**social book**

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5. **Introduction:**

In this project I will make a social media website using Fake Api provided below to display User Posts, friends, post comments and tags. The system shall enable users to add comments, display posts on the basis of tags, display posts on the basis of users, edit user profile, display other user profiles.

1. **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.

1. **Requirements:**

Functional and non-functional requirements are very important for developing software these are requirements in which everything is mentioned that our software can perform.

* 1. **Functional Requirements:**

Functional requirements play very important role in development of software. Requirements that are developed on **demand** of user or customer are called functional requirements. So, we should must fulfill all the functional requirements that a user or customer require.

Following are the functional requirements that should must be completed.

1. The system shall enable user to register on the website

2. The system shall redirect user login page after successful registration

3. The system shall allow user to login (save user data in local Storage,

including token etc.)

4. The system shall display all the posts to users (10 posts)

5. The system shall display next 10 posts after reaching at the bottom (scroll

to end)

6. The system shall display comments with each post

7. The system shall enable user to see posts by specific user

8. The system shall display all the tags to user

9. The system shall allow user to delete comment

10. The system shall allow user to edit comment

11. The system shall allow user to see details of other users

12. The system shall allow login user to update his/her details

13. The system shall allow user to logout

* 1. **Non-Functional Requirements:**

Non-functional requirements are those requirements that are not **defined** by user or customer but they expect from developer. These requirements define the **quality attribute** of a software system.

**Reliability:**

The System should be able to complete its current operations in nastiness of any error

or problem within defined response time.

**Understandability:**

Application should be clear and precise in terms of layout so that it can enhance the user experience and user friendliness on every attribute.

**Usability and Modifiability:**

Applications should be easy to understand by user so that it can operate and edit the

necessary items without any hesitation.

**Maintainability:**

Software should build up in such a way that classification of errors and maintenance

of mechanism become easy.

1. **Tools:**

* Html, CSS, Bootstrap
* JavaScript