

Team - Neo

1) Team Roles

- 1) Product Manager:** Rahaan Gandhi
- 2) Scrum Master:** Meghna Pradhan
- 3) Developers:** Dhruva Khanwelkar, Akanksha Shah, Ramneek Kaur, Hao Jin, Yiyang Yan

2) Customer Meeting

Meeting Place: Online

Date: 27th September, 2024

Time: 3:00 pm - 4:00 pm

3) Summary

In our recent meeting with Professor David Kebo, Florencia Mangini, and Shashankit, we gained clarity on the goals and scope of the Neo application. Designed as an internal tool for TeamUp apps, Neo will assist students and mentors in tracking project progress. Its customized feature requirements such as the ability for mentors to upload resources, schedule and manage meetings, and monitor student progress toward certificate completion, highlight the need for this product as a one-stop solution to project management and make it distinct from existing project management tools.

Key discussions centered around the following:

- 1) **UI Design and Front-End Implementation:** The client preferred using Angular or ReactJS for front-end development. However, the immediate priority is developing the backend skeleton with essential functionalities, initially leaving the UI with only basic features.
- 2) **Project Requirements and Priorities:** Given the project's scope, we outlined the minimum feature requirements and agreed on a phased approach to ensure efficient management and timely delivery.
- 3) **Milestone Management and Tracking:** We discussed using JIRA to manage and track project milestones and reviewed milestone I requirements in detail, as we aim to complete it by the end of Sprint I. We will hold weekly meetings with stakeholders to provide updates, gather feedback, and ensure alignment on the project's progress.

4) User Stories

1) Feature: Landing Page

As a user
So that I can log in
I want to see a landing page with a login button

2) Feature: Login

As a user
So that I can access the project dashboard page
I want to log in to the Neo application

3) Feature: Logout

As any user
So that I can log in again
I want to logout from the Neo application

4) Feature: Login using Google OAuth

As a user
So that I can access the project dashboard page
I want to log in using my Google account

5) Feature: Role-Based Dashboard View

As a student
So that I can access the student dashboard page
I want to log in using my Google account

As a Mentor/Admin
So that I can access the mentor/admin dashboard page
I want to log in using my Google account

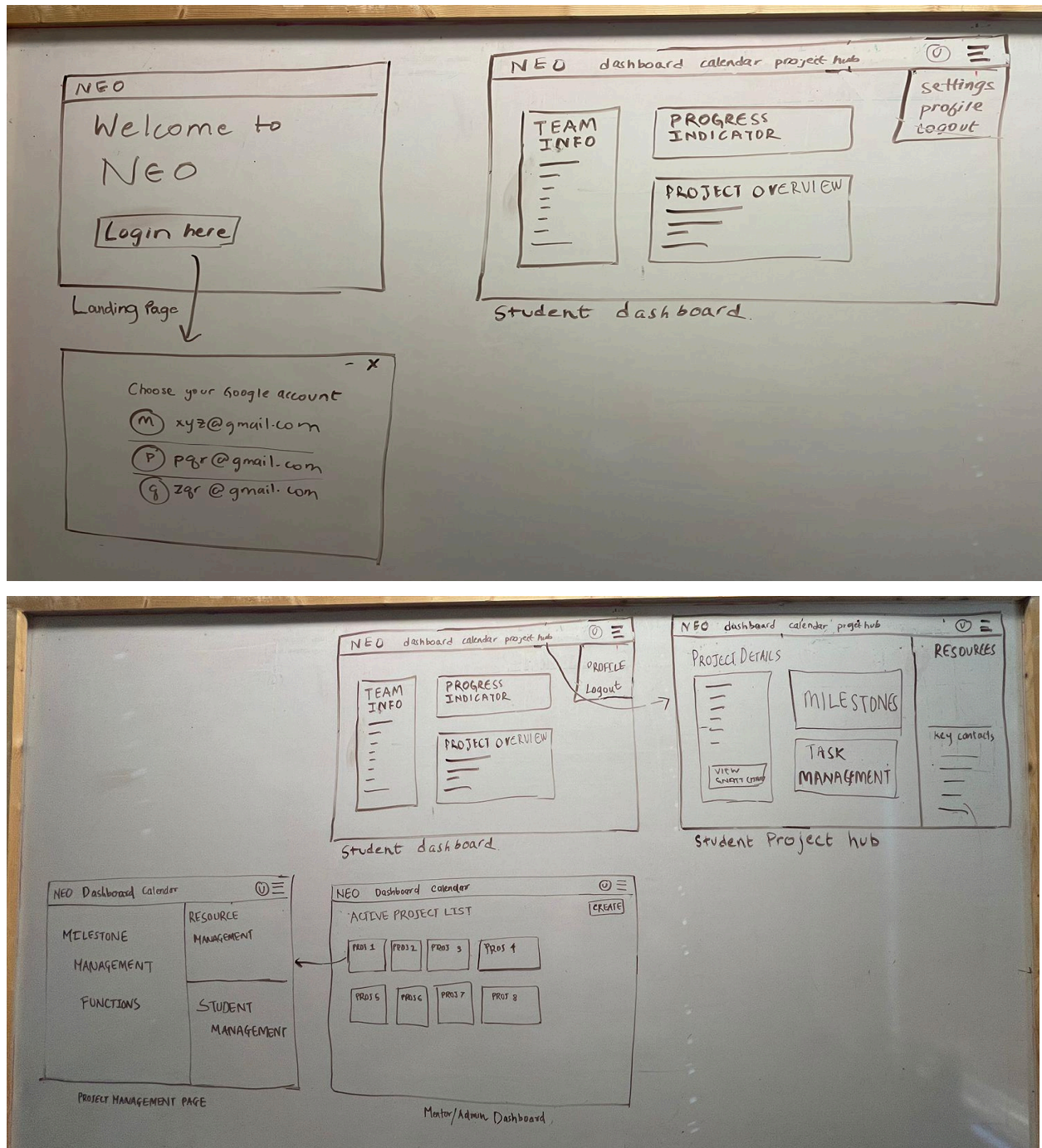
6) Feature: Create a simple dashboard page and setup basic navigation

As a user
So that I can navigate between multiple pages
I want to view the basic dashboard page with the navigation bar

5) User Interfaces

Below are the low-fi UI mockups for the following pages

- 1) Landing Page with an option to log in to the Neo Application
- 2) Google OAuth Authentication and Authorization
- 3) Dashboard page (Student / Admin)
- 4) Project Hub page (Students)
- 5) Project Management Page (Mentors/Admin)



6) Sprint Backlog

1) What is the sprint goal?

This sprint will focus on implementing the authentication and authorization functionality using Google OAuth as a third-party authentication service. In addition, it will involve database modeling, setting up basic navigation, and establishing the foundational structure for the dashboard page.

2) Which stories were pulled into the Sprint, and how many points?

User Story	Story Points	Assignee
Setup Jira and Slack	1	Dhruva Khanwelkar
Setting up Git Repository	1	Akanksha Shah
Heroku Deployment	1	Akanksha Shah
Feature Landing Page	3	Rahaan Gandhi
Feature Database Modelling	3	Ramneek Kaur, Yiyang Yan, Hao Jin
Feature Login using Google OAuth	3	Akanksha Shah
Feature Role-based Dashboard View and basic navigation	3	Meghna Pradhan, Dhruva Khanwelkar
Feature Logout	1	Hao Jin

3) To whom is each story assigned? What are the tasks and their time estimates?

- **Setup Jira and Slack**

Assignee: Dhruva Khanwelkar

Tasks:

- Create a JIRA account and Slack workspace
- Configure user roles and permissions in JIRA
- Configure JIRA Board for Sprint I
- Setup Slack communication channel for Sprint I
- Invite TA and Instructor to Slack and JIRA

- **Setting up Git Repository**

Assignee: Akanksha Shah

Time Estimate: 1 hr

Tasks:

- Create a shared workspace/repository for the backend application
- Configure repository settings to require a minimum of 2 reviewers to merge pull request merges
- Create a simple Ruby on Rails application with the following version dependencies:

- 1) Rails - v7.2.1
- 2) Ruby - v3.3.4
- 3) Bundle - v2.5.11

- **Heroku Deployment**

Assignee: Akanksha Shah

Time Estimate: 1 hr

Tasks:

- Configure Heroku deployment changes to Git Repository.
- Add database to Heroku deployment.
- Deploy application.

- **Feature Landing Page**

Assignee: Rahaan Gandhi

Time Estimate: 1-3 days

Tasks:

- Build a Landing page in the preferred Front end framework or Simple CSS/HTML
- Add a Login button to the Landing page
- Deploy Landing Page on Heroku

- **Feature Database Modeling**

Assignee: Ramneek Kaur, Yiyang Yan

Time Estimate: 1-2 days

Tasks:

- Requirement Gathering
- Identification of Identities and Relationships
- Database Schema Design
- Deciding on an appropriate database to use
- Implementing initial models with association and validation
- Review and Iterate

- **Feature Login using Google OAuth**

Assignee: Akanksha Shah

Time Estimate: 2-3 days

Tasks:

- Google OAuth client creation.
- Configuring omniauth in the rails application.
- Adding a callback to process Google's response.
- Handling session and its validation on login.

- **Feature Role-based Dashboard View and Basic Navigation**

Assignee: Meghna Pradhan and Dhruva Khanwelkar

Tasks:

- Set up routes and placeholder views for the Dashboard, Project hub, Settings, and Project management page
- Implement role-based access control for the Dashboard, Project hub, and Project management pages.

- **Feature Logout**

Assignee: Hao Jin

Time estimate: 2-3 days

Tasks:

- Implement logout functionality to clear user sessions
- Add a Logout button throughout different pages
- Ensure proper session destruction and redirection after logout

7) Links to JIRA, Slack and GitHub

- 1) GitHub Repository - <https://github.com/shahakanksha-tamu/teamup-neo-backend>
- 2) Slack - <https://app.slack.com/client/T07PC1QMZRN/C07NP8T7UE6>
- 3) JIRA - [TEAM NEO - JIRA BOARD](#)