

# PROJECT PROPOSAL

## Cinema Ticketing System

### DATABASE SYSTEMS

By

Miss Maria Rahim

**Submitted by:**

**Syed Muhammad Jaffer Abbas - 14965**

**Syeda Narjis Batool - 14869**

**Priyanka Ramrakhyani - 15112**

## Table of Contents

<b>Introduction .....</b>	<b>3</b>
<b>Database Design.....</b>	<b>3</b>
Entity Relationship Diagram.....	3
<b>Implementation .....</b>	<b>4</b>
Front End .....	4
Back End .....	4
Local Host .....	4
Wire-Framing.....	5
SMS Gateway.....	5
<b>Activity Diagrams .....</b>	<b>6</b>
Booking Ticket .....	6
Issuing Ticket .....	6
<b>Prototype .....</b>	<b>7</b>

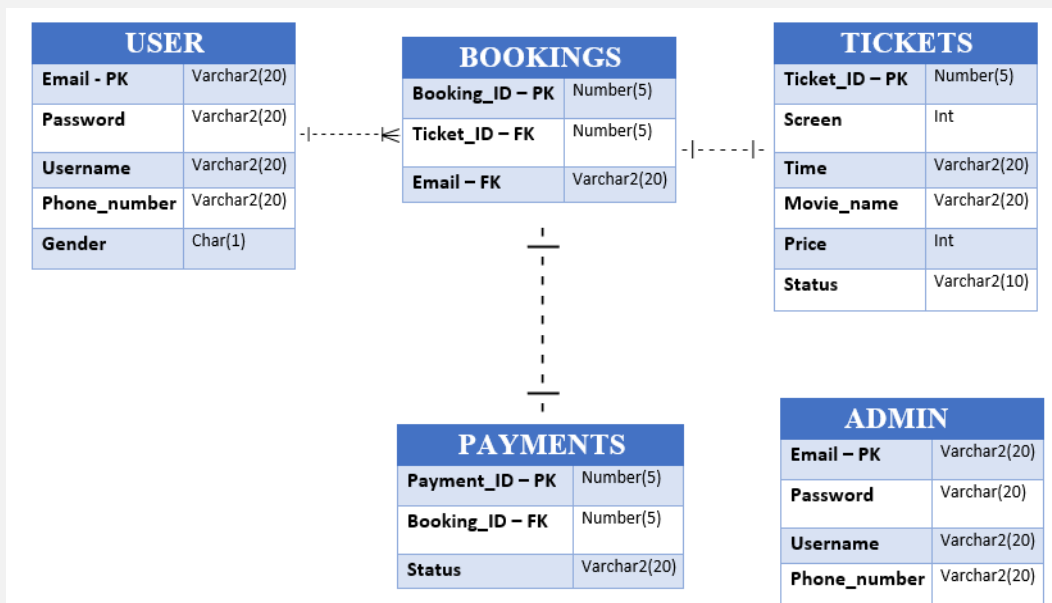
# Introduction

Cinemas are considered to be an integral part of cities and they contribute to the definition of a local geography and identity. Cinema ticketing system, an online ticket selling software that is easy to understand, easy to use and offers the simplicity of fast point-and-click service to the customers. Our project basically manages the ticket booking process of cinema, providing an interface to the user to book movie tickets in an easier way. At the front end we have used HTML and CSS and at the back end My SQL server and the laravel's framework for PHP. The project proceeds through a sequence of well-designed forms provided with validations to ensure consistency, reliability and most importantly correctness of information fed into the database.

## Database Design

### Entity Relationship Diagram

It describes how different entities (objects, items) are related to each other what attributes (properties) each entity has. It also includes the definitions of all the concepts (entities, attributes) of the application area.



## Implementation

### *Front End*

- HTML
- CSS

HTML is an acronym for Hyper Text Markup Language. It is a syntax which is used in this project to format text document on the web.

CSS is a short form for Cascading Style Sheets. It is a style sheet language used in this project for describing the look and formatting of a document written in a markup language.

### *Back End*

- MySQL
- PHP

MySQL is the world's second most widely used open-source relational database management system (RDMS).

PHP is a server-side scripting language designed for web development but also used as a general-purpose programming language. PHP code is interpreted by a web server with a PHP processor module, which generates the resulting web page.

### *Local Host*

- XAMPP

XAMPP is an open-source cross-platform web server solution stack package developed by Apache Friends, consisting mainly of the Apache HTTP Server, mariaDB database, and interpreters for scripts written in the PHP and Perl programming languages. It makes transitioning possible from a local test server to a live server.

### ***Wire-framing***

- WireframeSketcher

WireframeSketcher is a wire framing tool that helps designers, developers and product managers quickly create wireframes, mockups and prototypes for desktop, web and mobile applications.

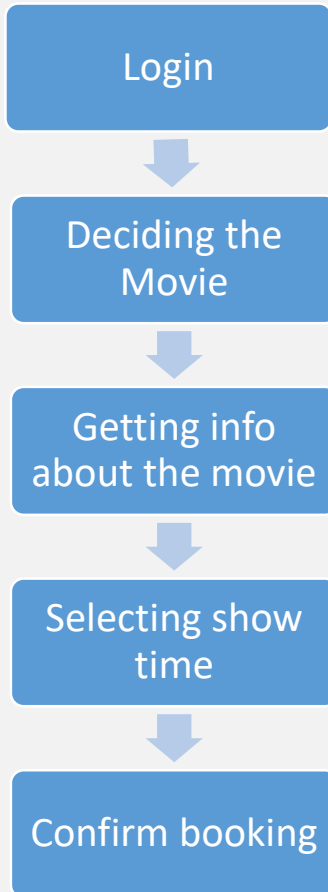
### ***SMS Gateway***

- Twilio

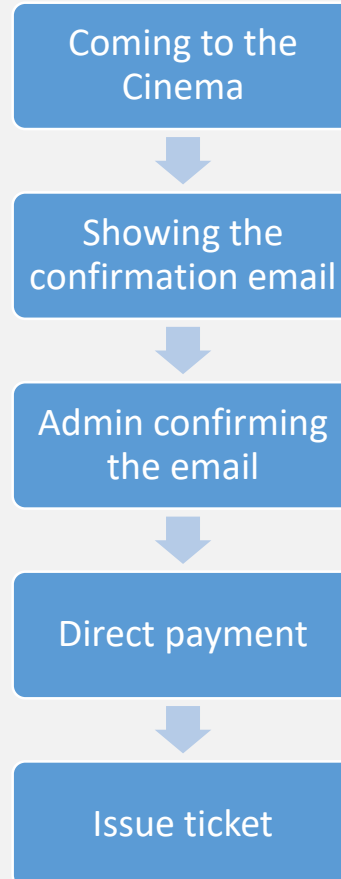
Twilio is a cloud computing platform which allows software developers programmatically to make and receive phone calls, send and receive text messages, and perform other communication functions using its web service APIs.

## Activity Diagrams

### *Booking Tickets*



### *Issuing Tickets*



## Prototype

### ***URL***

<https://drive.google.com/open?id=1q3UgaRBoPobzAlS6ofDERVsszjBS5uZj>