

Sprint 3 Review

What has been done:

- Integration of Jenkins into the project in preliminary CI / CD implementation.
- Extensive unit tests of the core backend functions of the application.
- Docker image
- Implementing key features of the application including:
 - User registration and login, and saving user data into database
 - Book search with filtering books by book name or author
 - Created functionality for adding books into shopping cart
 - Created checkout which saves user order into database after successful payment
 - User profile that displays user information and populates history with bought books
 - Admin management for adding/deleting books, authors and genres

What is in progress:

- The total number of completed user stories is 15 with one left in progress
- During sprint 3 one user story was required to be postponed for sprint 4
- Unit testing for front end
- Implementation of continuous development through Jenkins
- Update methods for genre, book and author services

Obstacles we faced:

- During sprint 3 the team did not encounter any obstacles.

Links:

Project Repository:

<https://github.com/TheColourYellow/Autumn-2025-SDP-1>

Sprint 3 Trello board:

<https://trello.com/b/SNss2yVS/sprint3>