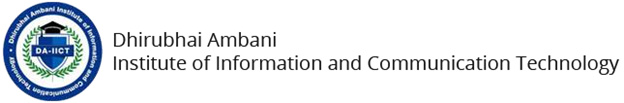
**Software Engineering IT314**

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Instructor: Prof. JayPrakash Lalchandani

**Social media app like Instagram, Facebook**

|  |  |
| --- | --- |
| Name | ID |
| Axit Dhola | 201901004 |
| Keval Savaliya | 201901006 |
| Sanny Dhameliya | 201901031 |
| Bhadrayu Bhalodia | 201901049 |
| Dhruvil Gorasiya | 201901061 |
| Kenil Bhingradiya | 201901066 |

**TA:** Harshal Vora (202111017)

**Date:** 01-04-2022

**Version** : 1.0.0

**Start Date:** 28-02-2022, End Date: 13-05-2022 (Approx. 11 weeks)

1. **Activity list (Estimate time for each activity. Mention probable dates.)**

**a. Formulation of the Problem**

There are many users of the website. A separate account for all the users is needed which is end-to-end encrypted. So, first of all, we need to design the authentication page.

* + - **Reading relevant background information**
      * + For developing the front-end part of the authentication page, we need to learn ReactJS. And for the backend part, we need to learn and know the functioning of MongoDB.
    - **Understanding and document the requirements**
      * + Valid UserID: The UserID entered by the user must be a valid.
        + Valid Password: The Password should be valid.
    - **Discussions**
      * + We implement a secure app so that chances of the data breach is low.
        + Our app can manage multiple access at a time.

**b. Designing a solution, documentation**

● Keeping our requirements in mind, we decided to use ReactJS for implementing the front-end part of the authentication webpage and used MongoDB.

**c. Relevant learning**

* + - * Refrenced from other Github repositories.
      * We read React JS and MongoDB to know about the functions which need to be called in order to complete the authentication process.

**d. Coding and unit testing**

* + - * Languages: HTML, Javascript
      * Frameworks Used: CSS, React JS
      * Technologies used: MongoDB
  1. **Documentation**
  2. **Testing**
     + - All the team members tested the login page with their user credentials and were successful in doing so.

**g. Reviews**

● We took reviews from our friends and then improved upon the UI part of the authentication page.

**h. Re-work and debugging**

1. **Project Plan: For each activity, your estimated start date, end date, and responsible person(s).**

* **Login Page**
  + Estimated Start Date: 25th March 2022
  + Estimated End Date: 28th March 2022
  + Team Member: Kenil, Sanny, Keval

**● User Authentication**

○ Estimated Start Date: 25th March 2022

○ Estimated End Date: 5th April 2022

* + Team Member: Axit, Dhruvil, Bhadrayu

**● Home Page**

○ Estimated Start Date: 25th March 2022

○ Estimated End Date: 5th April 2022

○ Team Member: Sanny, Kenil, Axit

* **Story Page**
  + Estimated Start Date: 6th April 2022
  + Estimated End Date: 20th April 2022
  + Team Member: Bhadrayu, Dhruvil, Keval
* **Post**
  + Estimated Start Date: 6th April 2022
  + Estimated End Date: 20th April 2022
  + Team Member: Sanny, Axit , Kenil
* **Story Page**
  + Estimated Start Date: 6th April 2022
  + Estimated End Date: 20th April 2022
  + Team Member: Bhadrayu, Keval, Kenil

**● Responsive UI**

* + Estimated Start Date: 21st April 2022
  + Estimated End Date: 30th April 2022
  + Team Member: Sanny, Axit, Kenil

1. **Testing Strategy:**
   1. **For each requirement, test transactions, expected results**
   2. **Test cases for the design**
   3. **Test cases & expected results for integration**
      * **Module integration**
      * **User Interface integration**

**d. Test data, expected results for unit testing**

**For each of the above testing activities, the following should be clearly specified.**

* 1. **Schedule**
  2. **Responsible person**
  3. **Placement of test cases, test data & expected results (folder/files)**