

Full Stack – Final Project

You need to create a Web application for Movies & Subscription management.

The Front End layer would be implemented with React and the Back End would be implemented with Node.JS

The Data Layer :

The data will be stored in a MongoDB and will store following:

Users (The users that allow to log in to the web site)

- ID (PK)
- Full Name
- Username
- Password

Movies

- ID (PK)
- Name
- Year premiered
- Genres (an array of strings)
- An image url
- Subscriptions (MembersID)

Members

- ID (PK)
- Full Name
- Email
- City
- Subscriptions (MoviesID, Date)

Pages & Procedures

1. Login Page

The home page of the system. A page with username & password text box and a "Login" button. A successful log in redirect to "Main" Page.

Once a user logged in – his name will be presented in all the site pages

2. Movies Page

This page has a menu with 2 options:

- "All Movies" page
- "Add Movie" page

3. "All Movies" Page

Present all movies in a list. Each movie has it's name, year, image, "edit" & "delete" buttons, and subscriptions of all the members that watched this movie (name + date)

Each subscriber's name is a link.

Movies - Subscriptions Web Site

[Movies](#) [Subscriptions](#) [Log Out](#)

Movies

[All Movies](#) [Add Movie](#) Find Movie : [Find](#)

Under the dome , 2016

genres: "Drama", "Science-Fiction", "Thriller"



Subscriptions watched

- [Avi Cohen](#), 12/11/1998
- [Dana Levy](#), 01/10/2001

[Edit](#)

[Delete](#)

Arrow , 2002

genres: "Drama", "Science-Fiction"



Subscriptions watched

- [Gil Milo](#), 12/11/1995

[Edit](#)

[Delete](#)

- A click on "Edit" button will redirect to "Edit Movie" page
- A click on "Delete" button will delete all the movie's data from the server, including from the subscription's watched movies list
- A click on the Subscriber link will redirect to the "Member" page

- Enter movie name phrase and click on the “Find” button” will present the same page with the match movies

4 – “Add Movie” Page

This page allows to create a new movie

Movies - Subscriptions Web Site

Movies

Subscriptions

Log Out

Movies

All Movies

Add Movie

Name : The GodFather

Genres Drama,Thriller

image url http://www.someurl.jp

Premired 2020

save

cancel

- A click on “Save” button will save the new data in the DB
- A click on “Cancel” button will redirect to the “All Movies” page

5 – “Edit Movie” Page

This page allows us to update a movie data

Movies - Subscriptions Web Site

Movies

Subscriptions

Log Out

Movies

Edit Movie : Under the Dome

Name :

Genres

image url

Premired

- A click on “Update” button will save the updated data in the DB
- A click on “Cancel” button will redirect to the “All Movies” page

6 – “Subscriptions” Page

This page manages all the members and their movies subscriptions

This page has a menu with 2 options:

- All Members (Default) – present “All Memebers” page
- Add Member – present “Add Member” page

7 – “All Members” Page

This page presents all the members and their movies they watched (subscribed to)

- Click on the “edit” button will redirect to “Edit Member” page
- Click on “Delete” button will delete all the user’s data (including the relevant data from the movies data sources)

Movies - Subscriptions Web Site

Movies

Subscriptions

Log Out

Subscriptions

All Members

Add Member

Avi Cohen

Email : avi@gmail.com

City : Tel Aviv

Edit

Delete

Movies Watched

Subscribe to new movie

- [Under the dom](#) , 12/5/ 2019
- [Arrow](#), 17/5/ 2017

Dana Levy

Email : Dana@gmail.com

City : Haifa

Edit

Delete

Movies Watched

Subscribe to new movie

The “Watched Movies” section includes a list of links to the movies the member watched, and the date he watched them. It also has a button for subscribing to a new movie.

- A click on a movie link will redirect to “All Movies” page
- A click on “Subscribe on new movie” button will open a new section with a drop down with all the movies

Movies - Subscriptions Web Site

Movies

Subscriptions

Log Out

Subscriptions

All Members

Add Member

Avi Cohen

Email : avi@gmail.com

City : Tel Aviv

Edit

Delete

Movies Watched

Subscribe to new movie

Add a new movie

Big

28 / 05 / 2020

Subscribe

- [Under the dom](#) , 12/5/ 2019
- [Arrow](#), 17/5/ 2017

- Click in "Subscribe" will add the subscription of that movies (at that date) to the member
- Another click on "Subscribe to new movie" button will close the "add new movie" section

8 – "Edit Member" Page

This page allows us to edit the member's data

Movies - Subscriptions Web Site

Movies

Subscriptions

Log Out

Members

Edit Member : Avi Cohen

Name :

Email

City

- Click on "Update" button will update the member's data
- Click on "Delete" button will redirect back to the "All Members" Page

9 – "Add Member" Page

This page allows us to add a new member

Movies - Subscriptions Web Site

Movies

Subscriptions

Log Out

Subscriptions

All Members

Add Member

Add new Member

Name :

Email

City

- Click on “Save” button will create the new member
- Click on “Delete” button will redirect back to the “All Members” Page

End