



---

## Assignment # 2 Javascript

---

Basic Social Media App



NOVEMBER 22, 2022

PROGRAMMERS FORCE

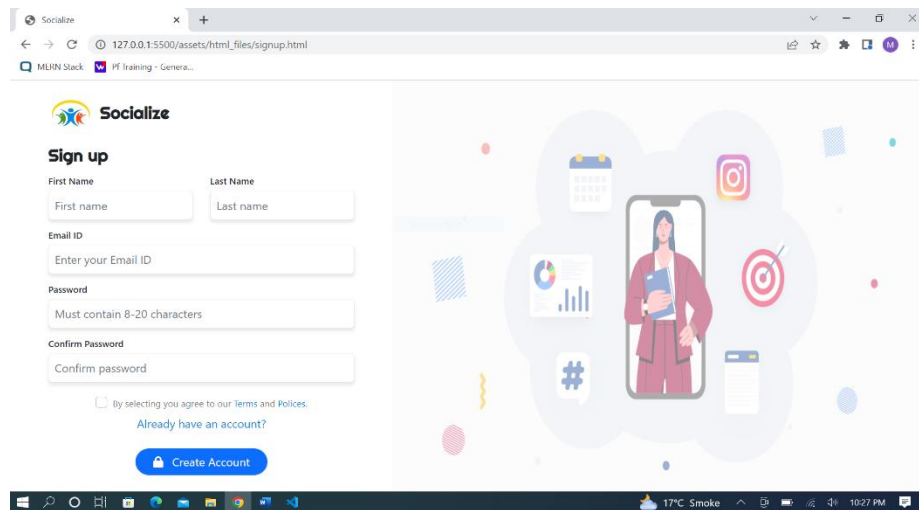
# Project Title: Basic Social Media App

## Requirements

Out of 13 requirements of this project, 2 are not feasible because of API response. The description of each task is as follows:

### Task 1:

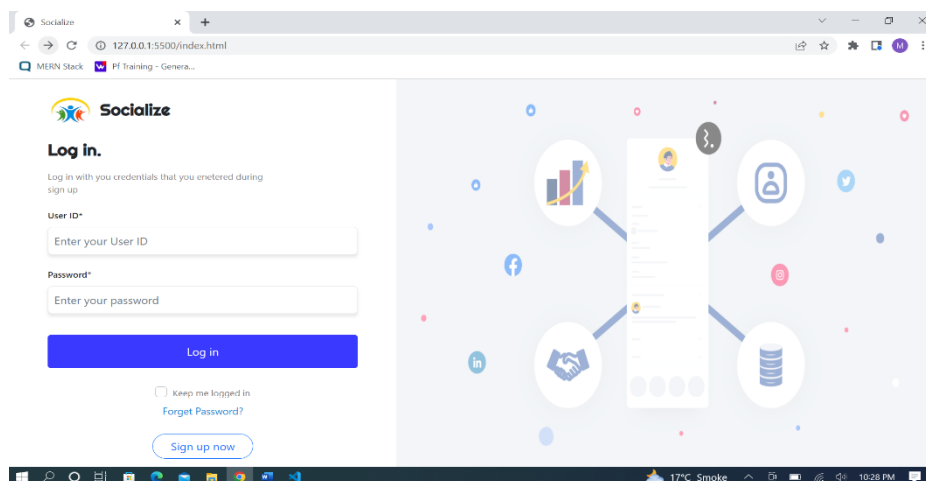
In this task, our system should be able to register the new user to the website. For this task, a simple sign-up form is built with specific validations for the input. User has to fill out the login form with the right information and after validating the data system stores the data in the object.



The screenshot shows the 'Sign up' page of the Socialize application. The page has a light purple background with a central illustration of a woman on a smartphone surrounded by social media icons. On the left, there is a form with the following fields: 'First Name' (placeholder: First name), 'Last Name' (placeholder: Last name), 'Email ID' (placeholder: Enter your Email ID), 'Password' (placeholder: Must contain 8-20 characters), and 'Confirm Password' (placeholder: Confirm password). Below the form, there is a checkbox for 'By selecting you agree to our Terms and Policies.' and a link 'Already have an account?'. A blue 'Create Account' button is at the bottom of the form. The browser address bar shows '127.0.0.1:5500/assets/html\_files/signup.html'.

### Task 2:

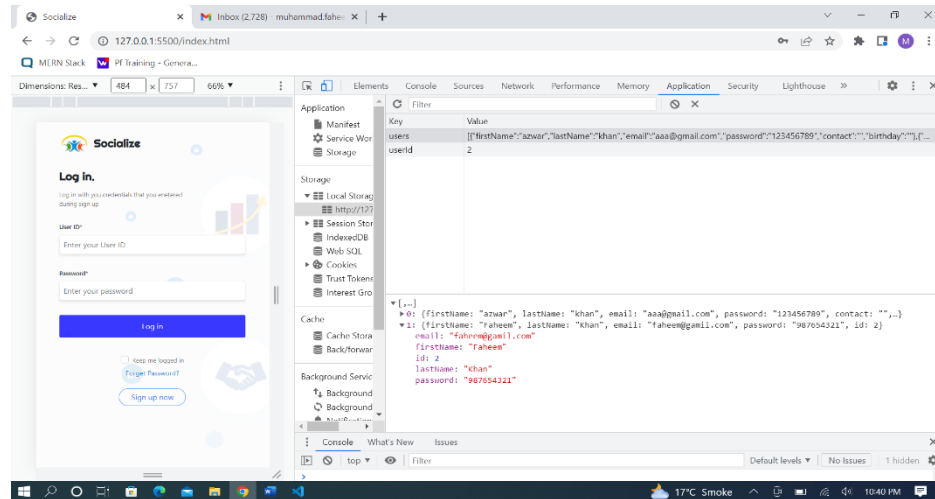
In this task, system should redirect the user to login page after usefully registering on website.



The screenshot shows the 'Log in' page of the Socialize application. The page has a light purple background with a central illustration of a smartphone displaying a user profile, surrounded by social media icons. On the left, there is a form with the following fields: 'User ID\*' (placeholder: Enter your User ID) and 'Password\*' (placeholder: Enter your password). Below the form, there is a blue 'Log in' button. At the bottom, there is a checkbox for 'Keep me logged in', a link 'Forgot Password?', and a 'Sign up now' button. The browser address bar shows '127.0.0.1:5500/index.html'.

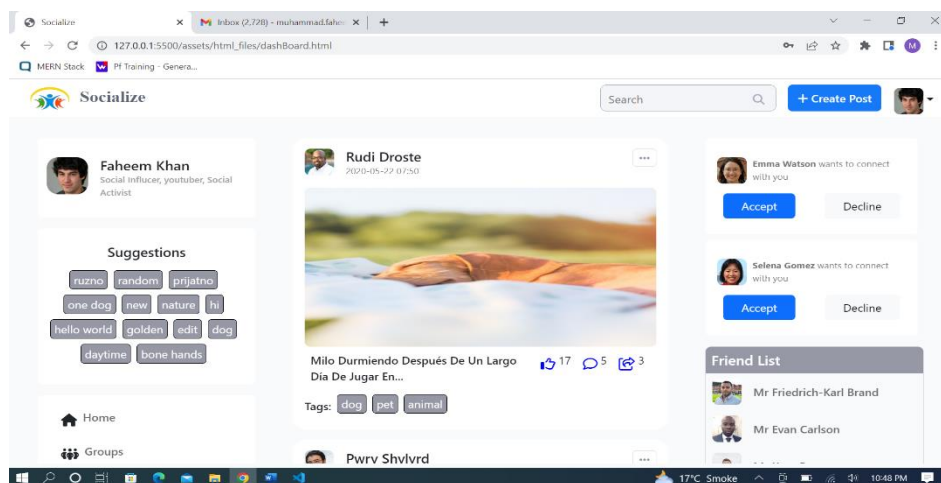
### Task 3:

In this task, system should be able to store the user data in local Storage and user can login using those credentials. System is able to store multiple users in local Storage and after login in the current user data is stored in session Storage to reuse or to simply make data handling easy when multiple users are entertained.



### Task 4:

In this task, system shall display first 10 posts using API. For this task, I have simply login on dummyapi.io and get the app-id token. Simply fetch the data and display the HTML dynamically using JavaScript. I have built a generic function for API calling and reuse it in various API calling.



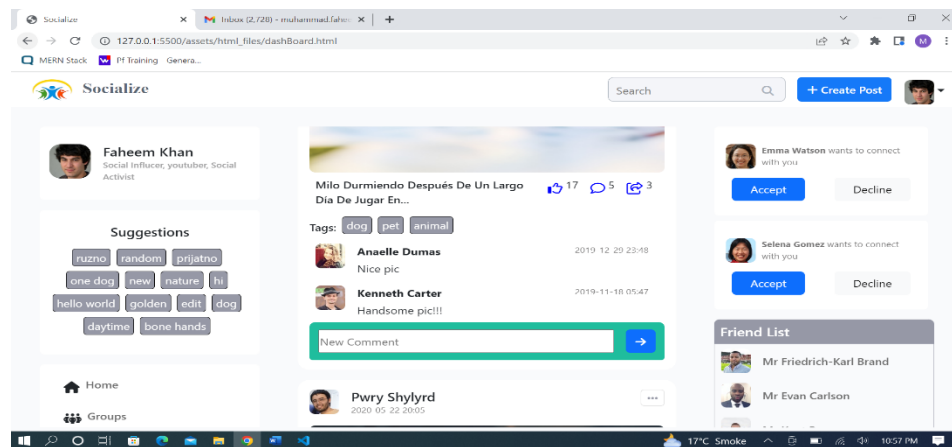
### Task 5:

In this task, system should display next 10 post once user reach at bottom. I have tried to do it with infinite scrolling but due to lack of time could not implement it properly. I tried to put addEventListener

on window object for the event of scrolling hopefully I will try it again and will implement it in near future.

### Task 6:

In this task system should display comments with each post. I have attached an onclick event to comment which dynamically generate the HTML for comments section and place it in post block.



### Task 7:

The system shall enable users to see posts by a specific user. The API linking to this task is not working properly.

### Task 8:

In this task, system should display as the tags to the users using an API response. I have shown these tags in suggestion block. I have taken 5 to 15 tags using a slice method because there are about 2000+ tags in response of API I simply eliminate the starting tags because they are empty.

### Task 9:

In this task, system should allow users to delete the comment. I haven't implemented it in code due to time shortage but have an idea how we can implement it. We can use onclick method and get the element using event.target and eliminate that element from comment array using splice method and again call the function to display comment with array having deleted element.

### Task 10:

In this task, system should allow user to edit comment. I haven't implemented it in code due to time shortage but I will try it.

### Task 11:

The system shall allow the user to see details of other users. The API linking to this task is not working properly.

### Task 12:

In this task, system should allow user to edit his/her profile. In have made a toggle button on top which simply shows 3 options from where user can delete account, logout and edit profile. After editing profile, system redirect the user to dashboard with updated info of profile and store the new data into local storage.

The screenshot shows a web browser window with the URL `127.0.0.1:5500/assets/html_files/profileEdit.html`. The page features a header with the 'Socialize' logo, a search bar, a 'Create Post' button, and a user profile picture. The main content area is titled 'Edit your Profile here' and contains a form with the following fields:

- First Name
- Last Name
- Birthday (mm/dd/yyyy)
- Gender (Male/Female radio buttons)
- Email
- Phone Number
- Password
- Confirm Password

An 'Update' button is located at the bottom of the form. A Windows watermark is visible in the bottom right corner of the browser window.

### Task 13:

In this task, the system should allow the user to logout and redirect it to the login page and not allow the user to simply use the page backward option to come to the dashboard again. I have used `window.location.replace(url)` for this task by using which system won't remember the previous page.

## Conclusion

The overall experience of this assignment is quite good because after completing this assignment many concepts are cleared regarding APIs, data fetching and adding data dynamically to DOM using DOM manipulation techniques and methods. One thing which I have to focus on is to manage time. I have spent a lot of time writing code having an async function fetching data for each API call and then cleaning up my code by making generic functions and resolving the issues when cleaning the code.

### Requirements:

1. The system shall enable the user to register on the website
2. The system shall redirect the user's login page after a successful registration
3. The system shall allow the user to log in (save user data in localStorage, including token, etc)
4. The system shall display all the posts to users(10 posts)
5. The system shall display the next 10 posts after reaching the bottom(scroll to the end)
6. The system shall display comments with each post
7. The system shall enable users to see posts by a specific user
8. The system shall display all the tags to the user
9. The system shall allow the user to delete the comment
10. The system shall allow the user to edit the comment
11. The system shall allow the user to see details of other users
12. The system shall allow the login user to update his/her details
13. The system shall allow the user to logout