**Social Media App – JavaScript Project**

**Project Advisor:**

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**Submitted By:**

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**Frontend Trainee Batch**

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**Introduction:**

In this project I have built a social media website using Fake API. This fake API is used to display

User Posts, friends, post comments and tags. The system enables users to display posts, comments, and user profile on the basis of tags, display posts on the basis of users, edit user

profile, display other user profiles.

**Purpose:**

The purpose behind this assignment is to improve my skills in HTML, CSS, Bootstrap & JS. At the end of this assignment, I will have significant grip on frontend designing and core concepts of JS which include API calling using fetch, promises, async/await, objects and local Storage.

# **Requirement Elicitation:**

Table 5: List of Requirements

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **RID** | **Description** | **Category** | **Attribute** | **Details & Boundary Constraints** |
| FR1.1 | The user shall login into the system. | Functional Requirements | Login interface | * Enter Login id. * Enter login password. * Reset forgotten password. |
| FR1.2 | User shall Sign Up into system. | Functional Requirements | Sign Up Interface | * Full Name. * Email. * Phone. * Password. * Confirm Password. |
| FR1.3 | User shall be able to visit different menus. | Functional Requirements | Home Page | * Home. * User profile. * User Posts. * Posts by tags. |
| FR1.4 | 10 posts of first user will be displayed automatically | Functional Requirement | Home Page | * Load 10 post by default |
| FR1.5 | System should load 10 posts on reaching the bottom of page | Functional Requirement | Home Page | * Load 10 post on reaching the bottom of page |
| FR1.6 | On clicking on specific user his posts should be load |  |  | * Load 10 post on of specific user |
| FR1.7 | The system shall display comment on each post | Functional Requirement | Home Page | * Load comment on each post |
| FR1.8 | The system shall allow user to see details of other users | Functional Requirement | Home Page | * Display specific user profile |
| NFR2.1 | Accuracy of the system. | Non- Functional Requirements | Interface | This system will give accurate and precise results on searching. |
| NFR2.2 | Adaptability of the system. | Non- Functional Requirements | Interface | * This system will easily available to operate and use. |
| NFR2.3 | Correctness of the system. | Non- Functional Requirements | Interface | * This system will fulfil all the functional and non-functional requirements |
| NFR2.4 | Portability of the system. | Non-Functional Requirements | System compatibility | The system is expected to run from every browsing devices such laptop, mobile, tablets, desktop PC’s etc. |
| PR3.1 | Web development tools | Programming Requirements | Developing site | * HTML * CSS/Bootstrap * Javascript |
| DR4.1 | Local storage. | Data Requirements | Storage resource | * Local storage is used to store data. |