

## Sprint I Retrospective

### Participants:

Rahaan Gandhi, Meghna Pradhan, Ramneek Kaur, Hao Jin, Yiyang Yan, Dhruva Khanwelkar, Akanksha Shah

### Links

- 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](#)
- 4) Heroku Deployment: <https://teamup-neo-ba74edfc326f.herokuapp.com/>

### Sprint Dates

Sprint 1 plan: 20 Sept - 27th Sept

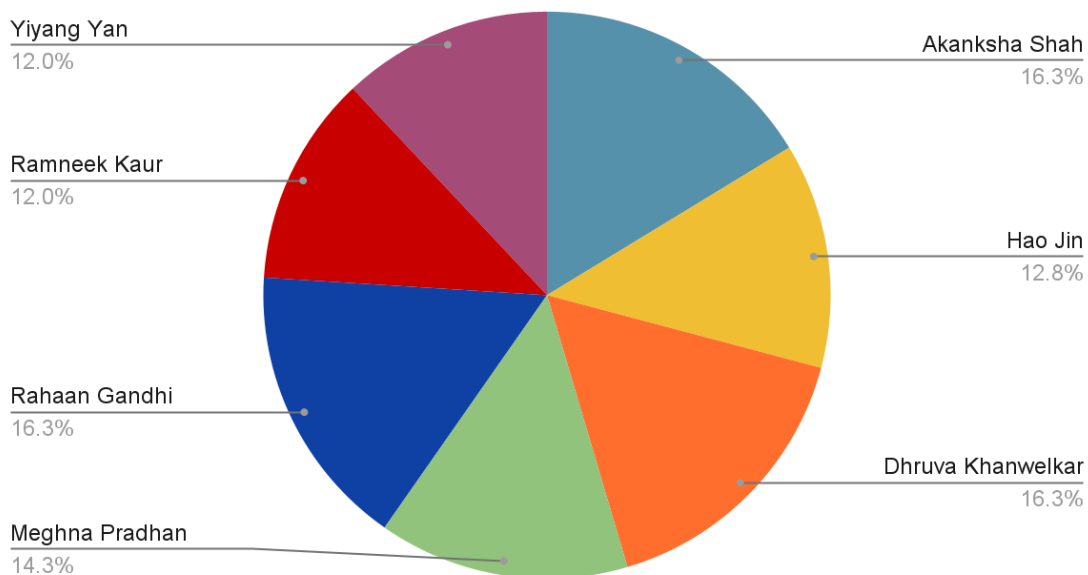
Sprint 1 execution: 27 Sept - 4 Oct

### Team Member Contributions:

Name	Role	Story Points	Contribution
Rahaan Gandhi	Product Owner	5	Code: Implemented Landing Page Planning: Communicated with clients to understand requirements and deliverables, assisted in planning for user stories, created user stories on JIRA, and set up Jira.
Meghna	Scrum Master	4	Code: Placeholder controllers, role based access control, cucumber tests Planning: assigned Jira user stories
Akanksha Shah	Developer	5	1. Configured and implemented Google OAuth secure authentication and authorization to the Neo application along with RSpec and Cucumber testing. 2. Deployed application on Heroku. 3. Planned Git branching, collaboration strategies and user stories with the team.

Dhruva Khanwelkar	Developer	4	1. Added Navbar and its integration with routes, wrote RSpec tests. 2. Made UI mockups and planned user stories with team members.
Hao Jin	Developer	4	Code: Implemented logout functionality with Google OAuth and its cucumber tests. Planning: Helped design database models and relations.
Ramneek Kaur	Developer	2	Worked on database modeling and created a document outlining the necessary database models. The document included entity diagrams and defined relationships between them.
Yiyang Yan	Developer	1	1. Implemented a database model and its associated view and controller. 2. Helped with database modeling.

Team Contribution chart



## 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.

## Sprint Achievements

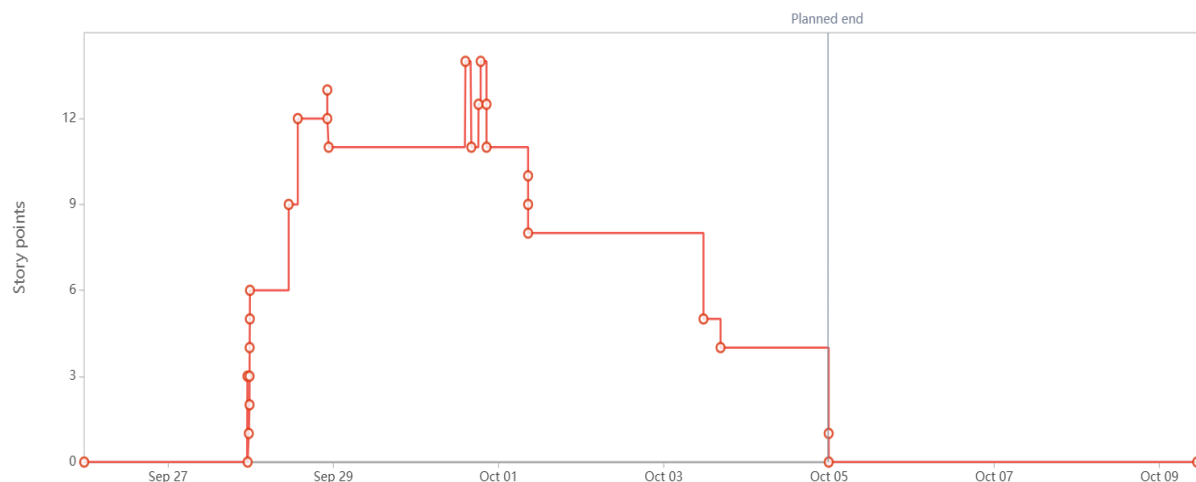
- 1) Designed low-fi UI mockups for all the views.
- 2) Developed secure login and logout functionality using Google OAuth.
- 3) Set up basic navigation (navbar) and routing between multiple views.
- 4) Designed database schema and modeled the associations between the objects.
- 5) We Achieved test coverage of ~94%.
- 6) Successfully deployed application to Heroku.
- 7) Discussed and documented the team's working agreement.

## Sprint Backlog Items and Status

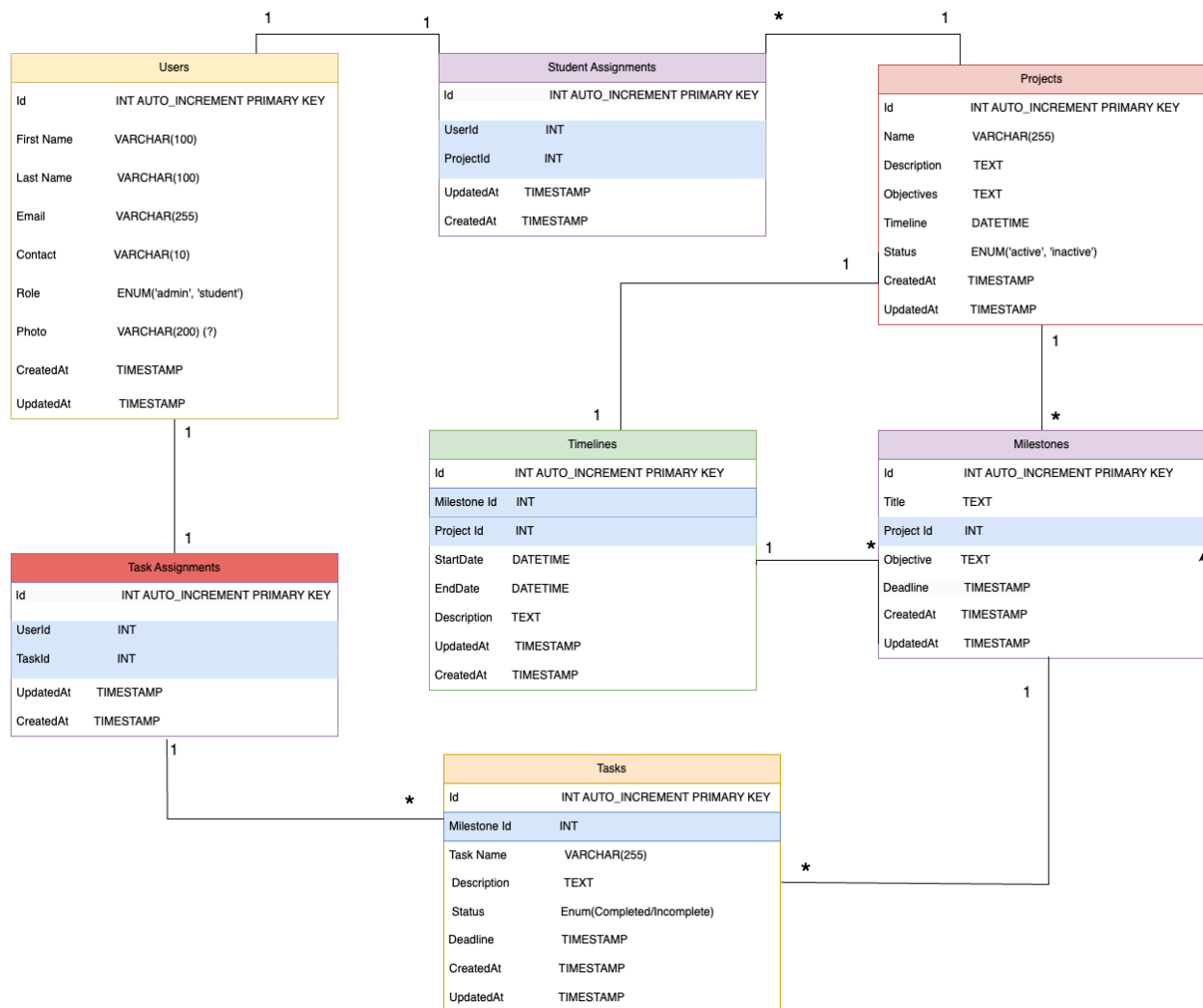
**Create Reusable Layout Components with CSS Framework Integration (-):**  
**Add Navbar for routing (+)**

For adding Navbar to the application Bootstrap was installed and integrated in the code. Due to this, the separate story for creating reusable components with CSS framework integration was removed from the sprint.

## Burndown Chart



## Design Diagrams



## Documentation of Changes

There are no other changes in the first sprint implementation besides the creation of the Team Working Agreement.

## Evaluations of Code and Test Quality

- 1) SimpleCov Coverage - 94.19%
- 2) Code Climate Report: Grade A; Code Smells: 0; Duplication: 0; Other Issues: 0  
<https://codeclimate.com/github/shahakanksha-tamu/teamup-neo-backend>

## Customer Meeting

Date: Wed Oct 9, 2024  
Time: 9:30am - 10:30am  
Place: Zoom

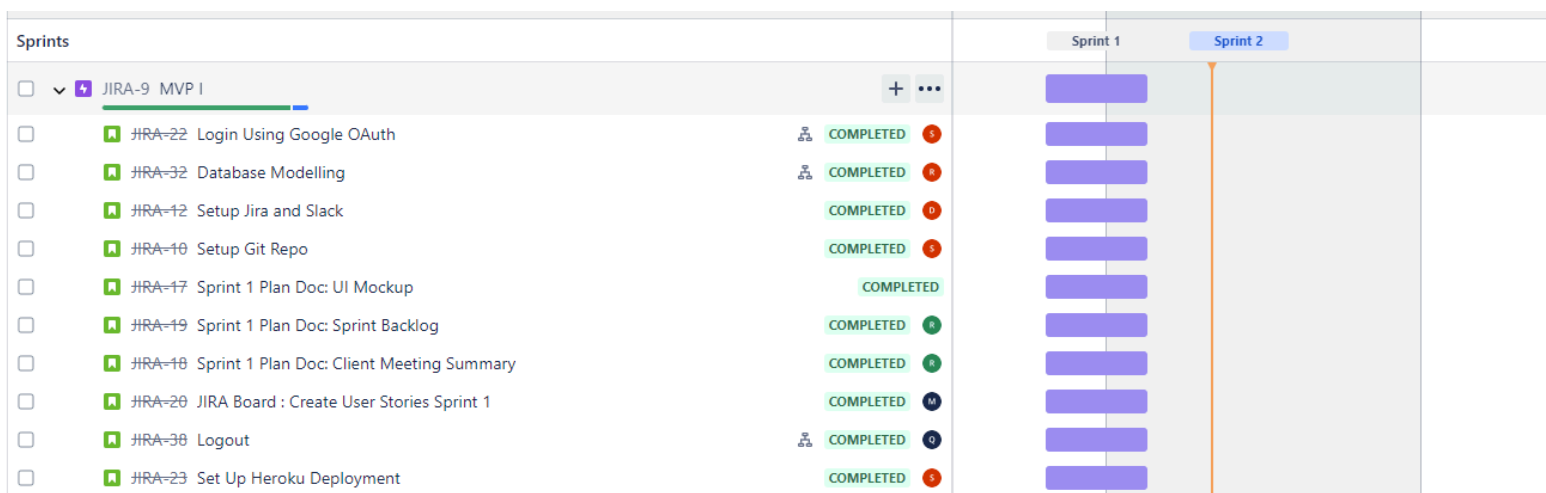
### Summary of Discussion:

- Demonstration of Current Project Progress and deployed Heroku app.
- Detailed review of Milestone 1 goals, current status.
- Discussion of the data model and the relationship between models.
- Discussion on the scope of Milestone 2 and expected deadlines.
- Recommendations for increasing development speed and expanding functionality coverage in the second sprint.
- Feedback on communication frequency with the client.
- Spoke on deliverables and how they expected more UI-related changes and deliverables than what was worked on. We explained more of our work was focused on the backend, which is crucial to the functionality of the frontend.

## BDD & TDD

- 1) All features developed in this iteration were successfully covered by Cucumber scenarios and RSpec examples. Edge cases for login functionality when the user cancels the consent, were identified and incorporated into the tests.
- 2) Integrated Rspec and Cucumber tests as a passing criterion for CI workflow on GitHub.
- 3) We identified that the calendar feature lacked sufficient test coverage, and this will be prioritized in the next sprint.
- 4) In this sprint, our focus was primarily on development, followed by writing tests. Moving forward, we will ensure that BDD test cases are created first before writing the code.

## Sprint 1 Jira Board



List

Search list



Give feedback

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<input type="checkbox"/>	Type	# Key	Summary	Status	Sprint	Assignee	Due date	Labels	Created	Updated	Reporter	Parent	Team	Developer	
<input type="checkbox"/>	▼	JIRA-9	MVP I	AVAILABLE					Sep 27, 2024	Sep 27, 2024	shahakanksha				
<input type="checkbox"/>	▶	JIRA-22	Login Using Google OAuth	COMPLETED		shahakanksha		Feature_Login	Sep 28, 2024	Oct 4, 2024	meghna.pradhan				
<input type="checkbox"/>	▼	JIRA-32	Database Modelling	COMPLETED		ramneek983		Database	Sep 30, 2024	Oct 7, 2024	meghna.pradhan				
<input type="checkbox"/>		JIRA-33	Gather Requirements for Database and Identify Identities an...	COMPLETED		ramneek983		Database	Sep 30, 2024	Oct 9, 2024	meghna.pradhan				
<input type="checkbox"/>		JIRA-34	Design Database Schema	COMPLETED				Database	Sep 30, 2024	Oct 9, 2024	meghna.pradhan				
<input type="checkbox"/>		JIRA-35	Select Appropriate Database	COMPLETED		ramneek983		Database	Sep 30, 2024	Oct 9, 2024	meghna.pradhan				
<input type="checkbox"/>		JIRA-12	Setup Jira and Slack	COMPLETED		dhruvak		Init	Sep 27, 2024	Sep 28, 2024	rahaang99				
<input type="checkbox"/>		JIRA-10	Setup Git Repo	COMPLETED		shahakanksha		Init	Sep 27, 2024	Sep 30, 2024	shahakanksha				
<input type="checkbox"/>		JIRA-17	Sprint 1 Plan Doc: UI Mockup	COMPLETED				Init	Sep 27, 2024	Oct 1, 2024	rahaang99				
<input type="checkbox"/>		JIRA-19	Sprint 1 Plan Doc: Sprint Backlog	COMPLETED		rahaang99		Init	Sep 27, 2024	Oct 1, 2024	rahaang99				
<input type="checkbox"/>		JIRA-18	Sprint 1 Plan Doc: Client Meeting Summary	COMPLETED		rahaang99		Init	Sep 27, 2024	Oct 1, 2024	rahaang99				
<input type="checkbox"/>		JIRA-20	JIRA Board : Create User Stories Sprint 1	COMPLETED		meghna.pradhan		Init	Sep 27, 2024	Oct 3, 2024	rahaang99				
<input type="checkbox"/>	▶	JIRA-38	Logout	COMPLETED		q389974204		Feature_Login	Sep 30, 2024	Oct 4, 2024	meghna.pradhan				
<input type="checkbox"/>		JIRA-23	Set Up Heroku Deployment	COMPLETED		shahakanksha			Sep 28, 2024	Oct 4, 2024	shahakanksha				
<input type="checkbox"/>	▼	JIRA-42	Role Based Access to Dashboard	COMPLETED		dhruvak		Views	Sep 30, 2024	Oct 9, 2024	meghna.pradhan				
<input type="checkbox"/>		JIRA-43	Create place holder Dashboard, Project Hub and Setting vie...	COMPLETED		meghna.pradhan			Sep 30, 2024	Oct 3, 2024	meghna.pradhan				
<input type="checkbox"/>		JIRA-44	Create a 404 route	COMPLETED		meghna.pradhan			Sep 30, 2024	Oct 4, 2024	meghna.pradhan				
<input type="checkbox"/>		JIRA-56	Test route restrictions	COMPLETED		meghna.pradhan			Oct 2, 2024	Oct 4, 2024	meghna.pradhan				
<input type="checkbox"/>		JIRA-57	Add Navibar for routing	COMPLETED		dhruvak			Oct 4, 2024	Oct 4, 2024	dhruvak				
<input type="checkbox"/>		JIRA-58	Add rspec tests	COMPLETED		dhruvak			Oct 4, 2024	Oct 9, 2024	dhruvak				
<input type="checkbox"/>	▶	JIRA-21	Landing page	COMPLETED		rahaang99		Home_Page	Sep 28, 2024	Oct 4, 2024	rahaang99				
<input type="checkbox"/>	▶	JIRA-45	Create Reusable Layout Components with CSS Framework In...	AVAILABLE		meghna.pradhan		Views	Sep 30, 2024	Sep 30, 2024	meghna.pradhan				
<input type="checkbox"/>	▶	JIRA-59	MVP 2	BLOCKED					Oct 9, 2024	Oct 9, 2024	ramneek983				