

DA-IICT

IT314 SOFTWARE ENGINEERING

Project Management Document Election Management System

Group No: 06
Version: 2.0

April 15, 2022



Group Members:

Dhiraj Narsinghani	201901022
Bhavya Kedar	201901028
Ayush Patel	201901413
Ravirajsinh Zala	201901414
Kuldeepsinh Rana	201901433
Brijkumar Patel	201901437

Reporting TA: Nimmi Patel(202011016)

1. Activity List

a. Formulation of the problem

- i. Reading relevant background information :
Estimated Time: 3 days
Start Date: 12th March
End Date: 15th March
Responsible person/s: All team members
- ii. Understanding and documenting the requirements :
Estimated Time: 5 days
Start Date: 15th March
End Date: 19th March
Responsible person/s: All team members
- iii. Discussions :
Estimated Time: 2 days
Start Date: 13th March
End Date: 14th March
Responsible person/s: All team members

b. Designing a solution, documentation :

Estimated Time: 11 days
Start Date: 25th March
End Date: 5th April
Responsible person/s: All team members

c. Relevant Learning

Estimated Time: 11 days
Start Date: 25th March
End Date: 5th April
Responsible person/s: All team members

d. Coding and Unit Testing

Estimated Time: 30 days

Start Date: 29th March

End Date: 29th April

Responsible person/s: All team members

e. Documentation

Estimated Time: 11 days

Start Date: 25th March

End Date: 25th April

Responsible person/s: All team members

f. Testing

Estimated Time: 4 days

Start Date: 25th April

End Date: 29th April

Responsible person/s: Dhiraj Narsinghani and Kuldeepsinh Rana

g. Reviews

Estimated Time: 4 days

Start Date: 25th April

End Date: 29th April

Responsible person/s: Ravirajsinh Zala and Ayush Patel

h. Re-work and de-bugging

Estimated Time: 4 days

Start Date: 30th April

End Date: 3rd May

Responsible person/s: Bhavya Kedar and Brij Patel

2. Project Plan

a. Frontend Development

Estimated Time: 10 days

Start Date: 15th April

End Date: 25th April

Responsible person/s: All team members

b. Documentation (UML Diagrams)

Estimated Time: 6 days

Start Date: 11th April

End Date: 17th April

Responsible person/s: All team members

c. **Testing and Debugging**

Estimated Time: 4 days

Start Date: 25th April

End Date: 29th April

Responsible person/s: Dhiraj Narsinghani, Kuldeep Singh Rana, Brij Patel

d. **Review**

Estimated Time: 4 days

Start Date: 25th April

End Date: 29th April

Responsible person/s: Raviraj Singh Zala, Ayush Patel, Bhavya Kedar

3. Testing strategy

a. **For each requirement, test transactions, expected results**

Schedule:

Start Date: 25th April

End Date: 29th April

Responsible person/s: All team members

Placement of test cases, test data & expected results (folder/files) : Github

b. **Test cases for the design**

Schedule:

Start Date: 25th April

End Date: 29th April

Responsible person/s: All team members

Placement of test cases, test data & expected results (folder/files) : Github

c. **Test cases & expected results for integration**

i. **Module integration**

Schedule:

Start Date: 29th March

End Date: 9th April

Responsible person/s: All team members

Placement of test cases, test data & expected results (folder/files) : Github

ii. **User Interface integration**

Schedule:

Start Date: 10th April

End Date: 20th April

Responsible person/s: All team members

Placement of test cases, test data & expected results (folder/files) : Github

d. Test data, expected results for unit testing

Schedule:

Start Date: 25th April

End Date: 29th April

Responsible person/s: All team members

Placement of test cases, test data & expected results (folder/files) : Github