COSC 4P02 - Progress Report 1 - Eventic

COSC 4P02
Software Engineering II
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1 Project Overview

Eventic is an event management and ticketing platform designed to help event organizers create, promote, and manage events seamlessly. The platform provides functionalities such as ticket sales, attendee engagement, and analytics tools to streamline the event planning process.

2 Work Completed So Far

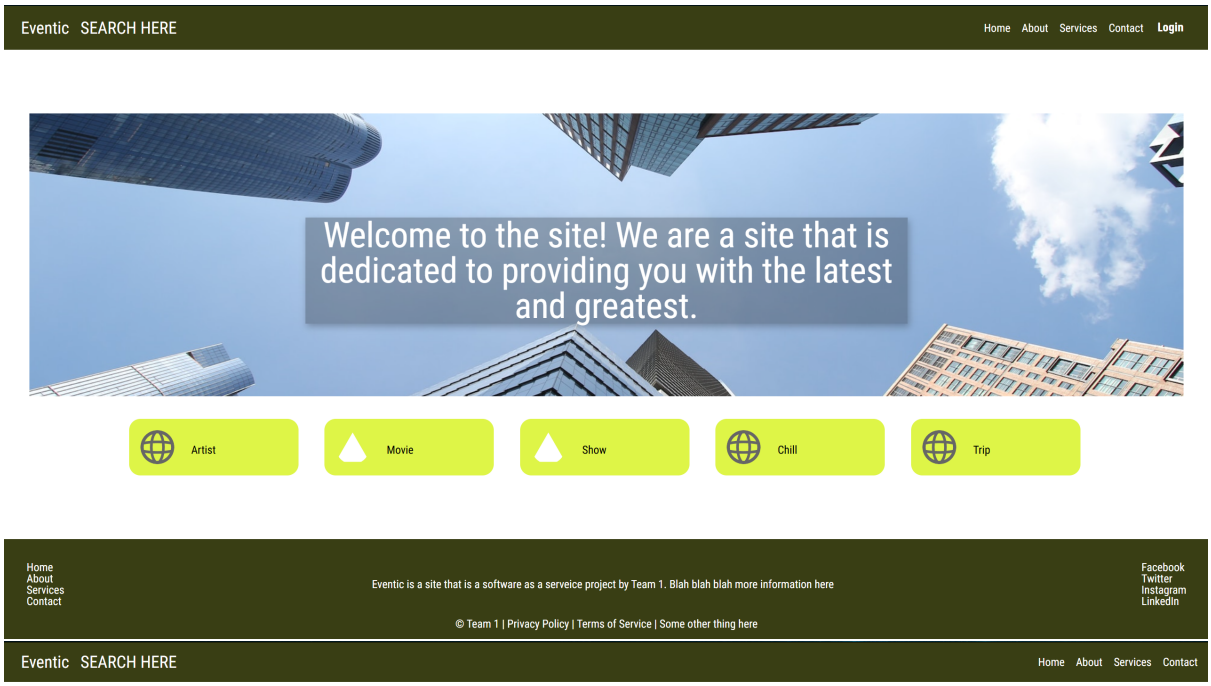
This section outlines the progress made on the project so far.

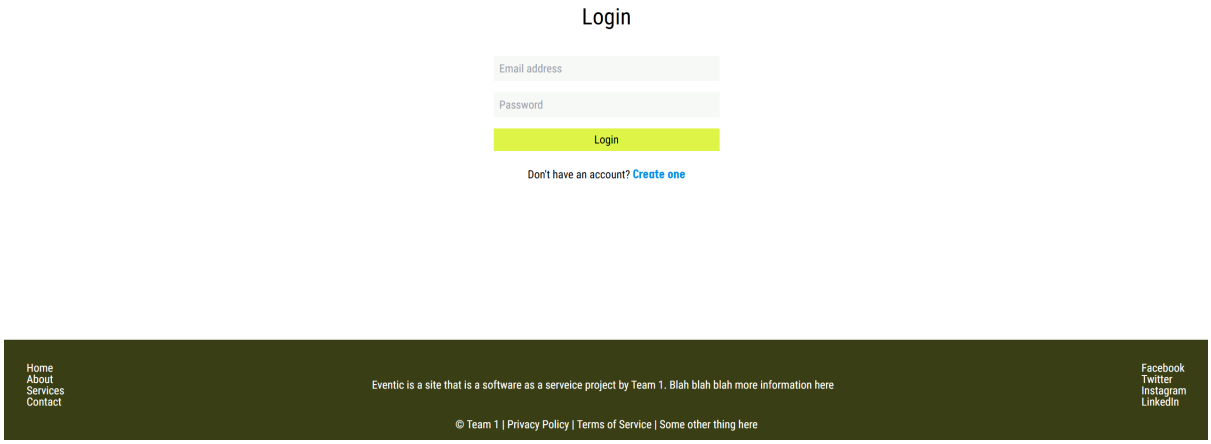
- Developed basic home page
- Implemented user authentication system (registration, login, profile management)
- Developed event creation module and event display page with basic UI
- Set up project repository on GitHub and managed version control

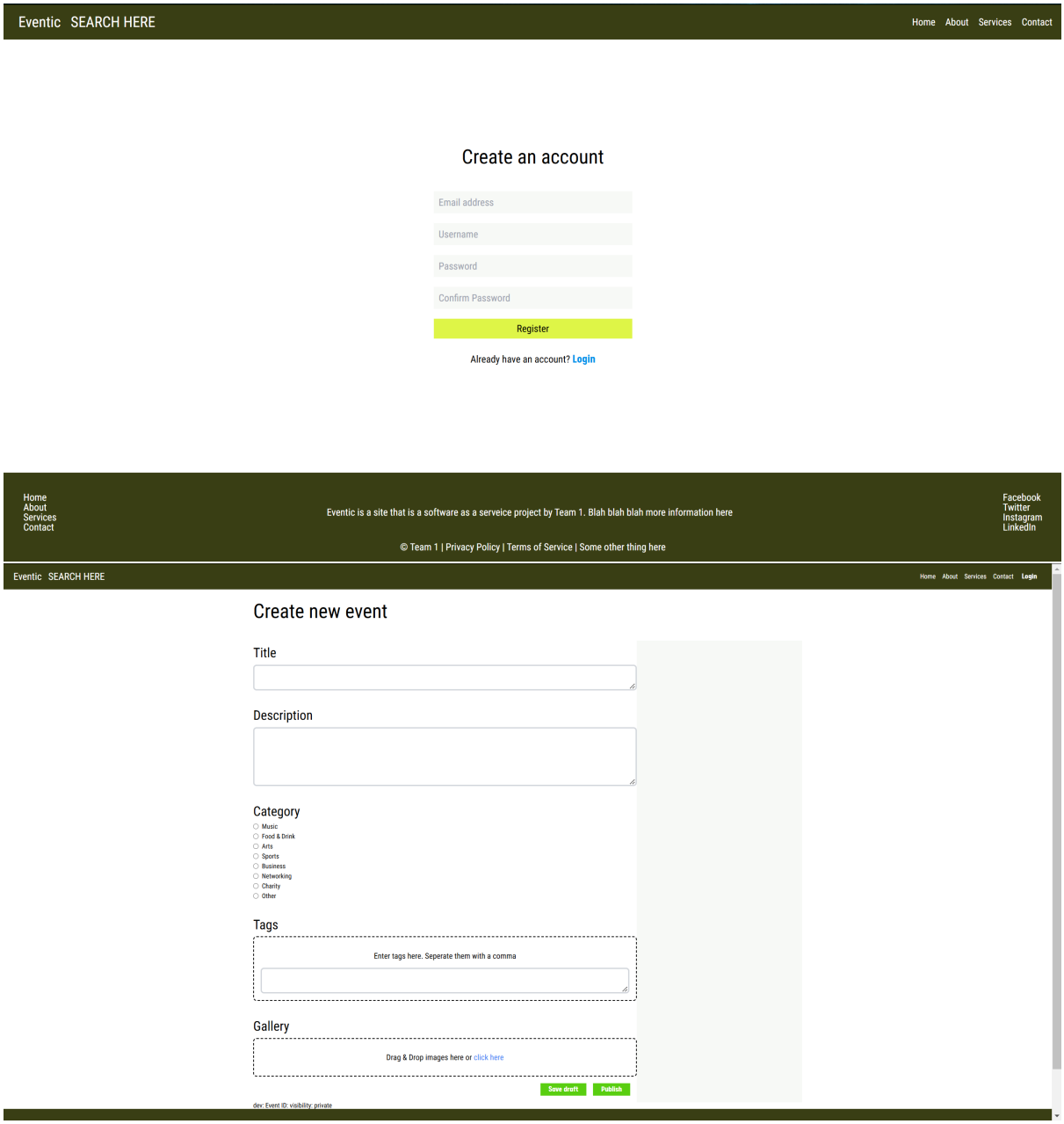
2.1 Challenges Encountered

- **Issues with API integration:** Frontend and backend projects were developed separately, leading to additional work in integrating them. We actively discussed and agreed on specific API call routes and JSON-style data format for communication.
- **Backend Rewrite:** There were discussions on whether a backend rewrite was necessary to improve performance and maintainability.
- **Managing team coordination and task distribution:** Initial challenges in defining clear responsibilities and task breakdown.
- **Initial bugs in database schema and authentication logic:** Required debugging sessions to refine database structure and user authentication.

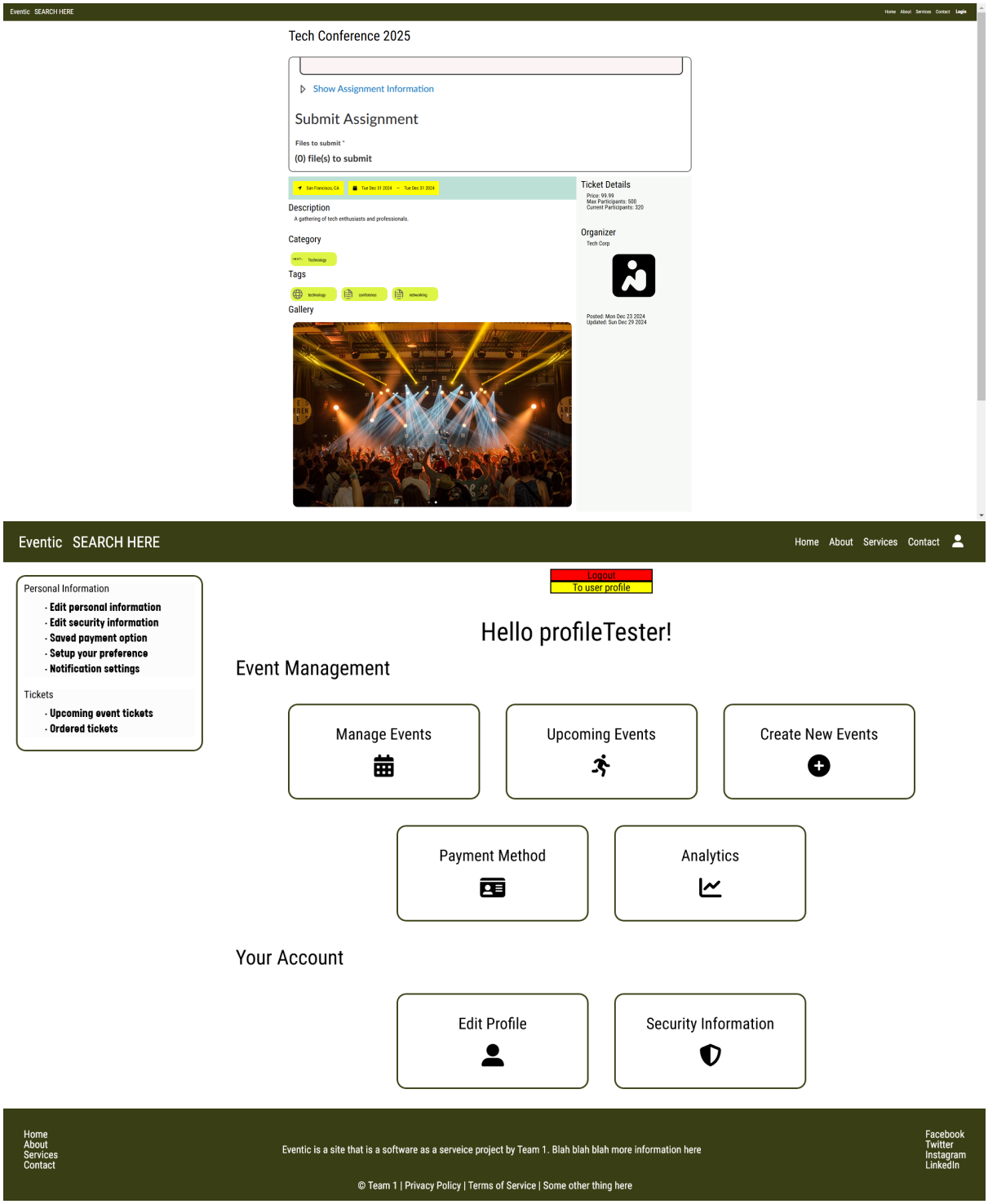
2.2 Screenshots of System Progress







- Users can fill out a form to create an event in the Eventic system.
- The user can save this event as a private draft or publish it as a public event.
- If changes are needed, the user can use the event editor to modify the event. The system fetches existing event data from the backend, and users can edit and save updates.



- Users are granted access to the profile page after they're logged in.
- On the profile page, users can view events they created/registered
- Users are allowed to change their account information, such as password, username, etc.

3 Implementation of Software Engineering Process

Eventic is being developed using the Agile-Scrum methodology.

- Two-week sprints with backlog refinement.
- Weekly meetings to track progress.
- Sprint retrospectives to review and improve workflows.
- Code reviews before merging branches to maintain code quality.

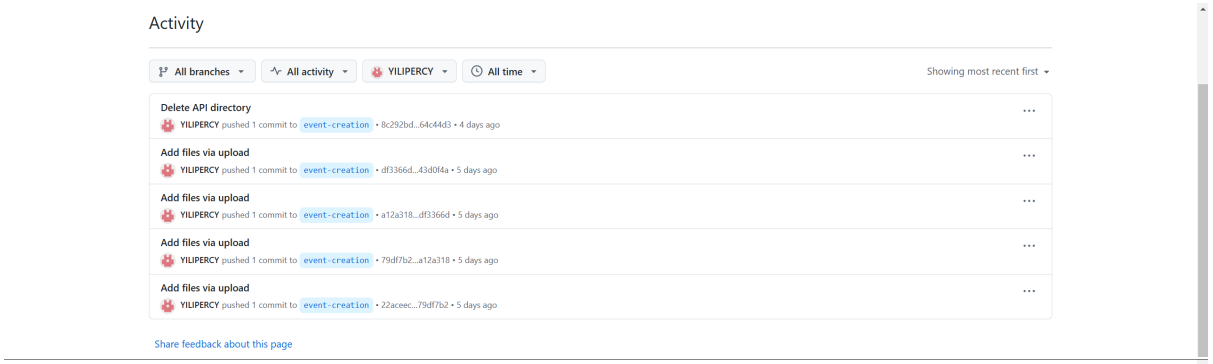
3.1 Sprint Breakdown

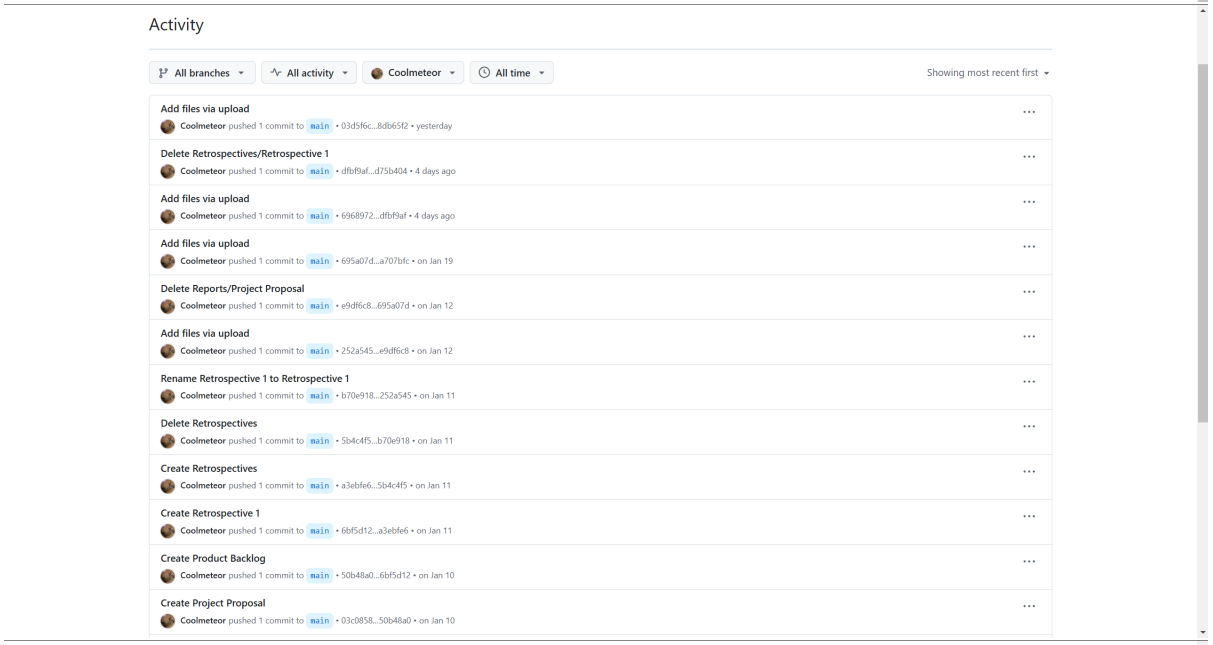
- **Sprint 1:** Setting up project repository, defining tech stack, initial UI designs, setting up React framework. Created homepage, login page, and user profile page.
- **Sprint 2:** Setting up Database, Basic authentication system, event creation module, API integration, frontend-backend communication. Created event creation page, event display page, and refined user profile page.

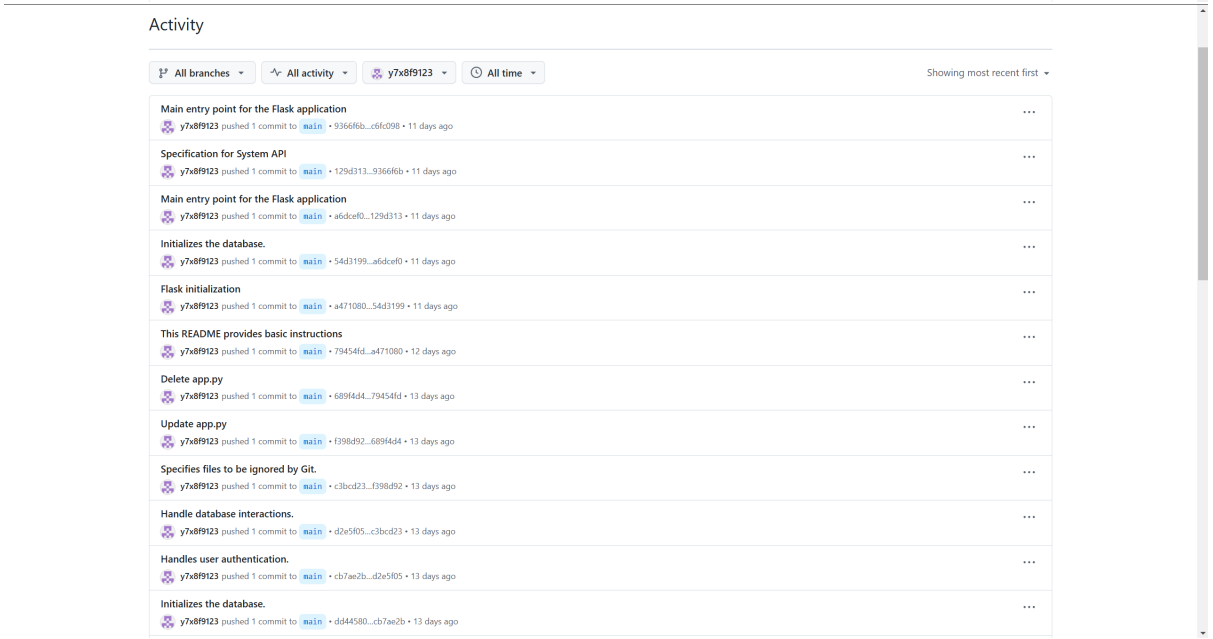
4 Team Contributions

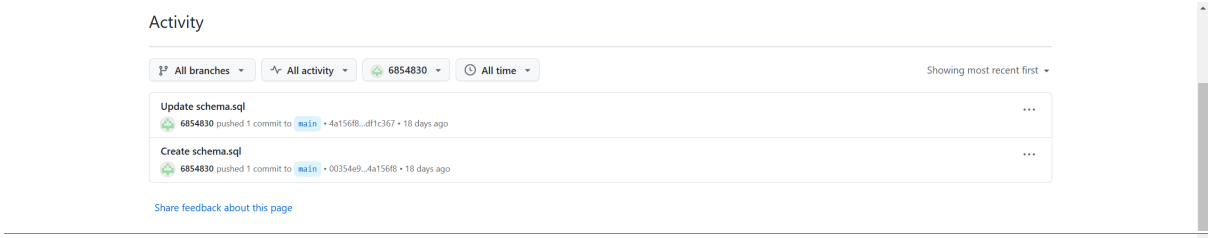
Team Member	**Tasks Completed**
Yi Li	Maintain Product Backlog on Jira, define sub-tasks and priorities, technical support
Justin Bai	Scrum Master, handled sprint planning, coordinated meetings, draft reports
Xuefei Yao	Developed API and backend functions
Zhanping Zhou	Set up and maintain database
Michael Zhou	Set up React Framework, developed frontend UI for Homepage, Login Page, Register Page, event creation and display pages.
Shoei Yamamoto	Designed front-end UI draft, developed user profile page

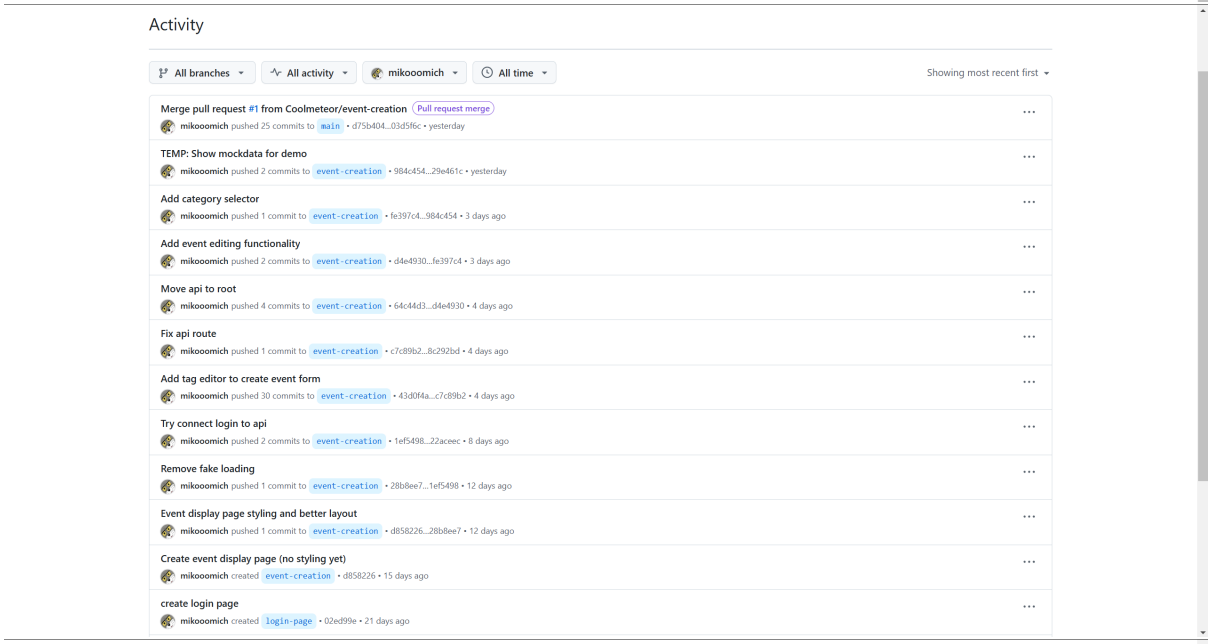
4.1 Recent GitHub Activity Log

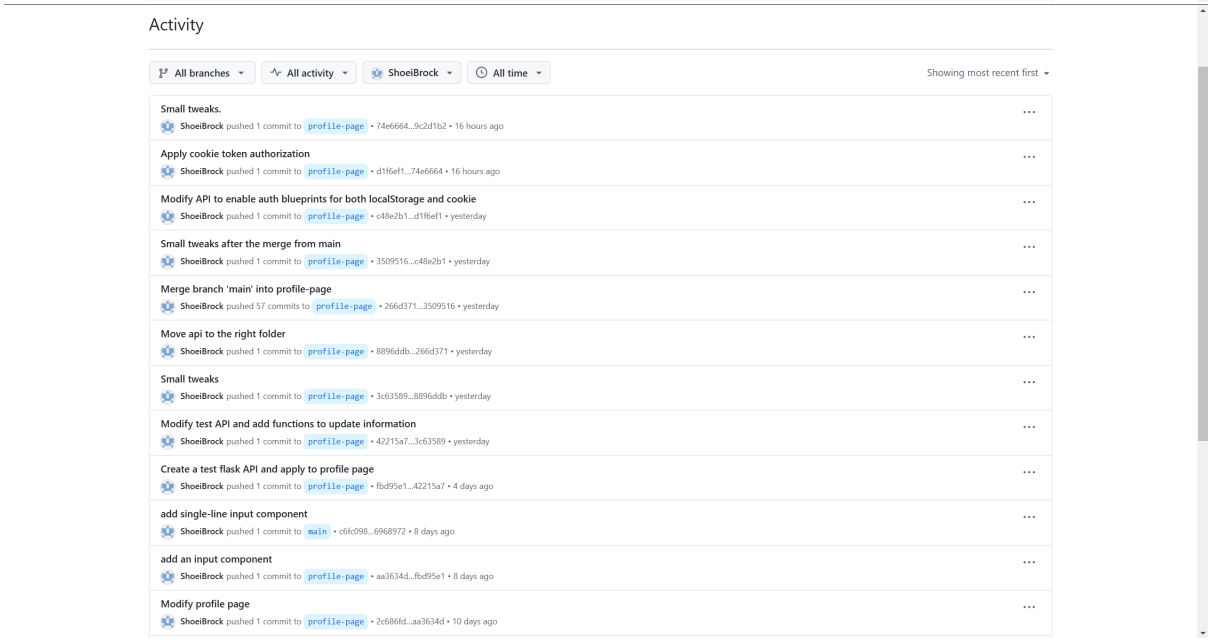












5 Plan for the Next Phase

In the upcoming sprint, we plan to:

- Implement event recommendation, search, and display features.
- Allow users to register for events.
- Implement payment system.

- Improve UI/UX design for better user experience.

6 Conclusion

Significant progress has been made on the development of Eventic. The implementation of the Scrum development process has been successful, and teamwork has been effective. Moving forward, we will focus on developing new features, refining existing ones, enhancing usability, and ensuring the system is robust before final deployment.