



IT314: Software Engineering
Project Management Document - 2
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 - 15 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 - 11 April 2022

About different kinds of UML diagrams.

ii. Understanding and documenting the requirements

Time - 3hrs Date - 12 April 2022

iii. Discussions -

Time - 2hrs Date - 13,14 April 2022

Designing UML Diagrams and implementation Doubts

(b) Designing a solution, documentation

Time - 6hrs Date - 13,14,15,16 April 2022

For UML Diagrams.

(c) Relevant learning

Time - 2hrs Date - 4,5 April 2022

Learning ReactJS and NodeJS frameworks for implementation.

(d) Coding and unit testing

Time - 2hrs Date - 6,7 April 2022

Implemented Protected Route in Navigation Bar.

(e) Documentation

Time - 1hrs Date - 15, 16 April 2022

(f) Testing

Time - 0 hrs

(g) Reviews

Time - 1hrs Date - 15, 16 April 2022

Reviewing Design Diagrams

(h) Re-work and debugging

Time - 1hrs Date - 24,26 March 2022

Debugging the class diagrams and use case diagrams.

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 - 11 April 2022 ,
- Person Responsible: All Members

(ii) Understanding and documenting the requirements

- Date: 12 April 2022 2022
- Person Responsible: Nirav Damor and Tarun Parashar

(iii) Discussions -

- Date - 13, 14 April 2022 2022
- Person Responsible: All members

(b) Designing -

- Date - 13, 14, 15 April 2022
- Person Responsible: Mahima Rohit, Khushbu Patel

(c) Documentation -

- Date: 15, 16 April 2022
- Person Responsible - Varun Motwani, Priyanshu

(d) Coding & implementation

- Date: 6, 7 April 2022
- Person Responsible: Nirav Damor

(e) Relevant Learning

- Date: 10, 11 April
- Person Responsible: Tarun Parashar, Varun Motwani

3. Testing Strategy:

(a) For each requirement, test transactions, expected results

- Schedule: 25 - 27 April
- 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: 18-20 April
- 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: 25-27 April
- 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: 20 April
- 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: 25 April, Person Responsible: Tarun Parashar
 - Front-end Implementation: 25 April, Person Responsible: Nirav Damor
 - Back-end Implementation: 27 April, Person Responsible: Nirav Damor
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