



DELIVERABLE 3

Araadia Clothing Store



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CS3009 - Software Engineering - Spring 2023

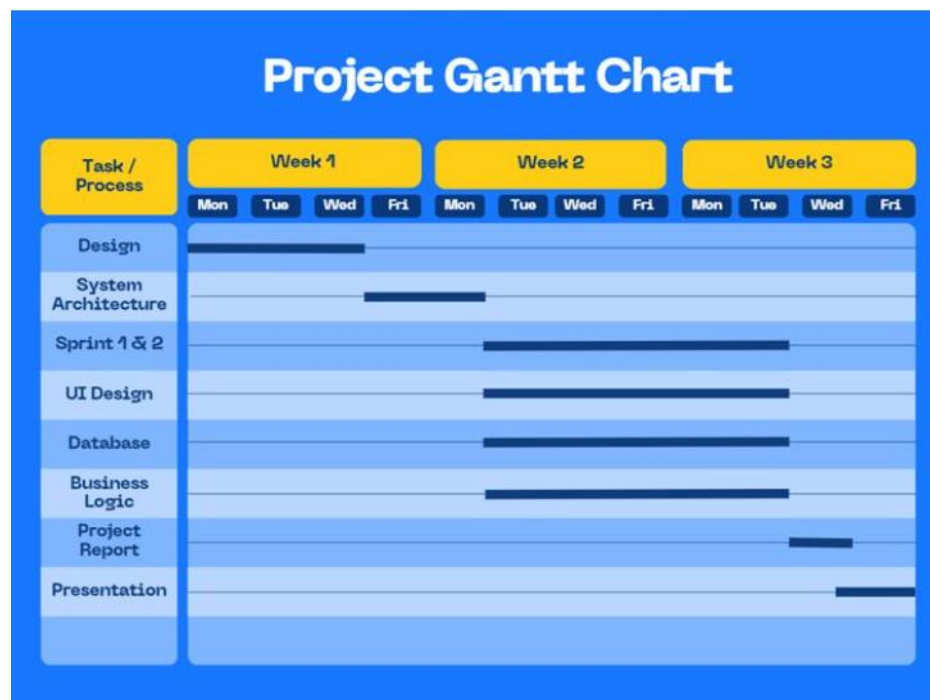
Deliverable 3 - Final Deliverable

A. Software Project Plan

a. Work Breakdown Structure

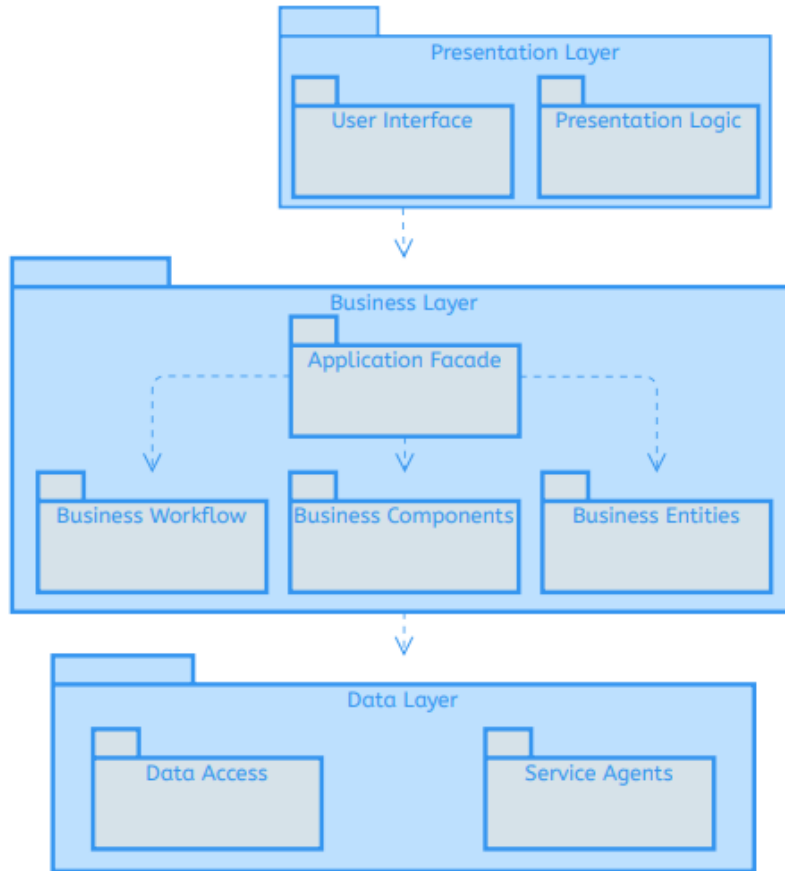


b. Project Gantt Chart



System Architecture

c. Subsystems



d. Architectural Style

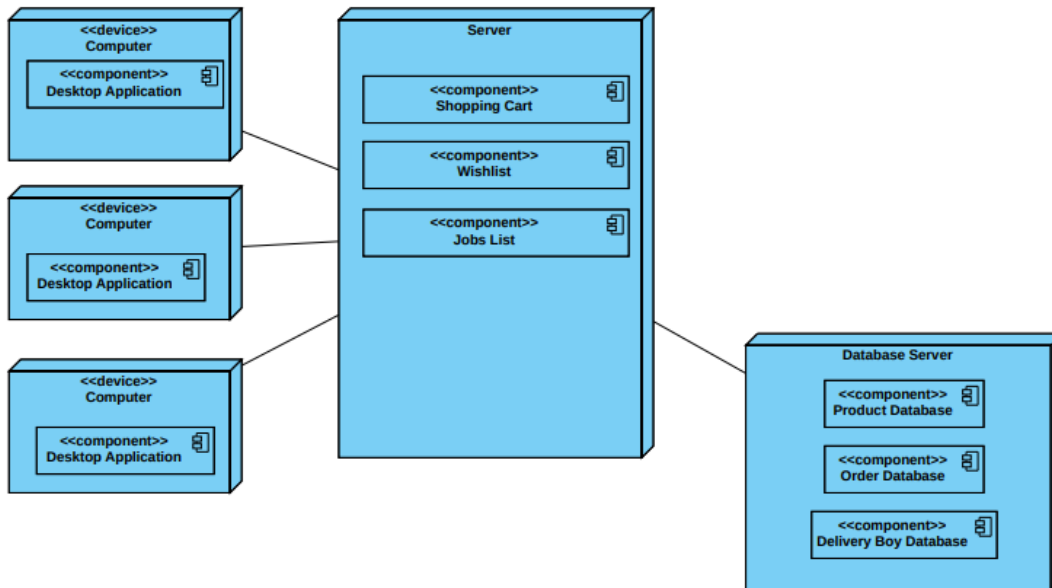
We are using layered architectural style in our project. It means that we are structuring our system into 3 different layers. Each layer has its own functions to do. Following are the 3 layers:

- User interface/ presentation Layer
- Business logic layer
- Database Layer

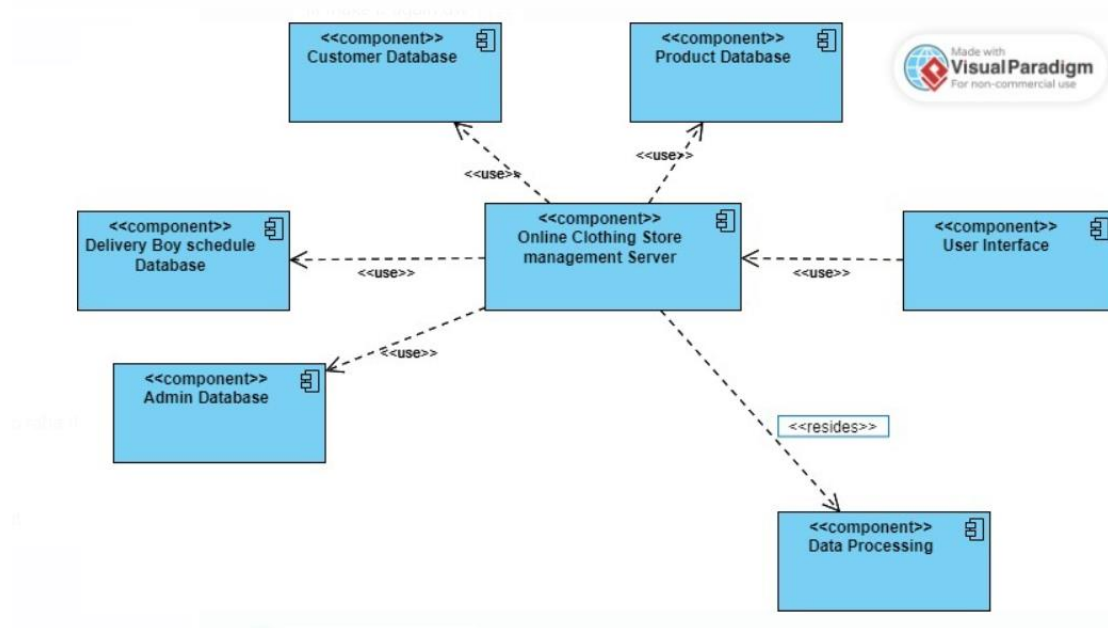
The 1st layer i.e. UI deals with the user interface and how users interact with the system. The 2nd layer is business logic; it handles the processing of data. And the last one is database layer, which manages the storage of data.

e. Deployment Diagram

Online Clothing Store - Deployment Diagram

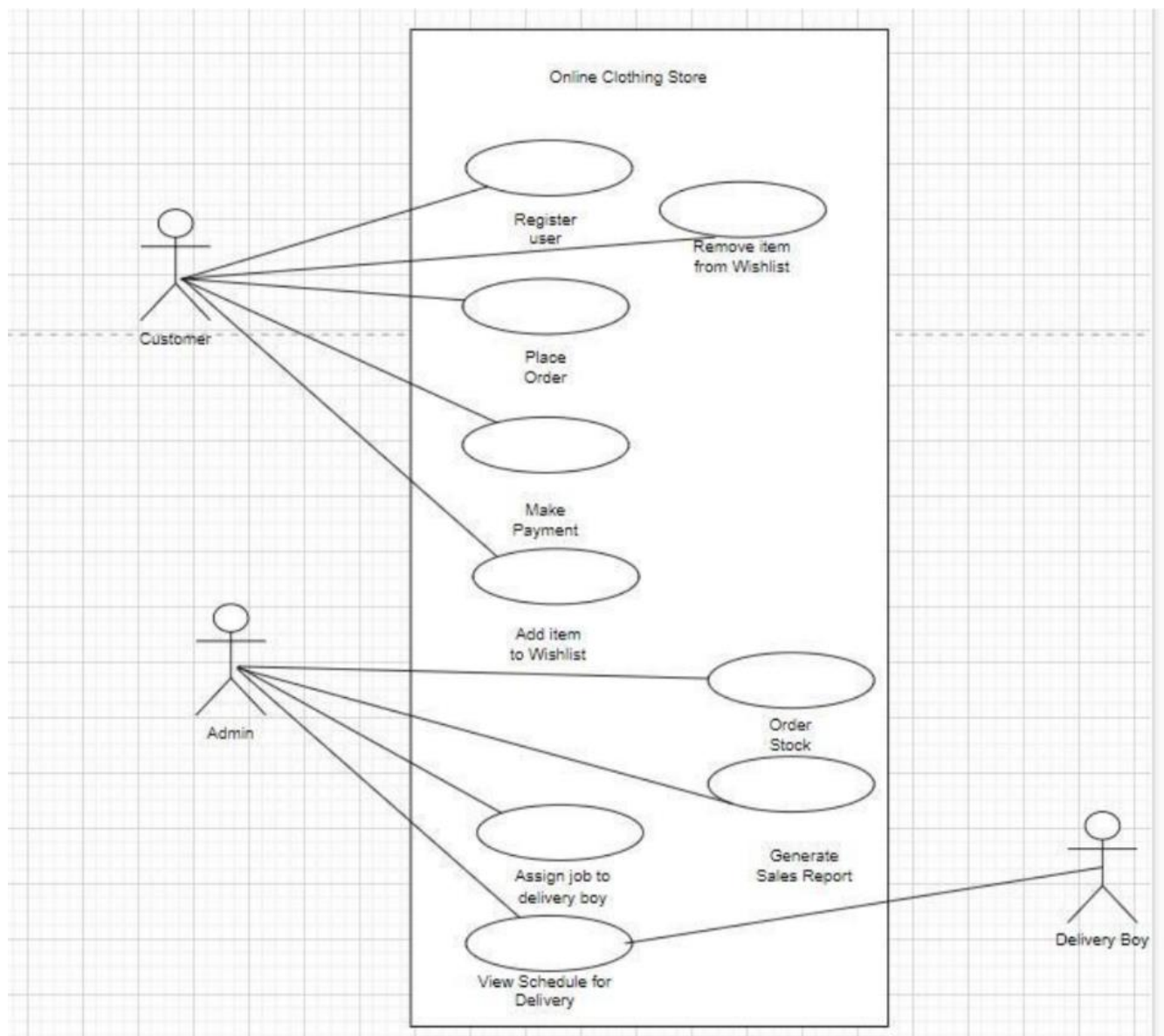


f. Component Diagram



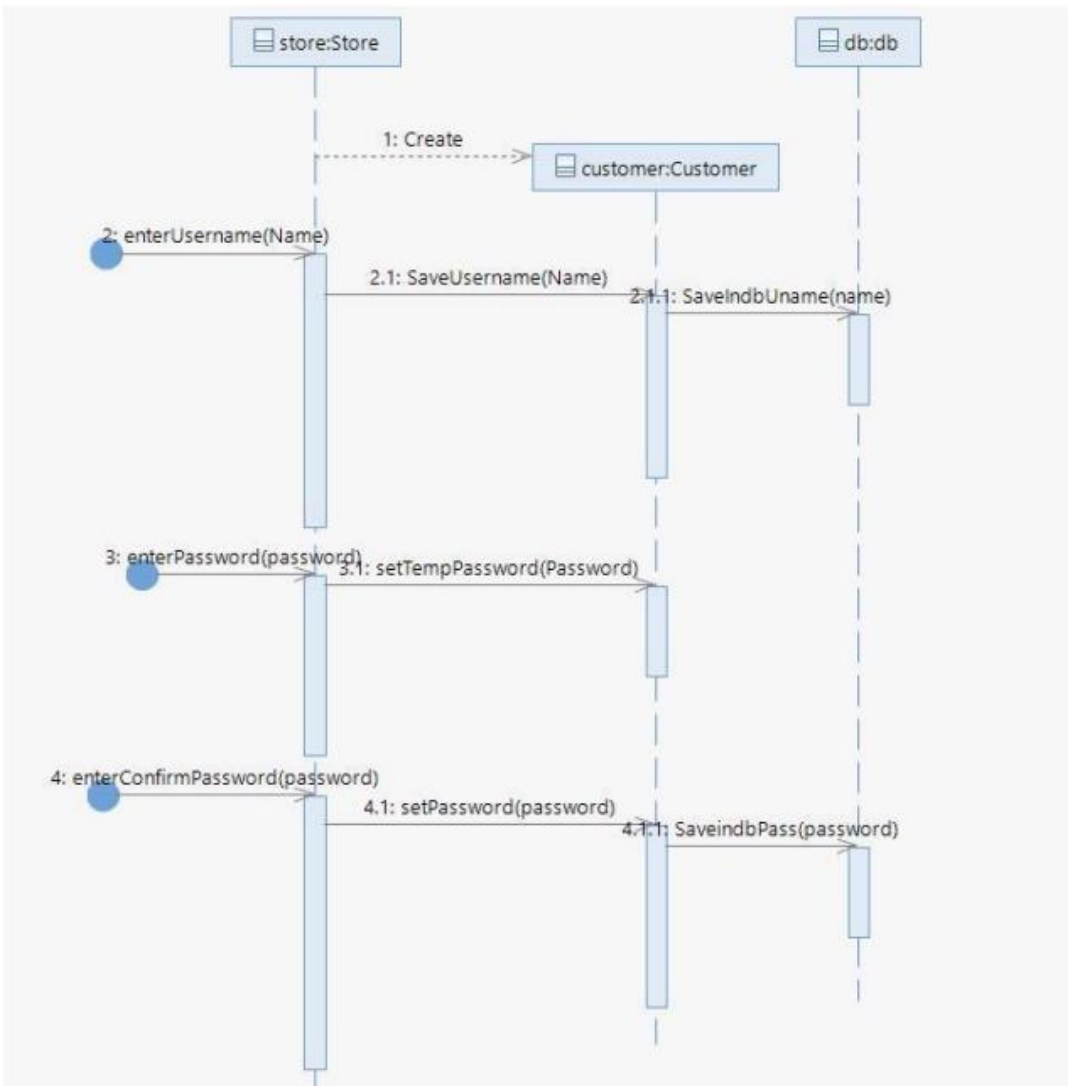
B. Design

a. Use Case Diagram



b. Sequence Diagram

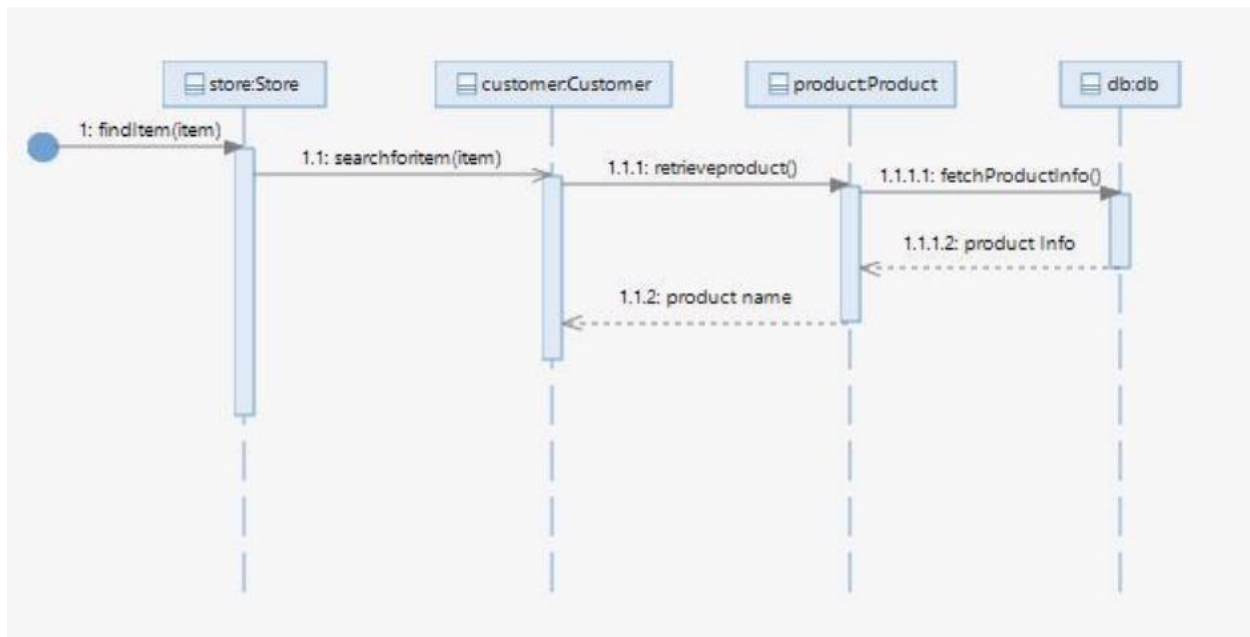
i. Activity 1 -> Register User



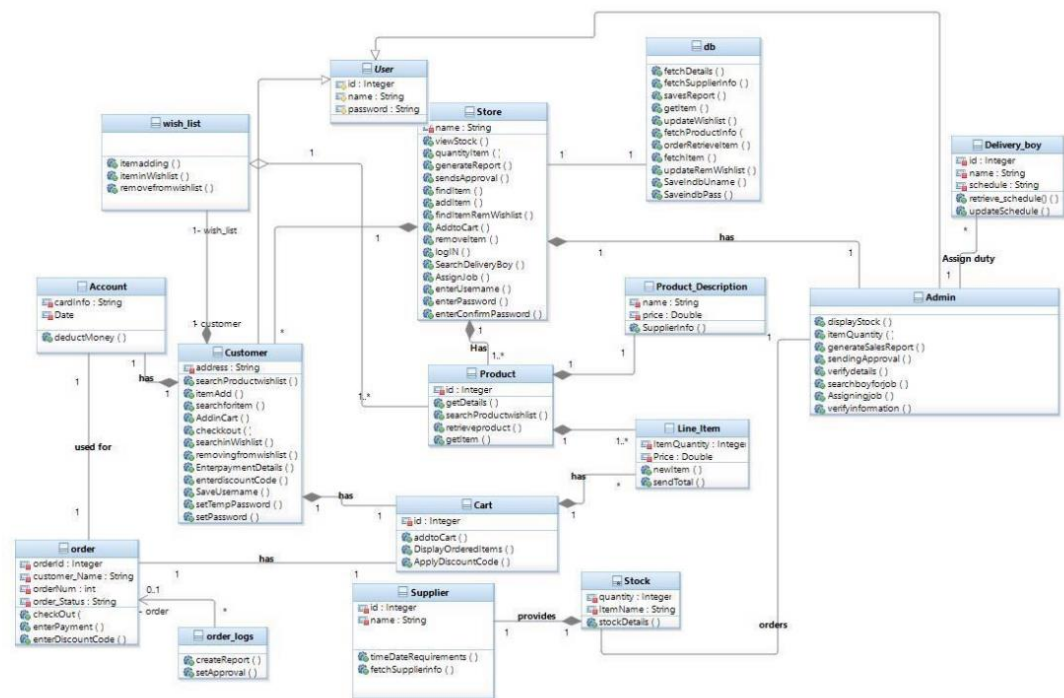
ii. Activity 2 -> View Stock



iii. Activity 3 -> Search item



c. Class Diagram



C. Sprint 1

a. Sprint Backlog

- i. **Module Name:** Admin and customer account management
- ii. **User Stories implemented:** Following are the user stories we implemented from sprint 1
 - Admin login
 - Register user
 - Customer login
- iii. **User Stories Card**
 - Admin login

Title: Admin Login	Priority: 1	Estimate: 2
User story As an admin, I want to be able to login into my account so that I can access admin privileges.		
Acceptance criteria Login page should be accessible to admin. System should be able to verify username and password of admin.		

- Register user

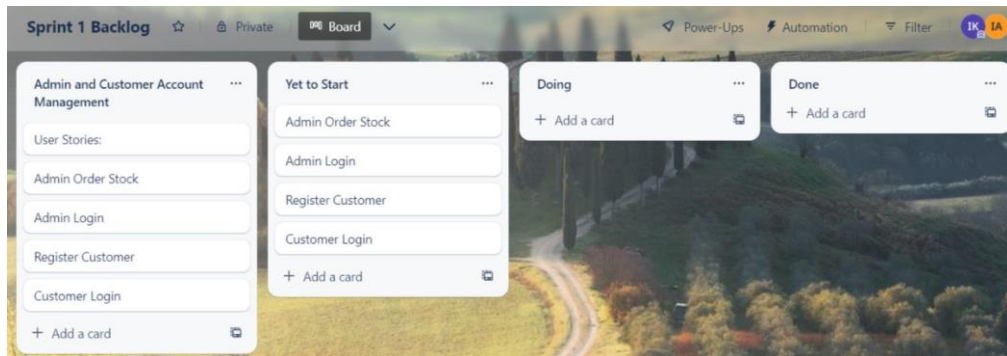
Title: Register User	Priority: 1	Estimate: 2
User story As a new user, I want to be able to register for an account so that I can make purchases.		
Acceptance criteria Registration page should be accessible. Database got updated.		

- Customer login

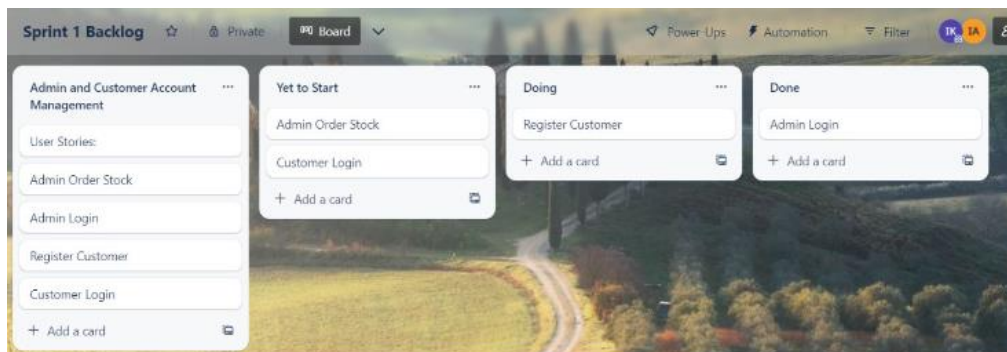
Title: Customer Login	Priority: 1	Estimate: 1
User story As a customer, I want to be able to login into my account so that I can make purchases.		
Acceptance criteria Customer should be able to access login page. Customer get access to their account and would be able to make purchases.		

b. Scrum Board

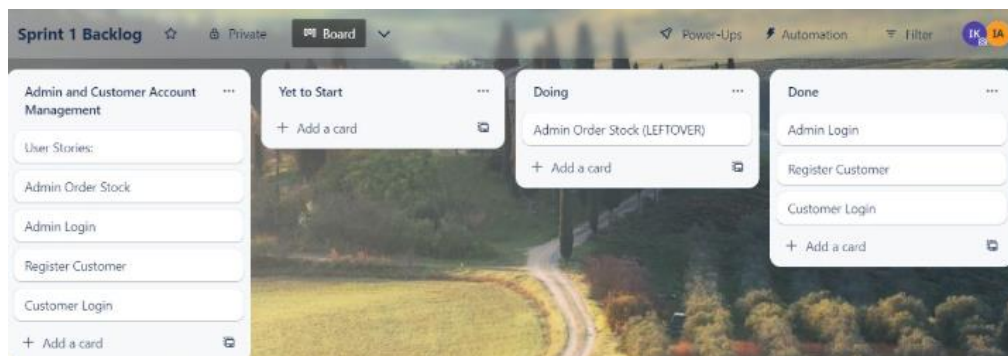
i. Snapshot 1



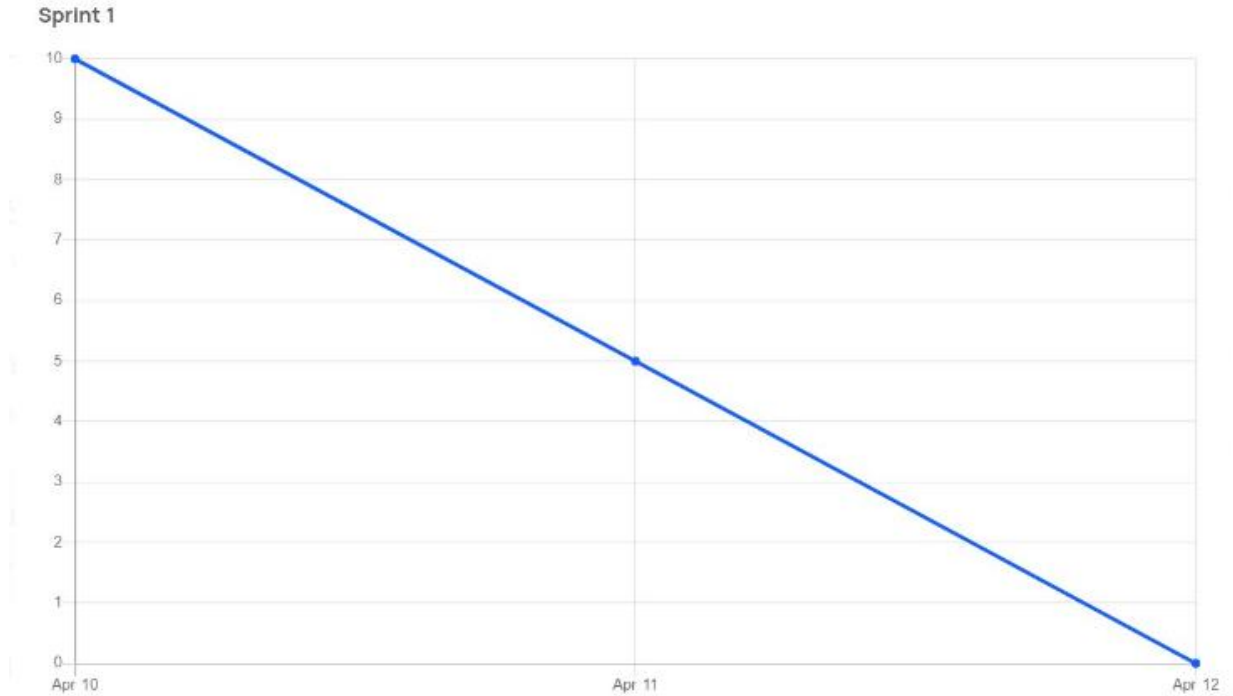
ii. Snapshot 2



iii. Snapshot 3



c. Burn-down Chart



D. Sprint 2

a. Sprint Backlog

- i. **Module Name:** customer wish list and delivery Management management
- ii. **User Stories implemented:** Following are the user stories we implemented from sprint 1
 - View schedule for delivery boy
 - Assign job to delivery boy
 - Add items to wish list
 - Remove items from wish list
- iii. **User Stories Card**
 - View schedule for delivery boy

Title: View schedule for delivery boy	Priority: 2	Estimate: 1
User story As an admin, I want to be able to view delivery schedules of delivery boy so that I can see if jobs are being assigned fairly.		
Acceptance criteria List of delivery boys should be accessible. Schedules of delivery boys should be seen.		

- Assign job to delivery boy

Title: Assign job to delivery boy	Priority: 1	Estimate: 2
User story As an admin, I want to be able to assign delivery jobs to delivery staff so that orders reach the customers on time.		
Acceptance criteria Admin should be able to see the list of delivery boys. He should be able to choose delivery boy for assigning the job.		

- Add items to wish list

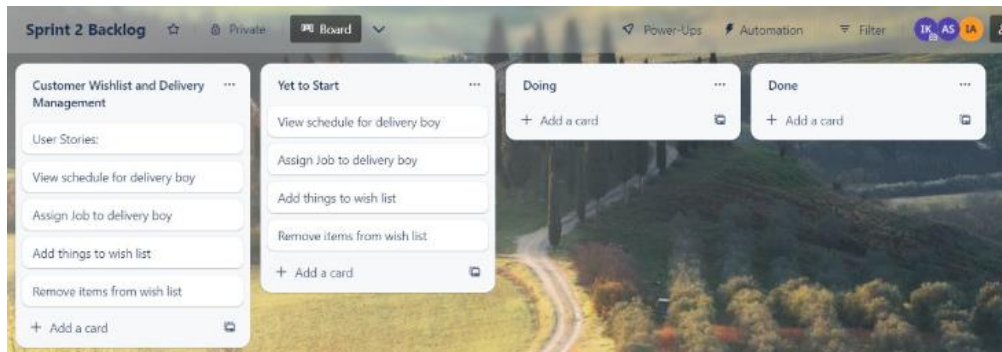
Title: Add items to wishlist	Priority: 2	Estimate: 3
User story As a customer, I want to be able to add items to wish list so that I can keep track of items I want to order.		
Acceptance criteria Multiple items can be added to wishlist. Wishlist should get updated.		

- Remove items from wish list

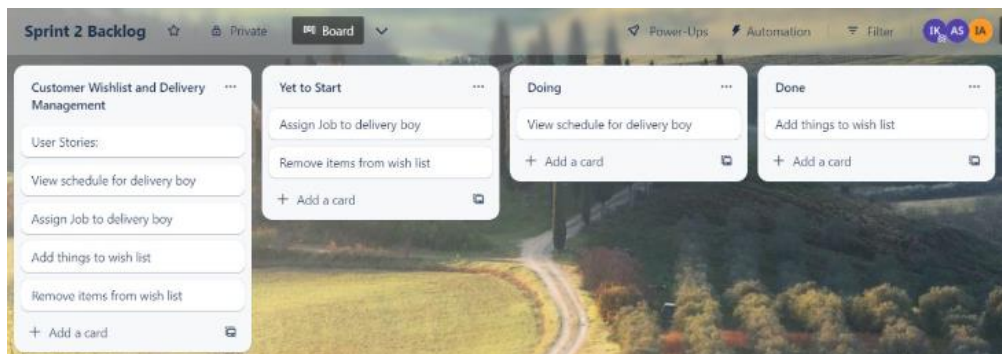
Title: Remove items from wishlist	Priority: 2	Estimate: 2
User story As a customer, I want to be able to remove items from wish list so I do not clutter my wish list with things I no longer want.		
Acceptance criteria Customer should be able to access wish list and be able to see confirmation message after an item is successfully being removed from wishlist. Wishlist should be updated.		

b. Scrum Board

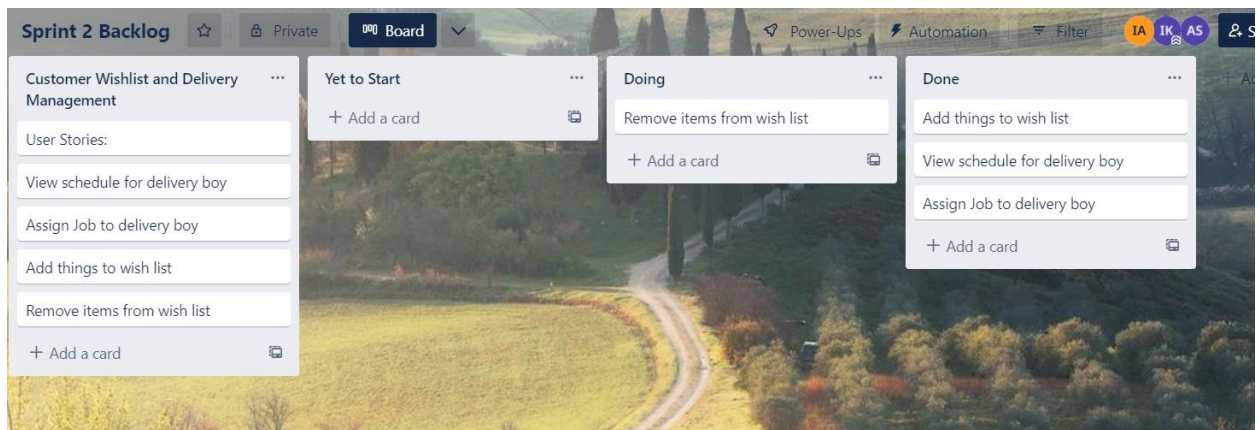
i. Snapshot 1



ii. Snapshot 2



iii. Snapshot 3



c. Burn-down Chart

