IT314: Software Engineering
Project Management Document - 3
Group No: 29

Title: **WebCad**
Team Members:

Khushbu Patel	201901140
Mahima Rohit	201901091
Nirav Damor	201901156
Priyanshu	201901468
Tarun Parashar	201901221
Varun Motwani	201901044

Reporting TA - Kalgi Gandhi

Date - 29 April 2022

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

(a) Formulation of the problem

      i. Reading relevant background information

      Time - 3hrs   Date - 22 April 2022

      Learning how to design modern webpages.

      ii. Understanding and documenting the requirements

      Time - 3hrs   Date - 22 April 2022

      iii. Discussions -

      Time - 2hrs   Date - 21,22 April 2022

      Designing WebPages of WebCad

(b) Designing a solution, documentation

      Time - 6hrs   Date - 25,26 April 2022

      For UI/UX Design.

(c) Relevant learning

      Time - 2hrs   Date - 22,24 April 2022

      Learning Figma, ReactJS and NodeJS frameworks for implementation.

(d) Coding and unit testing

      Time - 2hrs   Date - 28,29 April 2022

      Implemented Protected Route in Navigation Bar.

(e) Documentation

      Time - 1hrs   Date - 27 April 2022

(f) Testing

      Time - 0 hrs

(g) Reviews

      Time - 1hrs   Date - 27 April 2022

      Reviewing UI/UX Design.

(h) Re-work and debugging

      Time - 1hrs   Date - 27 March 2022

      Design UI/Ux for Home Page.

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

  (a) **Formulation of Problem -**

    (i) Reading relevant background information
- Date - 22 April 2022 ,
- Person Responsible: All Members

    (ii)Understanding and documenting the requirements
- Date: 22 April 2022
- Person Responsible: Nirav Damor and Tarun Parashar

    (iii) Discussions -
- Date - 21,22 April 2022 2022
- Person Responsible: All members

  (b) **Designing -**
- Date - 25,26,27 April 2022
- Person Responsible: Mahima Rohit, Khushbu Patel

  (c) **Documentation -**
- Date: 27 April 2022
- Person Responsible - Varun Motwani, Priyanshu

  (d) **Coding & implementation**
- Date: 28 April 2022
- Person Responsible: Nirav Damor

  (e) **Relevant Learning**
- Date: 21,22 April
- Person Responsible: Tarun Parashar, Varun Motwani

3. Testing Strategy:
(a) For each requirement, test transactions, expected results
- Schedule: 11, 12 May
- Responsible Person: Tarun Parashar, Nirav Damor
- Placement of test cases, test data & expected results (folder/files) :
    - UI Testing,
    - Login/signup Authentication Testing,
    - Request Testing(GET,POST etc),

(b) Test cases for the design
- Schedule: 11,12 May
- Responsible Person: Varun Motwani
- Placement of test cases, test data & expected results (folder/files)
    - Testing Conceptual Design Diagram

(c) Test cases & expected results for integration
    Module integration & User Interface integration
- Schedule: 11,12 May
- Responsible Person: Tarun Parashar & Varun Motwani
- Placement of test cases, test data & expected results (folder/files)

(d) Test data, expected results for unit testing
- Schedule: 12 May
- Responsible Person: Nirav Damor
- Placement of test cases, test data & expected results (folder/files)
    - Testing Each implemented Functionality with All edge and worst cases

4. Any other special activities and an appropriate breakup with estimation, as recommended by the standard fixed.
- Front-end design: Date: 11 May, Person Responsible: Tarun Parashar
- Front-end Implementation: 11 May, Person Responsible: Nirav Damor
- Back-end Implementation: 12 May, Person Responsible: Nirav Damor