

MoviesEngine

Problem Statement

Nowadays, with the influx of movies, there are many different choices people have to make regarding cinema, time and seating. However, with the current system of doing this, consumers must traverse through many different cinema sites to find the ideal times and prices that they want. This is an inconvenience to many moviegoers who simply just want to find the time that is most suitable for them. We want to propose a system which allows the following:

- Writing reviews and giving ratings
- Reading reviews and seeing ratings
- Comparison of cinema prices
- Filter movies by genre
- Save movies on to a watch list
- Locations of the closest cinemas
- Search cinemas by clicking on a movie

User Stories

US1

Feature Filter cinemas by price

As a Consumer

So that I can find the ticket within my budget.

I want to Filter my cinema search result according to the price range of a cinema

GIVEN I am on MoviesEngine Homepage

WHEN I click on “filter cinemas”

THEN I should see a drop-down list

WHEN I click on “By Price” and select the max and min prices

AND I press the “search” button

THEN I should see all the cinemas selling tickets within my price range

US2

Feature Filter cinemas by time

As a Consumer

So that I can find all movies in all cinemas at the time that is most ideal for me.

I want to Filter my cinema search result according to my preferred time

GIVEN I am on MoviesEngine Homepage

WHEN I click on "filter cinemas"

THEN I should see a drop-down list

WHEN I click on "By Time" and select my preferred time

AND I press the "search" button

THEN I should see all the cinemas selling tickets for movies at my selected time

US3

Feature Filter all cinemas by location

As a Consumer

So that I can find the closest cinema to me.

I want to Enter any address and able to find cinemas near that address

GIVEN I am on the Find Cinema Page

WHEN I type in my address and click search

THEN I should see all the cinemas near my selected location

US4

Feature Find available seating

As a Consumer

So that I can sit in the best possible spot

I want to Be able to book a seat after I have chosen a movie and a cinema

GIVEN I am on the MoviesEngine homepage

WHEN I click on seating

THEN I should be redirected to the seating map of the original cinema showing all taken and not taken seats.

WHEN I click on a seat

THEN I should be able to book the seat

US5

Feature Rate and review movies

As a Consumer

So that I can help others to select movies to watch

I want to Rate and review movies

WHEN I click on the "Write a review button" on the movie page

THEN I should be able to write a review and give a rating

WHEN I press submit

THEN my review should be permanently saved on to the page

US6

Feature Find all cinemas showing a movie

As a Consumer

So that I can find the cinemas showing the movie I want to watch.

I want to Search for all cinemas showing the movie I want to watch

GIVEN I am on Movie page

WHEN I click on "Search"

THEN I should see all the cinemas showing the movie I want to watch

US7

Feature Read reviews and see ratings

As a Consumer

So that I can make informed decisions about seeing a movie

I want to Read reviews and see ratings of a movie

GIVEN I am on a Movie page

WHEN I click on reviews

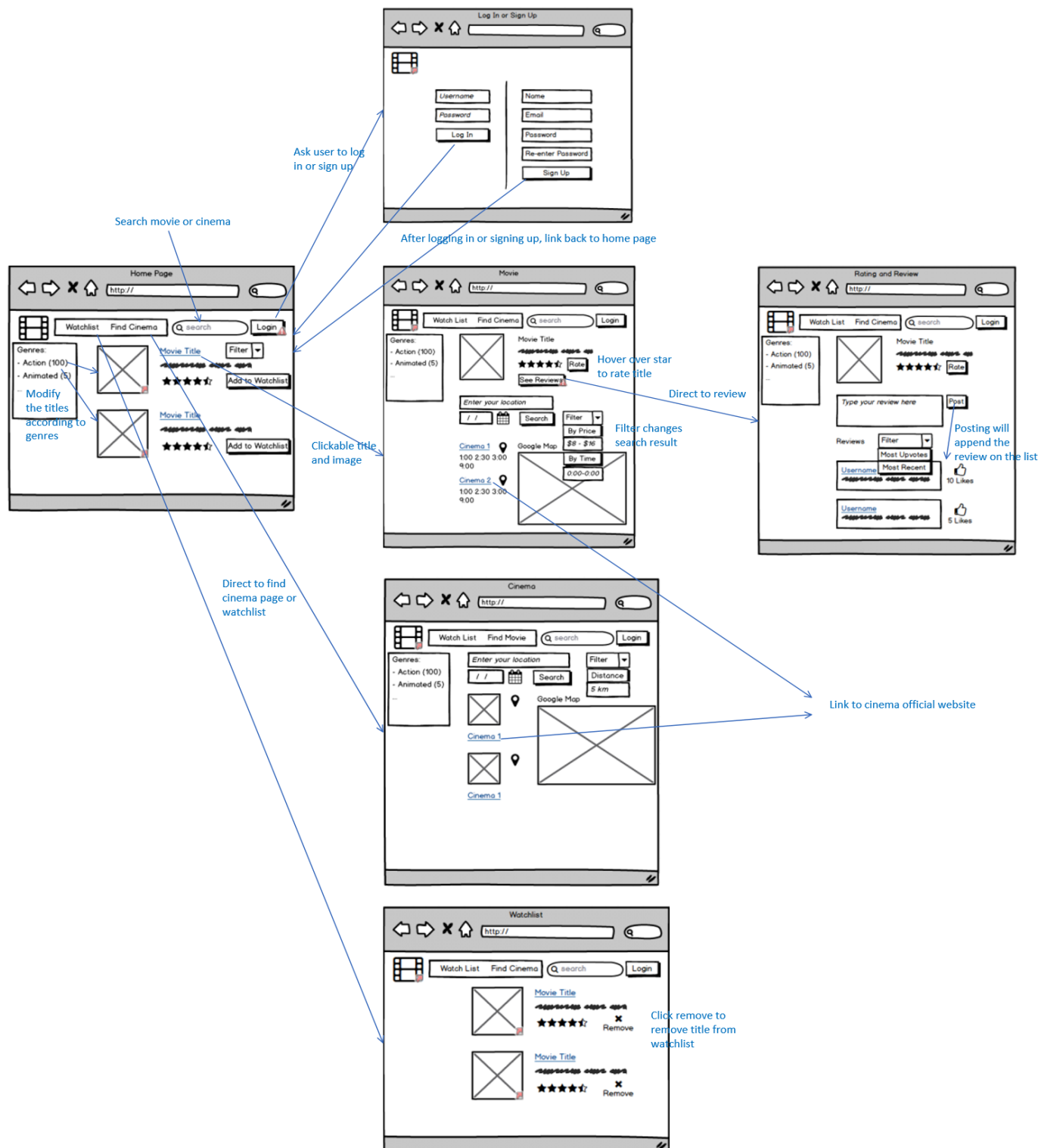
THEN the average rating and reviews from others should be displayed

AND reviews can be read sorted by sorting preference

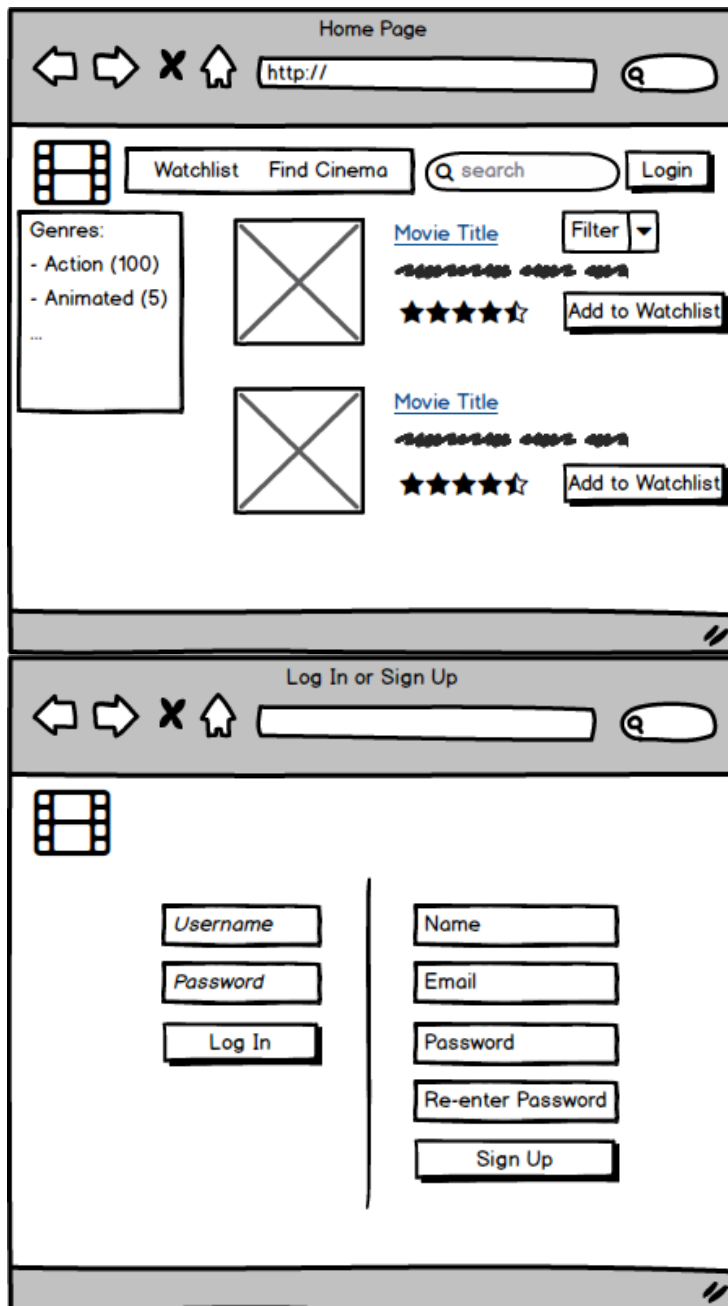
US8**Feature** Upvote reviews**As a** Consumer**So that** I can help other users know the credibility of a review**I want to** Upvote reviews that I find useful**GIVEN** I am on a Movie page**WHEN** I click on a review**THEN** I should be able to upvote the review**US9****Feature** Filter all movies by genre**As a** Consumer**So that** I can find the movies which appeal to my interests.**I want to** See movies of my selected genre**GIVEN** I am on MoviesEngine Homepage**WHEN** I click on any genre**THEN** I should see all movies for the selected genre**US10****Feature** Add movies to watchlist**As a** Consumer**So that** I remember which movies I would like to watch.**I want to** Add movies to my own watchlist**GIVEN** I am on MoviesEngine Homepage and logged in as a user**WHEN** I click on "Add to watchlist" button of any movie**THEN** I should be taken back to my watchlist with the selected movie added to my list**US11****Feature** View all movies in Watchlist**As a** Consumer**So that** I can find which movies I added to my watchlist.**I want to** View all movies I added to my watchlist**GIVEN** I am on MoviesEngine Homepage and logged in as a user**WHEN** I click on "My Watchlist"**THEN** I should see all the movies I added to my watchlist

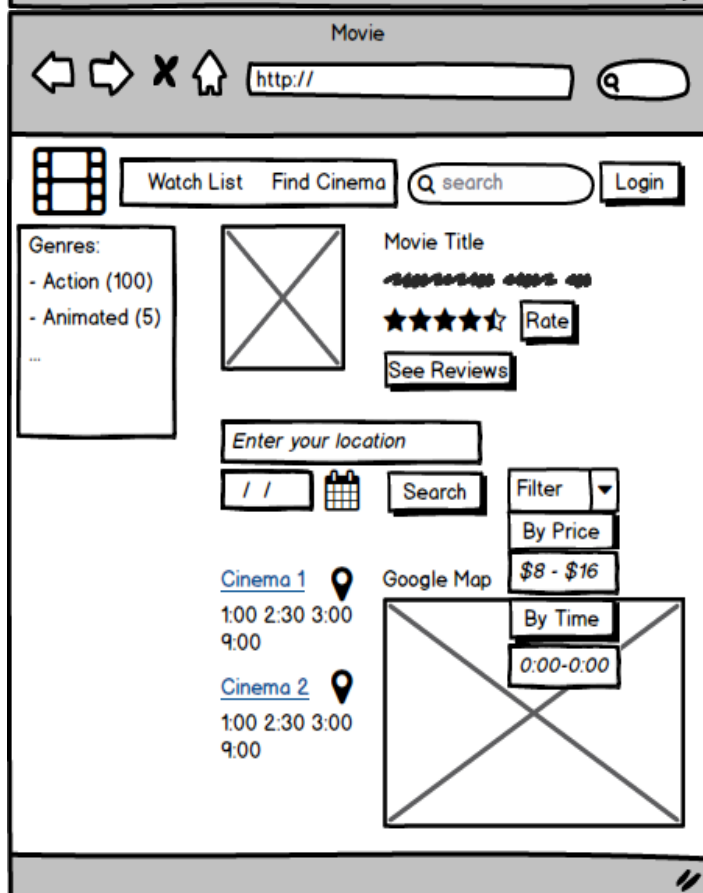
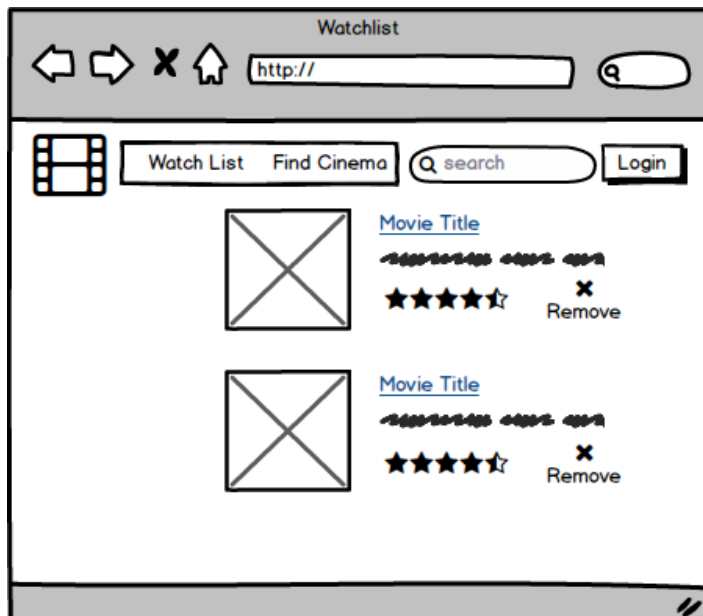
US12**Feature** Search for a movie**As a** Consumer**So that** I can save time finding a movie**I want to** Search for a movie**GIVEN** I am on MoviesEngine Homepage and enter the name of a movie to the search bar**THEN** I should see the movie's information and which cinema is playing the movie**US13****Feature** Compare prices on different days**As a** Consumer**So that** I can find the cheapest ticket possible**I want to** See ticket prices at different cinemas on different days**GIVEN** I am on a Movie page**THEN** I should see the ticket prices at different cinemas on different days**US14****Feature** See upcoming movies**As a** Consumer**So that** I can get an early ticket**I want to** See all upcoming movies**GIVEN** I am on a MoviesEngine Homepage and filter by 'Coming Soon'**THEN** I should see a list of upcoming movies

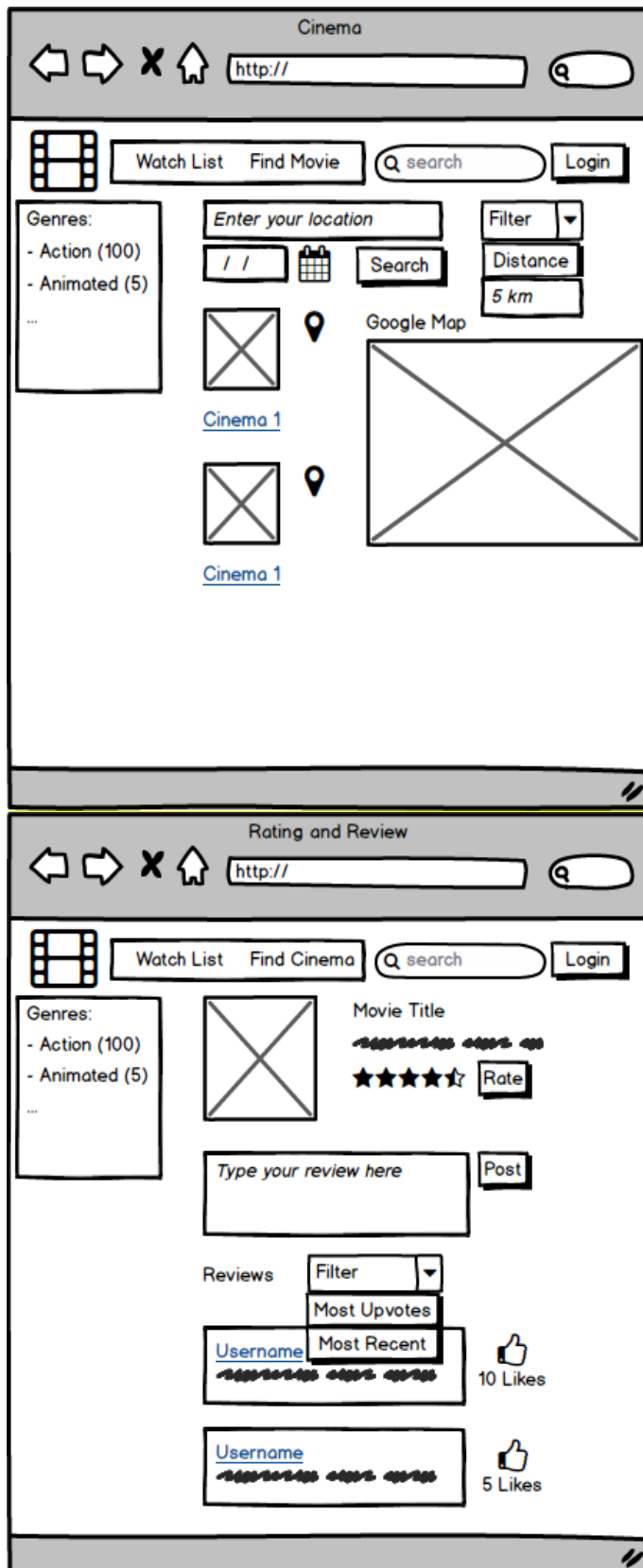
Low-Fidelity Prototype



A closer look to each page in the prototype:







High-Fidelity Prototype

<https://focd2s.axshare.com>