to manage your workforce anytime, at all times. These systems will ultimately allow you to better manage resources.

**The system works as follows:**

* Provides the searching facilities based on Movie name.
* Movie Theater Management System also manage the Shows details online for Payment details, Seats details, Movie.
* It tracks all the information of Customer, Shows, Payment etc.
* Manage the information of Customer
* Shows the information and description of the Movie, Booking
* To increase efficiency of managing the Movie, Customer
* It deals with monitoring the information and transactions of Payment.
* Manage the information of Movie

**Software Requirements** :

* Operating System : Windows 7 or Higher Recommended, Linux, Ubuntu.
* Database : MySQL Server (XAMPP)
* Browser : Any Browser Like Chrome, Mozilla Firefox, Opera.
* IDE : Microsoft Visual Studio

**Hardware Requirements** :

* Processor – Pentium Or Above Recommended
* RAM – Minimum 2GB Ram
* Hard Disk : 20GB
* Monitor : 15” Color Monitor

**Advantages** :

* Creating & Changing Issues at ease
* User Accounts to control the access and maintain security
* Multi-level Priorities & Severities.
* Accuracy in work
* It contains better storage capacity
* Decrease the load of the person involve in existing manual system.
* Access of any information individually.
* Work becomes very speedy.

**Disadvantages** :

* Excel export has not been developed for Movie, Customer due to some criticality.
* The transactions are executed in off-line mode, hence on-line data for Booking. Payment capture and modification is not possible.
* Off-line reports of Movie, Seats, Booking cannot be generated due to batch mode execution.

**Application** :

* **Remote** - An online system allows customers to access services from the comfort of their homes. As long as a user has access to a phone or computer, they can get easy access to the services available.
* **Minimize Traffic** - Making services easily accessible to the customers means that fewer will be coming to purchase from the ticket window. This might also cut costs for the business because they will not need so many at the ticket windows. Employees will be able to direct their energies elsewhere.
* **Constant Service** - Online platforms don't need a break or the night off. They can run constantly, giving every customer the benefit of accessing information at any time of the day.
* **Increased Revenue** - When a business has an online service platform, there is no limit to the number of people it can reach. It is not limited by the time either because it operates 24/7

**FEASIBILITY STUDY**

After doing the project Movie Theater Management System, study and analyzing all the existing or required functionalities of the system, the next task is to do the feasibility study for the project. All projects are feasible-given unlimited resources and infinite time. Feasibility study includes consideration of all the possible ways to provide a solution to the given problem. The proposed solution should satisfy all the user requirements and should be flexible enough so that future changes can be easily done based on the future upcoming requirements.

**Technical Feasibility :**

This included the study of function, performance and constraints that may affect the ability to achieve an acceptable system. For this feasibility study, we studied complete functionality to be provided in the system, as described in the System Requirement Specification (SRS), and checked if everything was possible using different type of frontend and backend platforms.

**Economical Feasibility :**

This is a very important aspect to be considered while developing a project. We decided the technology based on minimum possible cost factor. All hardware and software cost has to be borne by the organization. Overall, we have estimated that the benefits the organization is going to receive from the proposed system will surely overcome the initial costs and the later on running cost for system.

**Operational Feasibility :**

As our proposed system is fully GUI based that is very user friendly and all inputs to be taken all self-explanatory even to a non-technical person. Hence our system is operationally feasible.

**Conclusion** :

Our project is only a humble venture to satisfy the needs to manage their project work. Several user-friendly coding has also adopted. This package shall prove to be a powerful package in satisfying all the requirements of the any organization. The objective of software planning is to provide a frame work that enables us to make reasonable estimates made within a limited time frame at the beginning of the software project and should be updated regularly as the project progresses.