

Final Project Specifications:

Weightage : 35% of final grading

Develop a web application to solve the problem that you have identified.

This application has to be based on one of the mid sem prototypes submitted.

Application must

- Must be developed in Vue.js
- Must be deployed in firebase / firestore
- Must have a github repository with the history of the work done.

Execute this project using SCRUM methodology and have clear roles & responsibilities defined within the team.

Maintain product backlog , plan and execute sprints and develop incremental products to achieve the final end result.

Submission: (35%)

1. Code and Deployed Link:(15%)

a. Code:

One GitHub link to be included in the project report with contribution from all the team members.

Team members will be penalized if there is not sufficient individual contribution in GitHub.

b. Deployed Link

- URL where the application is hosted / deployed.
- This link must host the working application.
- Grading will be awarded based on the working application.

c. Firebase Details

- Firebase project details
- Provide firebase access to Instructor and staff email ids.

2. Additional feature - (5%)

Include an additional functionality / feature .

Examples

- Dashboard for your application
- GitHub Actions
- Deploying website using another tool along with firebase.

The additional feature/ functionality is not limited to the above options only.

3. Project Report:(5%) - Up to 35 pages

Project report must include

- Problem definition
- Proposed Solution
 - How the application will solve user problems.
- Summary of the SCRUM execution – for one sprint only
 - Roles & responsibilities identified within the team
 - Product backlog list
 - Sprints
 - Sprint backlog
 - Sprint review & retrospectives
 - Challenges/roadblocks encountered if any and how they were resolved.
- GitHub URL(Details given in section 1)
- Deployed Application Link(Details given in section 1)
- Firebase details(Details given in section 1)
- Additional functionality / feature (Details given in section 2)

4. Video (5%) - (Max. 10 mins)

Video submission explaining the application in detail.

5. Peer Review - (5%)

LumiNUS upload

- Project Report(one submission per team)
- Video (one submission per team)
- Peer evaluation(Individual submission)

Timelines:

- Deadline for final project submission is 16-Nov-2020 11:59 PM
- All submissions to be made in LumiNUS
- Late submissions will not be graded.

Rubrics for grading

- Submitted web application solves the identified user problem.
- Project has been implemented with Vue.js
- Firebase database has been used in the project
- Additional feature included
- Project has been deployed in firebase
- GitHub link with contributions from all the team members in the master branch(other branches will not be reviewed).