



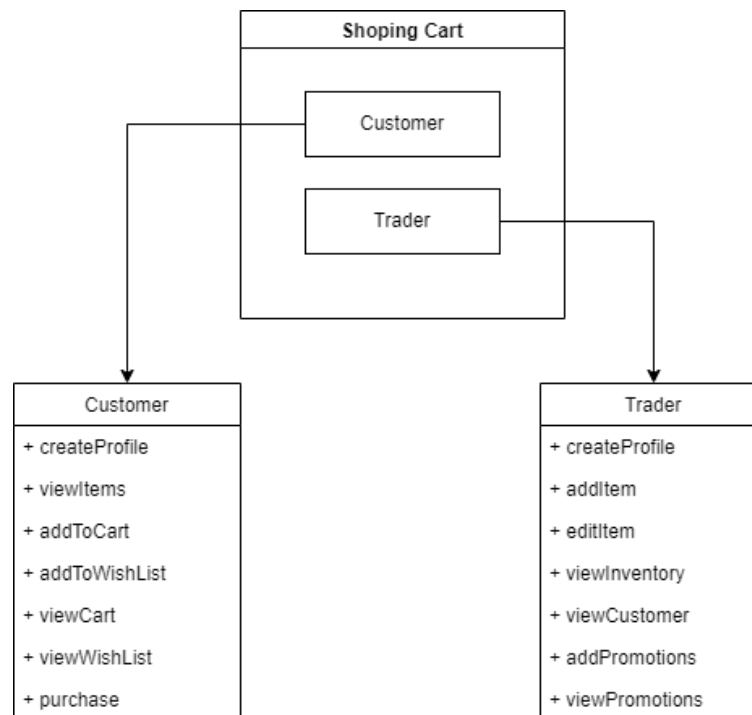
BSc (Hons) in Information Technology Specializing in Software Engineering

Year 3 - 2022

SE3040 – Application Frameworks

Lab Assignment

In this assignment, you must create a simple shopping cart. There are two actors in this app. Customer and the trader. Following chart includes the functions of the two characters.



To develop this app, you must use the following technologies

- Backend – Koajs
- Frontend – ReactJS
- DB – Not needed. Used Map () to store data.

Steps:

1. Clone the repository to your local machine
2. Implement the backend in the backend directory
3. Implement the frontend in the frontend directory.
4. You cannot use create-react-app to generate boilerplate codes
5. You cannot use any other frameworks
6. You don't need to style the user interfaces. Use default html layouts (Material UI, Bootstrap ... not needed)
7. You must be able to complete this assignment within 3 hours

8. Don't copy paste code from the internet. Don't use codes from other students. Since this assignment carries only 10 marks try to code on your own and see where you at.
9. **GradeScope and GitHub Classroom will be used to assess the assignment. If you have copied the code somewhere no marks will be awarded.**
10. Remember to commit the changes more often.
11. Once you finalize the project push the changes to the GitHub classroom (master – branch name)
 - a. `git push origin master`
12. Deadline: 05/06/2022 23:00 +0530 – **this will not be extended for any reason**

GitHub link:

<https://classroom.github.com/a/zd5VOsdl>