

Project Title	New and Old book shop
Technologies	Java, JDBC, Servlet, JSP, HTML, CSS or any frontend framework of your choice
Domain	Ecommerce
Project Difficulties level	Medium

Problem Statement:

Make a website application to sell both new and used books. Consider the following scenario: Someone buys a book, and after finishing it, they should be able to sell it again using our application.

Approach: Implement the following function in your application.

1. Make it possible for the reader to register for our application.
2. Enable the reader to browse the book collection and buy any title.
3. Enable book tracking for users.
4. Permit the customer to complete the payment.
5. Enable customers to upload the book for purchase.
6. Enable complete history tracking for the user.
7. Enable user evaluations for each book.
8. Enable user-to-reader discussion on any subject.

Project Evaluation metrics:**Code:**

- You are supposed to write a code in a modular fashion
- Safe: It can be used without causing harm.
- Maintainable: It can be maintained, even as your codebase grows.
- Portable: It works the same in every environment (operating system)
- You have to maintain your code on GitHub.
- You have to keep your GitHub repo public so that anyone can check your code.
- Proper readme file you have to maintain for any project development.
- You should include basic workflow and execution of the entire project in the readme file on GitHub
- Follow the coding standards.

Solutions Design:

- You have to submit complete solution design strategies in HLD and LLD document

System Architecture:

- You have to submit a system architecture design in your wireframe document and architecture document.

Latency for model response:

- You have to measure the response time of your model for a particular input of a dataset.

Optimization of solutions:

- Try to optimize your solution on code level, architecture level, and mention all of these things in your final submission.
- Mention your test cases for your project.

Submission requirements:

High-level Document:

You have to create a high-level document design for your project. You can reference the HLD form below the link.

Sample link:

[HLD Document Link](#)

Low-level document:

You have to create a Low-level document design for your project; you can refer to the LLD from the below link.

[LLD Document Link](#)

Architecture: You have to create an Architecture document design for your project; you can refer to the Architecture from the below link.

Sample link

[Architecture sample link](#)

Wireframe: You have to create a Wireframe document design for your project; refer to the Wireframe from the below link.

Demo link

[Wireframe Document Link](#)

Project code:

You have to submit your code GitHub repo in your dashboard when the final submission of your project.

Demo link

[Project code sample link:](#)

Detail project report:

You have to create a detailed project report and submit that document as per the given sample.

Demo link

[DPR sample link](#)

Project demo video:

You have to record a project demo video for at least 5 Minutes and submit that link as per the given demo.

Demo link



[Project sample link:](#)

The project LinkedIn a post:

You have to post your project detail on LinkedIn and submit that post link in your dashboard in your respective field.

Demo link

[Linkedin post sample link :](#)

