

Enzo Batungwanayo:

In this Bookstore project, I helped with the integration of the frontend with the backend. I worked on fixing some endpoint and controller errors to make sure the integration was smooth and everything worked as expected.

On the frontend, I used HTML, CSS (with Bootstrap), and JavaScript to build a responsive and interactive interface. I made sure that the frontend was calling the correct backend endpoints and that the data was displayed properly on the pages.

I also contributed by testing the API endpoints, checking both the frontend and backend sides to confirm they work as intended and return the right responses. This helped ensure a seamless connection between the two parts of the application.

Okeke Kosisochukwu:

As part of the Bookstore project, I designed test cases for auth, categories, models, and cart flows, then fixed every failure uncovered by npm run test, failed test, and test suites, missing validations, and flaky data. I identified and fixed 3-7 test errors in authentication, categories, models, e.g. books and user cart features. I resolved issues like failed test and test suites, and malformed payloads through unit test and Postman-based API testing. My work improved reliability, reduced bugs, and strengthened collaboration between frontend and backend teams.

Samuel Komaiya:

As part of the development team, I was responsible for building the Cart class to handle the shopping cart functionality, defining the necessary database schema using the mongoose ORM, and setting up the Cart routes to manage cart-related operations. To ensure the API's reliability and security, I also incorporated throttling mechanisms to protect against excessive requests. Additionally, I contributed to the system architecture documentation, outlining the design, security and scalability considerations for the application. This comprehensive approach allowed us to deliver a well-structured backend system that seamlessly integrates with the frontend UI, providing a cohesive and user-friendly experience for our users.

Nagasaro Ghislaine:

For this project, I helped write the project proposal by sharing ideas about how the system should work and what features it should include and also in the preparation of the first draft. I also worked on building the main parts of the system using classes in code. I created a **Book** class to store information like the book's title, author, price, and stock, along with methods to manage and update this information. I made a **Category** class to organize books into genres like fiction or non-fiction, which helps with sorting and filtering. I also developed a **User** class that lets people register, log in, and choose whether they want to buy or sell books. My work helped build a simple but functional structure for the whole system, making it easier to manage users and books.