## **Java Case Study**

## **Title : Online BookStore.**

## Description:

## The following project is designed for Fresh graduates to enhance their java coding skills and concepts. This project has to be done in stages.

1. Stage 1 – using collections only.
2. Stage 2 – Rework with database. /JPA
3. Stage 3 – Spring Boot
4. Stage 4 – integrate with Microservices

## An Online book store offers books from categories like Technical, Fiction, Biographies and Others.

## Every book is identified with a isbn number and has title, authors, price and stock as fields.

## Customer registers with following details like : name,email and phone number. Customer id is autogenerated. Customer logs in to view books based on a category, title pattern and other relevant filters .

## Customer picks a book and is added to cart, he can view ,update and delete an item in the cart.

## Finally checks out , makes payment and gets a confirmation.

Assignments.

1. Create Classes with proper relation.
2. Add functionalities to the classes.
3. Class BookStore has collection of books. (use arrays or collections)
4. Admin adds ,updates stock or delete a book from the bookstore.