**HUMAN AND COMPUTER INTERACTION**



A PROJECT REPORT

ON

**“Cinema Ticketing App”**

Submitted by

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CERTIFICATE

Certified that the project work entitled **“Cinema Ticketing App”** is a bona fide workcarried out by

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| Hamza Ansari |
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The report has been approved as it satisfies the academic requirements in respect of project work prescribed for the course.

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**Sir Rizwan Afzal**

**(Lab Incharge)**

**Introduction:**

In this fast and changing era, information management and information technology is going to perform an important role to make life better. We are living in the mobile age during past some years. Cell phone revolution enhanced almost each and every aspect of human life and living standard. A Cellphone is laudably suited to handle any type of information and after that the processor takes this information; perform some basic operations and generate an output according the predetermined programs.

City Gold Ticket Booking is a mobile cell phone application, which can facilitate users to book tickets of movies in a multiplex theater. Users will be provided to book their tickets according to their choice of row and column in auditorium. Users can make this reservation according to their time and day. Payment facility is also a main part of this application. User can make a payment online through this application. Ticket Hold would also be provided; in this functionality, user can hold a ticket which he booked and he can pay physically at theater prior 30 minutes of show time.

This project is mainly divided into two modules. First it is Admin and the second one is User module, which is also called member module. In this module, uses an application associated with website of the City Gold Theater.

**Goals:**

When I think of this online booking process, standing in a queue and waiting for your turn comes first in my mind. People are sparing a lot of time just to get a ticket in theaters. They have to stand in a queue and that too has a risk of houseful for the show they are looking for. Basically, viewers are investing a lot of time from their hectic life. In many cases, viewers do not get their favorable seats on desired show time. In some situations, they have to compromise in the available seats. Secondly, viewers are facing the same problem while buying beverages and food. So, this is the point when this online booking application comes into an action. This mobile application can book a ticket remotely through Internet. Users have to log in first time and then they will be able to book a ticket. By using this application, user can select the location according his choice. Moreover, user can hold a ticket online. In this functionality, user can reserve a ticket and can pay 30 minutes prior to the show. In addition, user can buy food and beverages online. The condition is that, they have to select a theater they wish to go.

I have noticed some similar functionality in various applications. PVR cinemas and Regal cinemas are frequently used applications for the same purpose. They help to book a ticket online. These applications are showing upcoming movies in near future. They display the information about particular movie. User can buy food and beverages and they can pay online. Moreover, users are directed properly to make payments.

**Working:**

While talking about the better approach, City Gold Ticket Booking application has an initial functionality same as other applications have. It allows user to book a ticket online. Moreover, user can select a seat as per his choice. Giving the selection functionality to the viewers can attract customers, and eventually it can gain a business.

Secondly, Users can put their reservation on hold. In other words, they can reserve a ticket and pay before 30 minutes of the show time. Otherwise the reservation is going to be terminated. By this functionality, user can reserve a seat and all he needs to do is just go to the theater physically and pay for it. So, this functionality gives users the reliable way to pay for the reservation.

Thirdly, if user is on random location of the city, and he wants to go to the nearest theater; he only has to do log in to the application. Afterwards, user can find the nearest one and will get the proper directions towards the theater. This functionality gives users a convenient way to find the exact location of destination.

**Modules:**

As this application is more concerned about the theater and booking a ticket, so all the tasks are divided by the category of the users. There are mainly two categories of users. First, it is admin. Second, it is end user.

1. **Admin:** Admin can perform various tasks. Admin can add and remove the logical contents, which are directly connected to the services given by the application.

* Admin can add and remove the movies whichever he wants. He also can change movie trailers and promotional offers as well.
* Snacks in the Food & Beverages section can be altered by the admin.
* Admin has an authority to allow users and delete the account.
* Payment gateway can be handled by an admin.

1. **End User:**  End user can be of any age, and it can be a technical or not technical person. User can be of any profession. It can be a student, family person, doctor, engineer, and etcetera. Here is the common list of the task, which can be performed by the end user.

* Creating an account and signing in is the initial functionalities of the end user.
* End users can select a movie they wish to watch.
* Users can see the videos of upcoming movies.
* Users can book a ticket and also, they are allowed to select a seat.
* Payment gateway is also considered as a task, which can be performed by the end user.
* User of this application can find the nearest located theater from his current location.

**Mockups:**

 

 

 