BT3103 - Final Project Guidelines:

Project:

Progressing on your midterm project development.

Steps for the project:

1. Make sure each member of the group understands the project.
2. For the project, mention:
    a. Executive Summary: This will cover information on your project development. details of your project, how many requirements have you completed, how many sprints you did, etc.
    b. Problem Statement
    c. The goal of the project - User Benefits
    d. Requirements:
        i. Functional
        ii. Non-Functional

    Points b,c,d → This you have already developed in the Midterm, but if you want to edit, you can do that. But don't change your application completely.

3. Develop the application
    a. The application **must** be in Vuejs
    b. Firebase **must** be the backend
    c. Apply **SCRUM** Methodology in development
        i. Identify your roles and responsibilities (SM/PO/Developers)
        ii. Do Weekly Standups
        iii. Log the Weekly Standups
        iv. You should have product backlogs, sprint backlogs during the sprint
    d. Maintain a Github repository **(We will study Git and Github in Lecture 8)**
        i. Each member of the team has to contribute
    e. Apply all the concepts of SDLC learned in the class
    f. You are free to write as many requirements as you think can be required for the project. But please mention, how many requirements were implemented in the final project. For example, you may have 30 requirements but 5 were actually developed for the application

Tools /Softwares:

1. You can use any free software. You can use google sheets and google docs to log your sprint details as they are free. Make sure you take neat screenshots when

pasting in the report. Also, make sure that the file links (if any) are properly highlighted in the report.

Class Presentations:

1. Demo of your application
   a. Time limit: Not more than 10 minutes per group (This is a hard stop)
   b. No Overtime
   c. Zoom details will be shared later

Submission (In Luminus- Only one per group and in a zipped folder):

1. A **PDF file (Maximum 50 pages including all)**. This pdf will be the final report that contains:
   a. Group Number, Members, ID
   b. Executive summary
   c. Problem Statement
   d. The goal of the project - User Benefits
   e. Requirements
   f. Link to Github (with all historical commits)
      i. **Don't put all the codes once at last,** rather start the repo as soon as possible and start contributing.
      ii. I will review your contributions to the project
   g. Link to the deployed app with the **test user id and password**. Deploy at Firebase **(We will study deployment in Lecture 10)**
   h. **You will be maintaining your sprint details in excel. However, I need one (Only one)** "2-week Sprint" detail in the report which has:
      i. Product Backlog
      ii. Sprint Planning - Sprint Backlog
      iii. Sprint Review
      iv. Sprint Retrospective
   i. Appendix: if any
2. An **excel file** with all the Weekly Standups
3. **Code**:
   a. Code of your application.
   b. Make sure you have all the required packages in the "package.json"
   c. Don't paste node modules
4. **Peer Review File**:
   a. This will be an individual submission and confidential and mandatory.
   b. You have to rate your team members
   c. We will provide the form later to fill and submit in Luminus

NO word doc
No ppt
No Video

Grading:

1. Grading will be based on the quality of your Class Presentations and your Submissions.
2. Project Management details (Scrum artifacts, Daily standup records)
3. Live deployed application.
4. Application Code
5. Working application (Please provide a demo user id and password so that we can test your application)
6. Peer Review factor

Deadline:
1. Presentations: on Last Lecture
2. Luminus Submission: Before the last lecture