**Cinema Booking System**

Components:

* Welcome
* Login
* Sign up
* Movie List
* Ticket Order
* Confirmation page

**Welcome**

Welcome page will include login, sign up, movie list menus and movie banner.

**Login (Molomjamts)**

Login page subscribe user can login to cinema booking system using username, password. When user logged in, we will show movie list page and hide the login and signup menus.

**Sign up (Tsoodol)**

Sign up page will ask user information such as first name, last name, username, email, phone, and password. When user clicks on a signup button, system will validate all information. If it will valid then redirect to the movie list.

**Movie List (Tsoodol)**

Movie List page will show all available movie list. It will be shown after user logged in. When user select movie, it will redirect to ticket order page.

**Ticket Order (Molomjamts)**

User will select movie time, type (adult, children), price for adult and children, ticket count for each type and submit button and when user click submit, it will validate all information. If it will valid, shows confirmation page, otherwise error will be shown.

**Confirmation**

We will use Angular for Front-End, Node Express for Back-End, and Database will be MongoDB.

Also, we will use Redux for login state management.

**Mongo BSON design:**

Movie{

\_id:string,

name:string,

desc:string,

genre:string,

release:string,

director:[],

actors:[],

img:string,

schedule:[{

\_id:string,

startTime:string,

totalSeat:integer

}]

price:{

adultCount:integer,

childerCount:integer

}

}

User{

firstname:string,

lastname:string,

username:string,

email:string,

phone:string,

password:string,

userTickets:[{

movieId:string,

time:string,

adultCount:integer,

childrenCount:integer

}]

}

**Implementation Plan**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Action** | **Status** | **End Date** | **Start Date** | **Assigned to** |
| Create design for the cinema booking | Done | 2/3/2018 | 2/3/2018 | Molomjamts, Tsoodol |
| login page |  | 2/3/2018 | 2/4/2018 | Molomjamts |
| User registration |  | 2/3/2018 | 2/4/2018 | Tsoodol |
| Movie List |  | 2/5/2018 | 2/6/2018 | Tsoodol |
| Ticket Order |  | 2/5/2018 | 2/6/2018 | Molomjamts |
| Test |  | 2/6/2018 | 2/6/2018 | Molomjamts, Tsoodol |