SMCinema

Process Model

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# Contents

[1 Requirements 2](#_Toc352219484)

[1.1 UML 2](#_Toc352219485)

[1.1.1 UML - database 2](#_Toc352219486)

[1.1.2 UML – Class Diagram 3](#_Toc352219487)

[1.2 Use-Case Diagram 4](#_Toc352219488)

[2 Specifications 5](#_Toc352219489)

[3 Design 6](#_Toc352219490)

[3.1 Root page 6](#_Toc352219491)

[3.2 Movies page 6](#_Toc352219492)

[3.3 Selected Movie Page 7](#_Toc352219493)

[3.4 Sign-in page 7](#_Toc352219494)

[3.5 Forgot password page 8](#_Toc352219495)

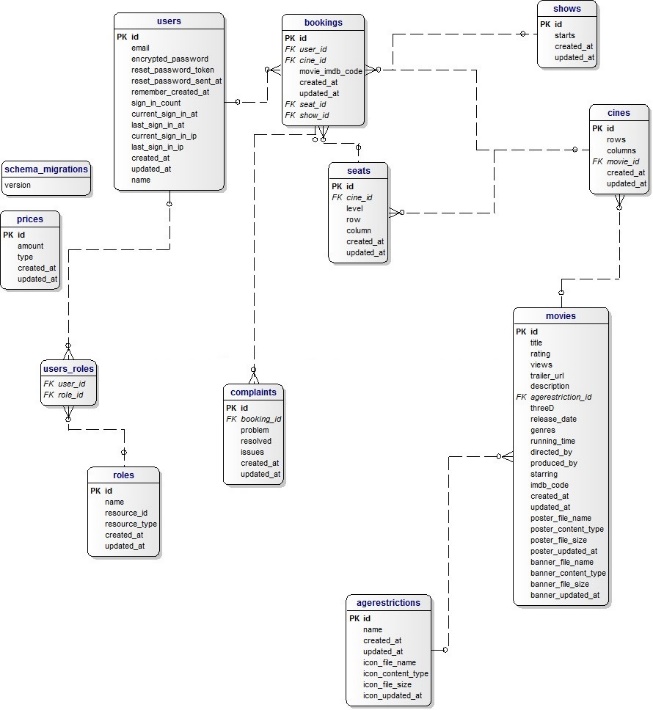
[3.6 Specials page 8](#_Toc352219496)

[3.7 Complaints page 9](#_Toc352219497)

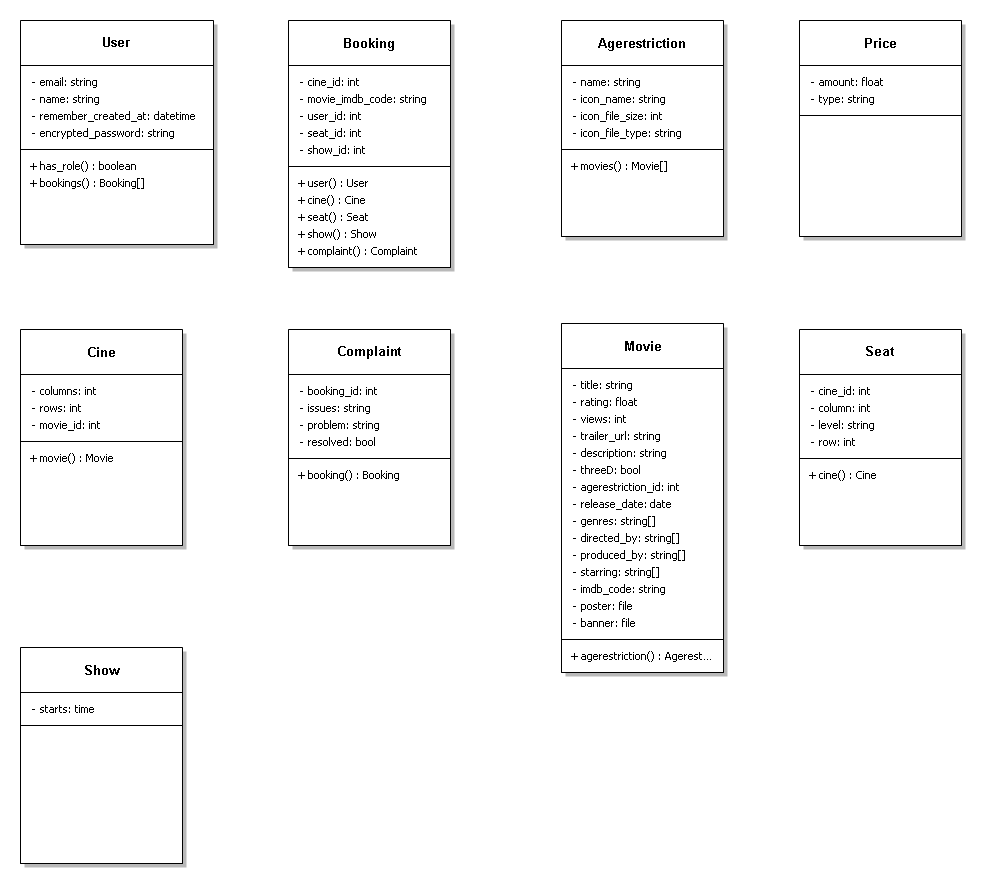
# Requirements

## UML

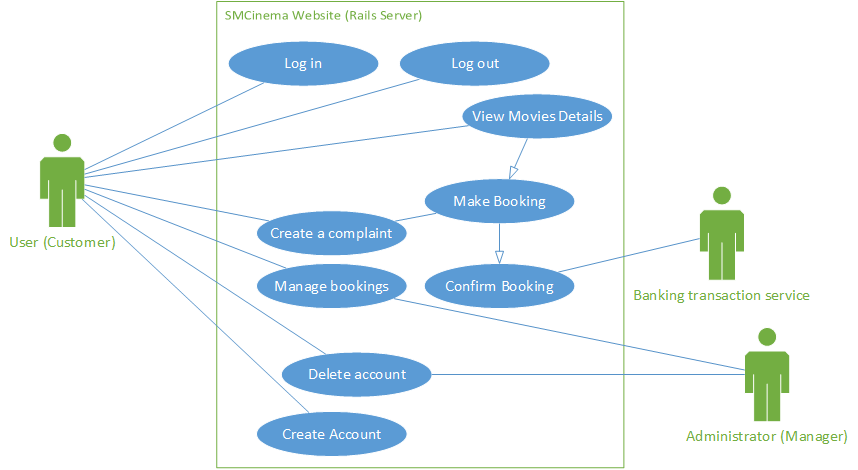
### UML - database



### UML – Class Diagram



## Use-Case Diagram

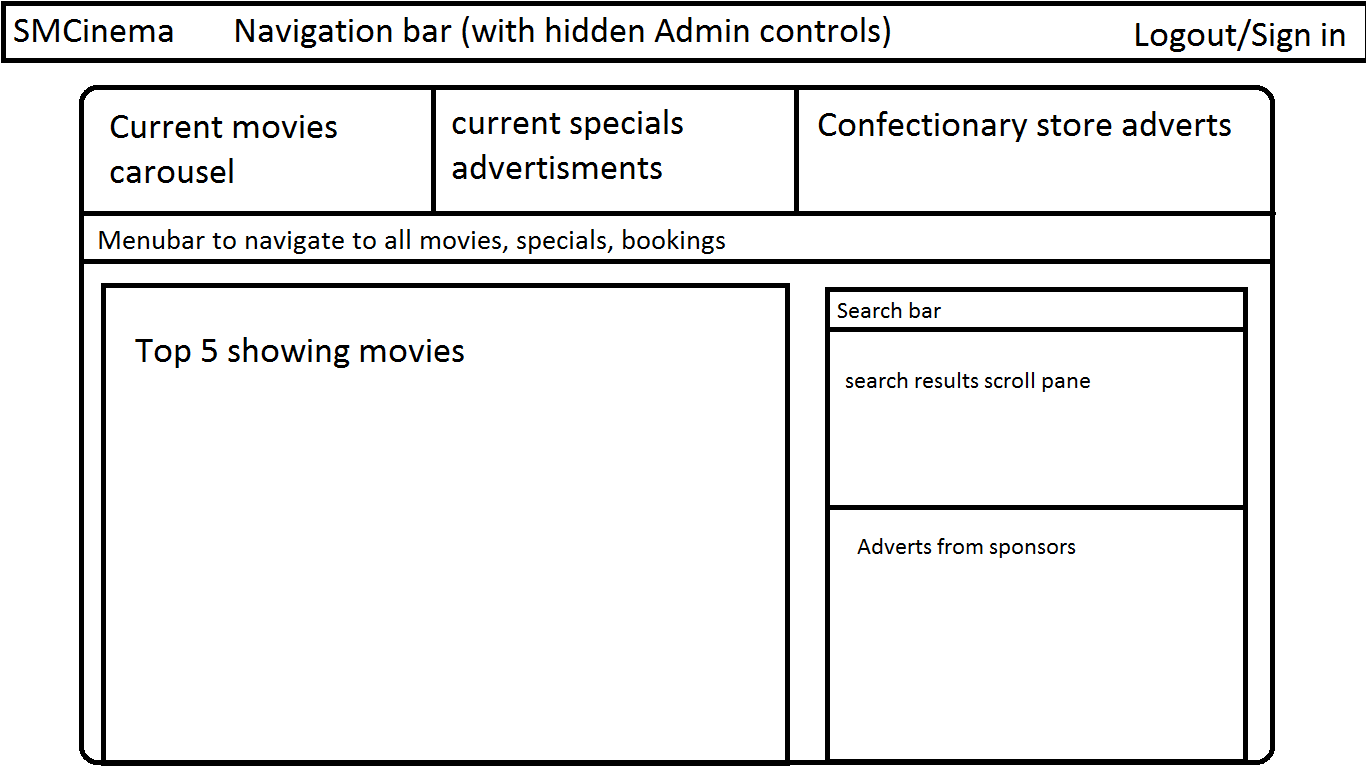


# Specifications

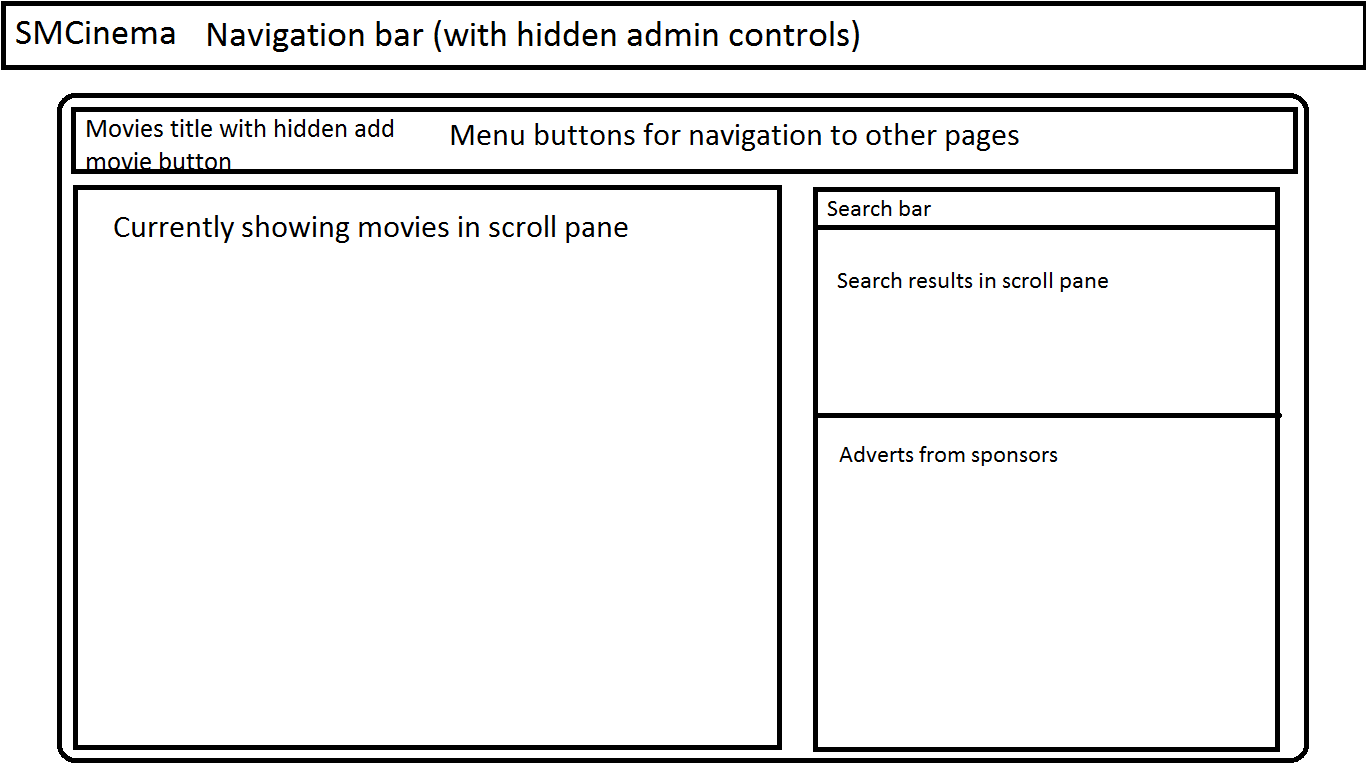
* Multiple user access levels (Customer, Manager)
* Monitor’s how many times a movie is watched
* Updates Movie’s details from imdb and/or tmdb
* Tracks last sign-in ipaddress
* Cross platform application
* Displays top 5 watched movies
* Displays all movies currently showing
* Allows for complaints
* Displays current specials
* Displays adverts for SMCinema confectionary store and other paying parties on each page
* Must be able to support at least 1024 simultaneous connections
* Encrypted passwords
* reset password facility
* Multiple show times per day(2pm, 8pm, 10pm)
* Allow for more show times to be added
* Handle bookings and cancellations
* Track all bookings and transactions for a management summary report
* Monitor pricing and mark-up percentages
* All users must be able to edit their own details and change their own password
* Administrator can change access level (from user role to admin role)
* New user must be able to sign up with a registration page
* filter movies by age restriction for each user

# Design

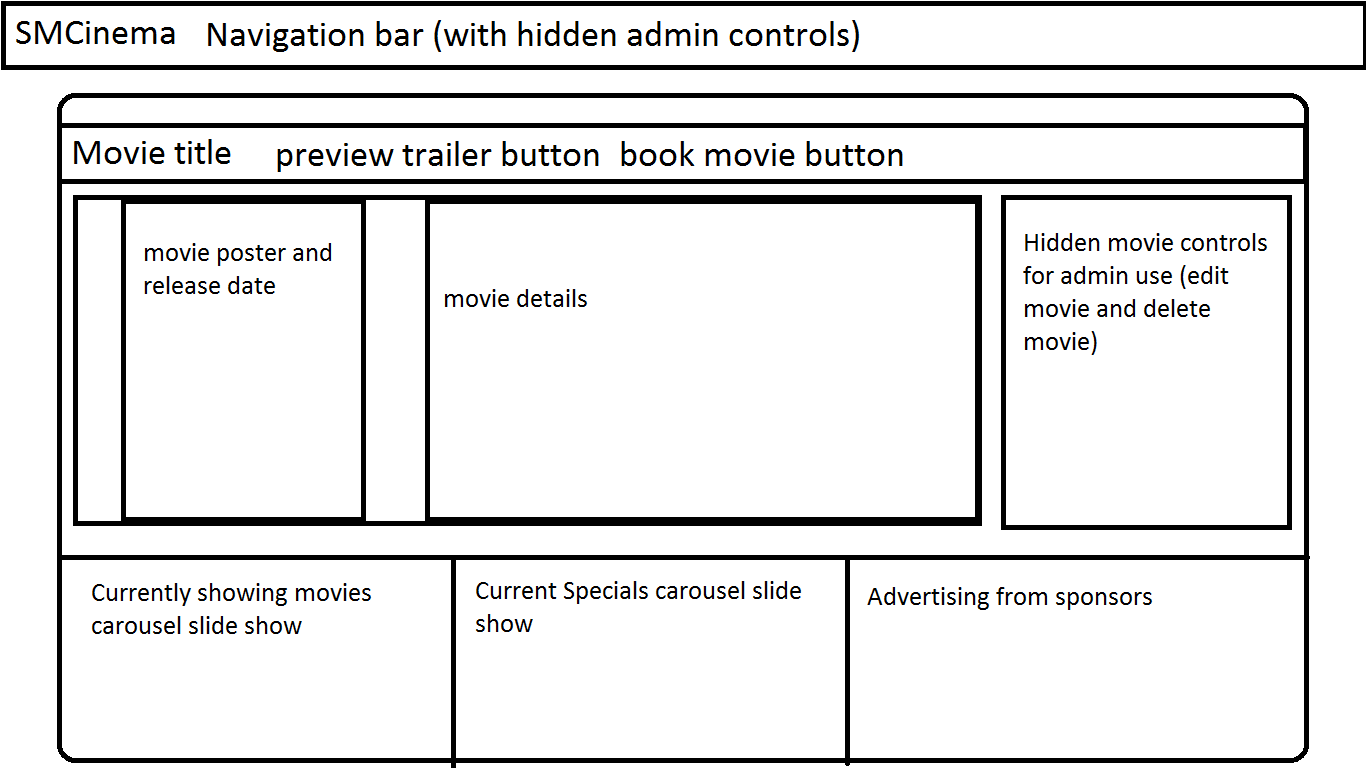
## Root page



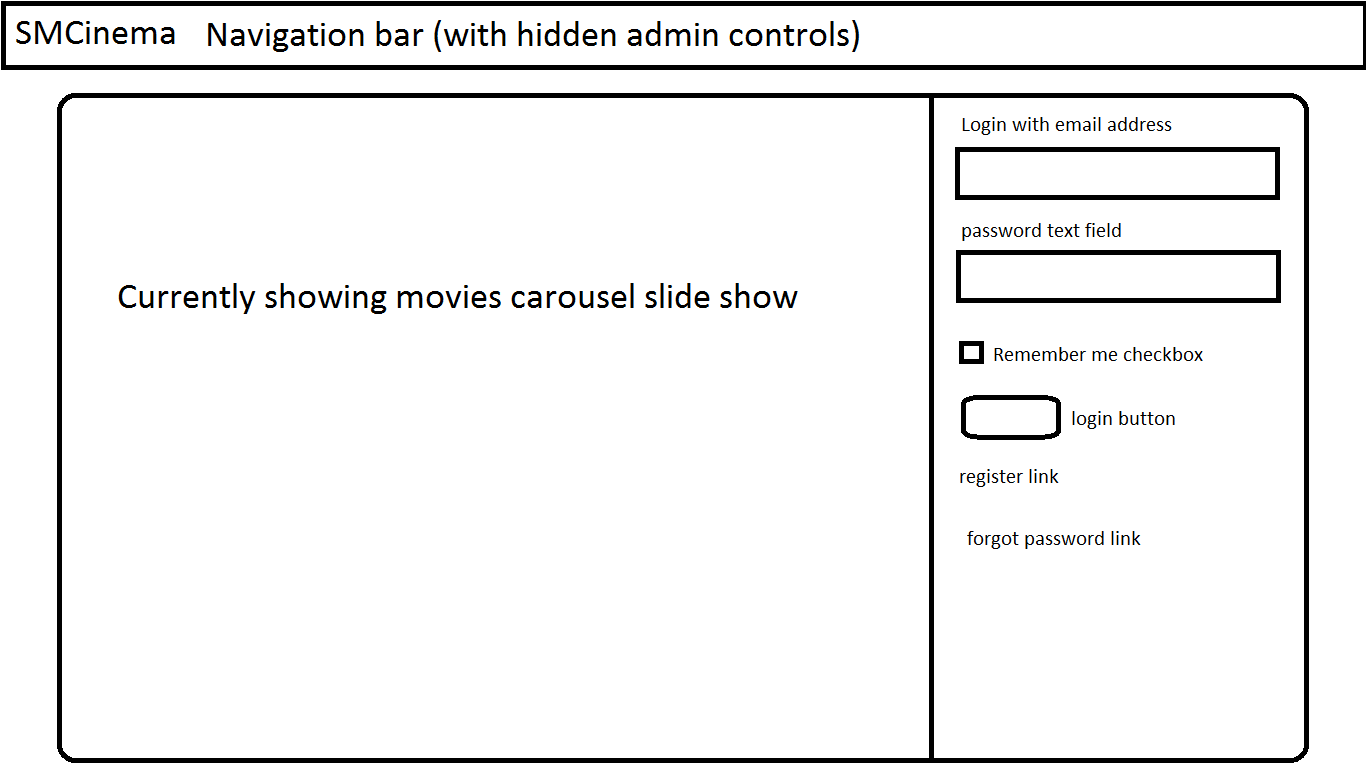
## Movies page



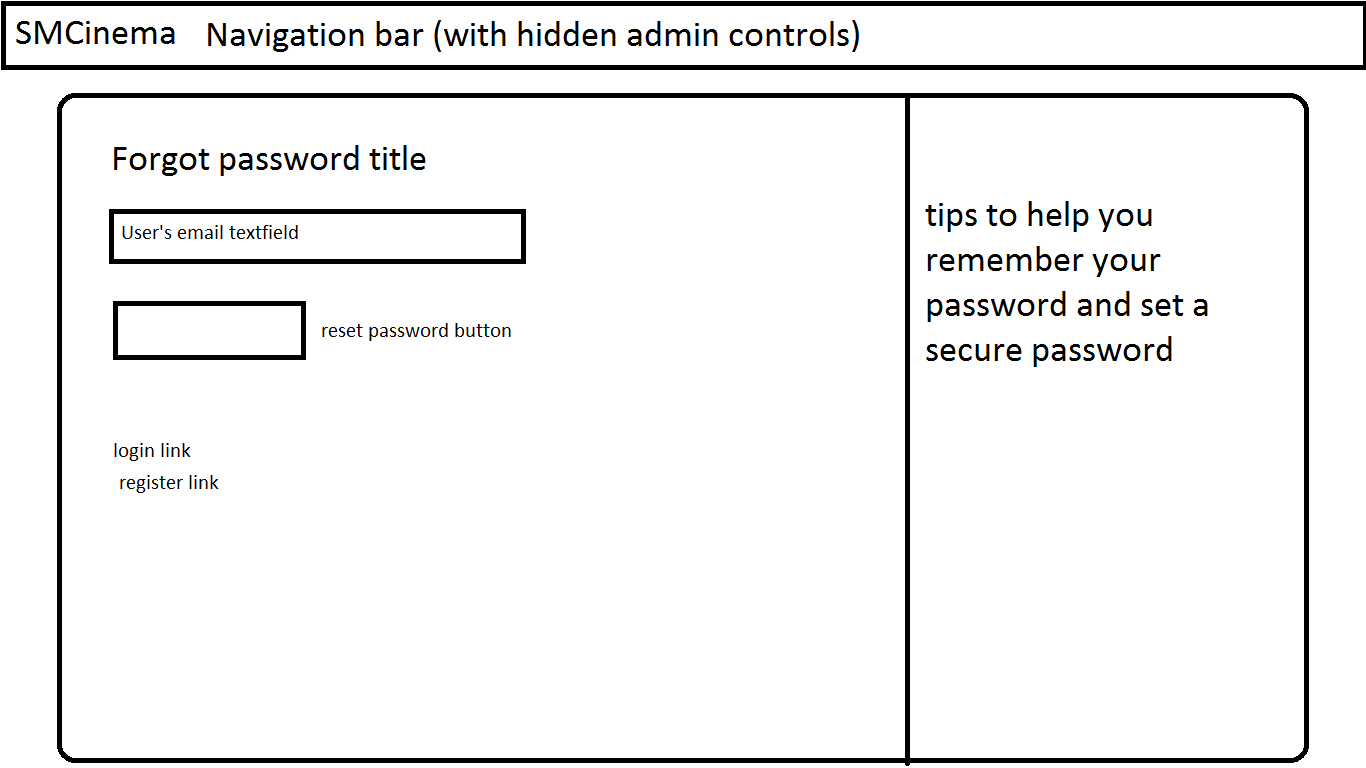
## Selected Movie Page



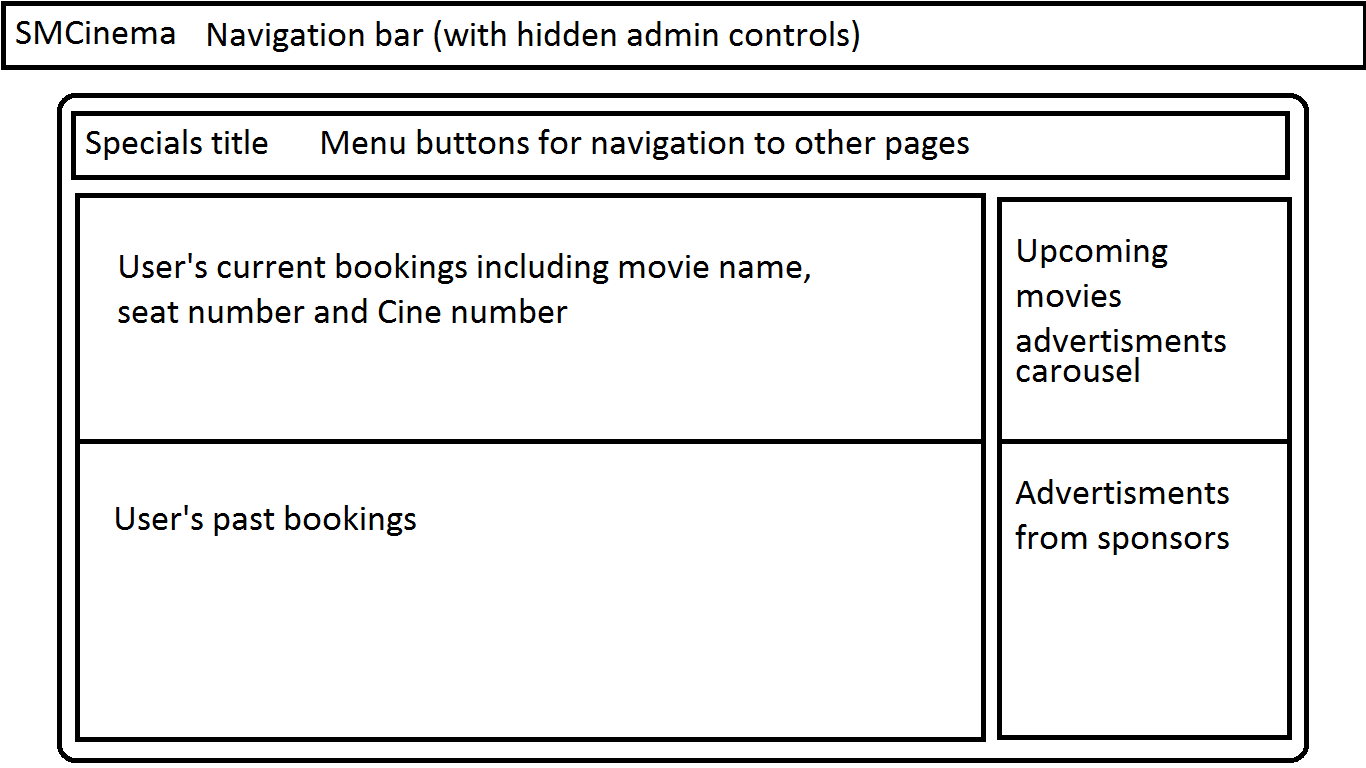
## Sign-in page



## Forgot password page



## Specials page



## Complaints page

