**CS673 Software Engineering**

**Team 2 : DAMPP**

**Meeting Minutes**

**Meeting 5**

**Date and Time:** 6 JUNE 2024, 11 AM - 12 PM (EST)

**Place**: Zoom Meeting

**Participants:** Pranjal Ekhande, Praveen Singh, Aman Jain, Dipayan Mazumder

**Minutes taker:** Pranjal Ekhande

**Timekeeper:** Pranjal Ekhande

**Purpose:** Discussion with team 4 regarding integration of FE and BE.

**Agenda:**

1. Get requirements
2. Discuss Database structure.
3. Showcase Modules (Projects, Tasks, Users, Comments, Project Users)
4. Discuss API structure and future JWT authentication
5. Get how we will be integrating. (1 houston on remote environment, 2. Hosting on local machine. And we will provide updated jar file in next iteration)
6. Take a look at FE and decide on necessary API’s if it is not available in plan.
7. Review FE.

**Key Decisions:**

1. We went through with overall requirements in project and development status
2. Talked about all the feils in Modules
3. Discussed types of API calls for modules.
4. We will Provide API documentation, Database fields.
5. Need to receive feedback from Team 4 on local deployment
6. We as a team would need to create deployment plan.

**Action Items:**

1. Mukul **-** Deployment plan
2. Pranjal - Finishing us Tasks and User table.
3. Aman -
4. Dipayan - JWT authentication
5. Praveen - Comments Module
6. Brenne / Team 4: Deployment

**Meeting 5**

**Date and Time:** 28 May 2024, 9 AM - 10 AM (IST)

**Place**: Zoom Meeting

**Participants:** Pranjal Ekhande, Praveen Singh, Aman Jain, Dipayan Mazumder

**Minutes taker:** Dipayan Mazumder

**Timekeeper:** Dipayan Mazumder

**Purpose:** Iteration 1, Database design, Code Review

**Agenda:**

1. Class Diagram
2. Implementation of the code for Project creation
3. Iteration 1
4. Documentation
5. Presentation

**Key Decisions:**

1. We will be using Local Database currently for the code.
2. Class Diagram has been created
3. GCP setup is complicated hence putting it in the backfoot.
4. Made progress with the code implementation
5. Documentation for iteration 1
6. SPPP, Progress report needs to be updated
7. STD needs to be created
8. Aman and Praveen are working on the Presentation

**Action Items:**

1. Mukul **-** STD
2. Pranjal - Code Review
3. Aman - Progress report, Presentation
4. Dipayan - SPPP
5. Praveen - Code Review, Presentation

**Meeting 4**

**Date and Time:** 22 May 2024, 10:45 PM - 1:15 PM (IST)

**Place**: Zoom Meeting

**Participants:** Pranjal Ekhande, Praveen Singh, Aman Jain

**Minutes taker:** Praveen Singh

**Timekeeper:** Praveen Singh

**Purpose:** Iteration 1, Database design, Skeleton Code

**Agenda:**

1. Database design.
2. Implementation of database.
3. Discuss the design for class diagrams of Project Manager.
4. Creating dummy data for the database.
5. Writing skeleton code for the program.

**Key Decisions:**

1. We will be using Postgres Database for our project.
2. Decided the design and fields in the database.
3. Decided to move forward with Heroku to set up the database.
4. We will be creating Stories which will contain the project and there are multiple tasks related to the project.
5. Users can add comments to the stories.
6. Users can delete the tasks or the projects one by one by selecting it, only if they have the authorization.
7. Users can also delete multiple projects at once.

**Action Items:**

1. Mukul- Design
2. Pranjal - Code Implementation
3. Aman - Database configuration.
4. Dipayan - Database configuration.
5. Praveen - System design update with the newly discussed changes.

**Meeting 3**

**Date and Time:** 20 May 2024, 10:45 PM - 1:15 PM (IST)

**Place**: Zoom Meeting

**Participants:** Pranjal Ekhande, Aman Jain, Mukul Jangid, Praveen Singh

**Minutes taker:** Mukul Jangid

**Timekeeper:** Aman Jain

**Purpose:** Iteration 1, Setup, Design Classes, Lab 2

**Agenda:**

1. Review Professor’s comments on SPPP

2. Finalise Class Diagram for Project Management

3. Finalise User Management’s role in Project Management

4. Help setup Spring-boot if any team member is stuck

5. Decide Database system setup

6. Discussion - Pending Items (CI/CD) Pipeline

7. Pivotal Tracker update.

**Key Decisions:**

1. Professor’s comments will be incorporated into SPPP.
2. Everyone will start with Springboot setup and raise queries if they face issues.
3. Everyone will research databases and help with design.
4. Branch Protection of **main** branch will be added on GitHub.
5. We’ll finalize class diagram so that the role of User Management is finalized and the requirements can be given to the concerned team.

**Action Items:**

1. Mukul **-** CI/CD Pipeline, Github main branch protection
2. Pranjal - Finalize User Management’s requirements.
3. Aman - Database configuration.
4. Dipayan - Database configuration.
5. Praveen - Working on skeletal code

**Meeting 2**

**Date and Time:** May 2024, 1:15 PM - 2:00 PM

**Place**: Zoom Meeting

**Participants:** Pranjal Ekhande, Aman Jain, Mukul

**Minutes taker:** Aman Jain

**Timekeeper:** Mukul

**Purpose:** getup with new ideas for the project iteration on user and Notification Management .

**Agenda:** 1. Discuss the Ideas for project management and What tools and features can be used and to make a project proposal to present.

**Discussions:** Here we discussed the ideas how our User interface should look like and what features we can use on the interface and also discussed the use of the SMTP server. And the use of tools and language for the Dashboard.

**Key Decisions:** To focus more on project management, The use of language to be used on the Dashboard. All the other functionality which can be added in the board,

**Action Items:**

1. Mukul **-** explore Firebase and Postgres CICD pipeline
2. Pranjal - explore the backend structure.
3. Aman- Documentation and explore tool generation.

**Meeting 1**

**Date and Time:** 10 May 2024, 5:30PM - 6:00PM

**Place**: Zoom Meeting

**Participants:** Pranjal Ekhande, Praveen Singh, Dipayan, Aman, Mukul

**Minutes taker:** Pranjal Ekhande

**Timekeeper:** Pranjal Ekhande

**Purpose:** Brainstorming getting up to speed with assignments

**Agenda:**

1. Determining each team member's area of interest and allocating project responsibilities accordingly.
2. Coordination of documentation tasks by assigning weekly roles and dividing responsibilities.
3. Understanding Configuration Management through the Pivotal Learning Module.

**Discussions**:

We all discussed ideas about what our micro-services should cover and how we'd put them into action.

We settled on two main stacks: Project Management and Notification Service. Then, we dived into the details, talking about all the features we could add and what tech we'd need to make it happen.

* Mukul's will be on Git duty, he will be designing the whole lifecycle and will look into CI/CD pipelines set up
* Praveen and Aman will look into Pivotal setup. Will show team how to use PivotalTracker.
* Dipayan and Pranjal Mainly focus on the documentation in this week and distribute documentation responsibilities to everyone
* We're all planning to keep each other in the loop with daily updates on how we're handling epics and stories.
* Everyone's gonna finalise with Pivotal tools, test strategies, and peer reviews after steps are decided.
* Git's getting set up for everyone, but we're still deciding between SpringBootTool4 Suite and IntelliJ for our IDEs.

As for databases, some of us are leaning towards Postgresql (Pranjal and Mukul prefers), while Praveen's suggested Firebase. We'll weigh the pros and cons and pick one together.

And lastly, when it comes to coding styles, we're going with Google's standards and using the Black format for Python.

**Key Decisions**:

Identifying the scope of micro-services and planning their implementation.

Agreeing to provide daily status updates on managing epics/stories to ensure smooth progress.

**Action Items**:

1. Mukul - Git lifecycle and explore CI/CD pipeline setup.
2. Pranjal - Mail Professor for Pivotal access, Database Evaluation.
3. Praveen and Aman to initiate the setup process for Pivotal.
4. Dipayan - Distribute work to Complete Necessary documentation for the Planning phase.
5. Everyone - Setup Github.