CS545-WEB APPLICATION ARCHITECTURE

MINI-ONLINE-MARKET

Group Members:

1. Bereket Yemane Berhe
2. Ghebrehiwet Goitom Araya
3. Ghidiom Nughusse Beraki
4. Helen Teklemariam Tsehaye
5. Meron Tedros Hadera

CS 545 - Web Application Architecture

Project Requirements - (React + Spring)

This is an engineering proof of concept. The goal is to get some hands-on experience building a full-stack project with Spring and React technologies.

A GROUP CONSISTS OF MAXIMUM 5 MEMBERS

Project Topic – Mini Online Market

Feature	Score	Done
Admin		
a. If the seller registers to the web site, he/she need to get approval from Admin in order to post products.	**2**	✓
b. The admin should approve the reviews that are made from the Buyers.	**1**	✓
Seller		
a. Register as Seller	**2**	✓
b. Product (CRUD). If a product has already been purchased, it cannot be deleted.	**2**	✓
c. Seller cannot buy products from the website	**1**	✓

d. Maintain orders
    a) Cancel Order, the status of order on buyer's part should also changed
    b) Change Order status (Shipped-On the way-Delivered)
	4	✓

Buyer		
a. Register as Buyer	**2**	✓
b. Follow and Unfollow Seller	**2**	**Not Fully**
c. Cannot sell items on this website	**1**	✓
d. Can place an order a) Maintain Shopping Cart (CRUD)	**5**	✓

b) Maintain Shipping and Billing Address c) Maintain Payment. <Not Implemented> d) Place order e) Every successful purchase (not returned), gain points from the website. You can use points to buy products (something like coupons)		

e. Maintain Orders
    a) Check Order History
    b) Can cancel order before shipping, after shipping cannot
    c) Download/Print receipt as PDF or Excel
    d) Write Product Review. Review must be approved by Admin before live.
	4	✔

General		
Login/Logout	**2**	✔
Security with JWT (Users should not be able to access other pages links)	**4**	✔
Process verifications etc. (user get email of purchase, gets a message)	**2**	✔
Validation is required for all form submission. Otherwise, you'll not get full credit on different feature part.	**2**	✔
Technical aspects		
Neat code and organization	**2**	✔
Managed packages, folders, and files	**2**	✔
Project Submission		
1) List all Team Members with Student ID 2) List all features implemented in your project. Use this table, if you implemented, check on that feature. 3) Document how to configure /Install Application 4) Application should have pre-populated data. 5) Source code or Github links include documents or links for check-in history 6) Create a video to show functionalities about your project 7) One group submit only one **8) Due Date: Sep 24, 2021 (Friday) 2:00 PM.**		

Note: These Info can also be accessed from the README files of the Backend and Frontend.

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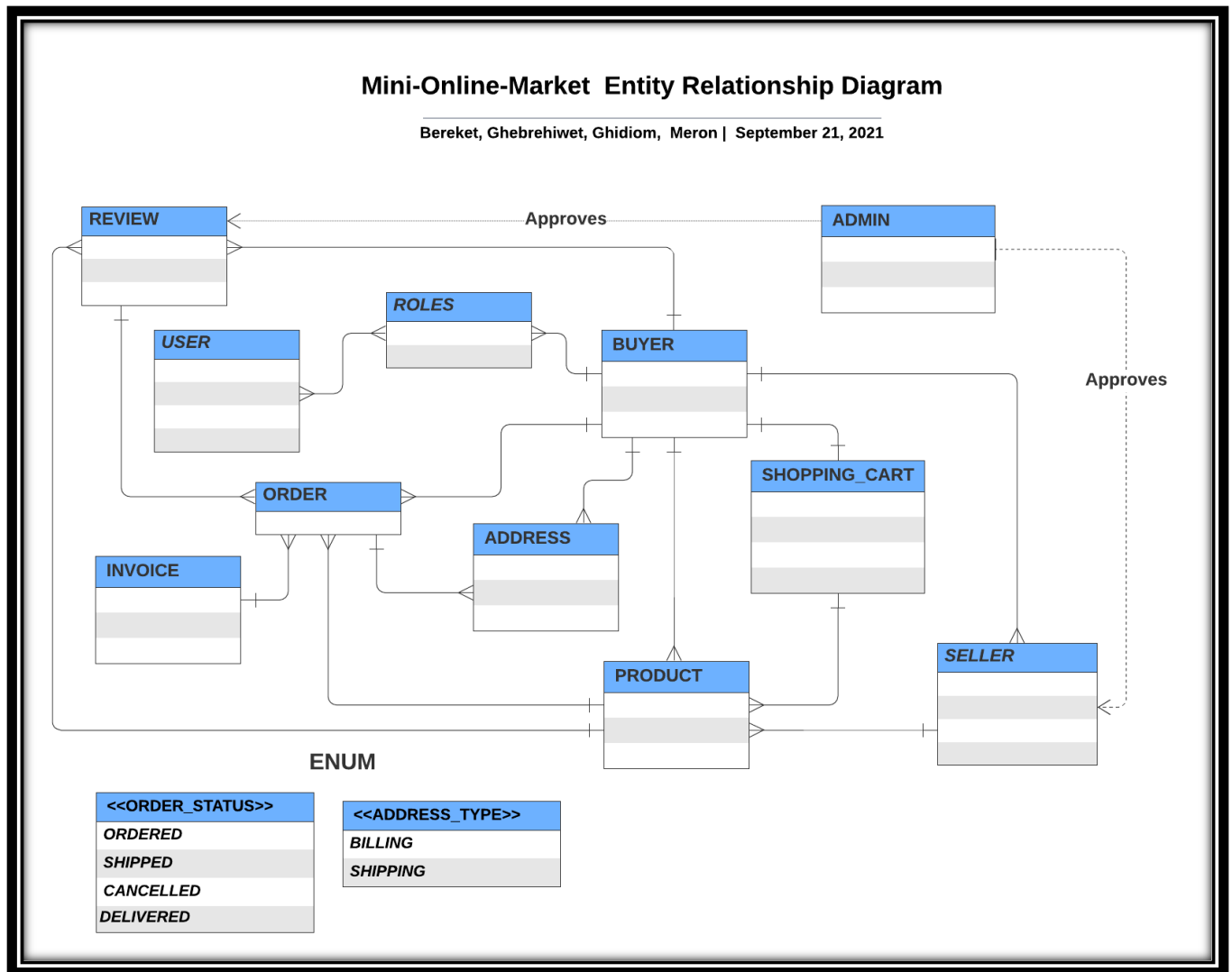
Credentials to Access this website are as Follows:-

Username	password	role
admin	1234	Admin
helen	1234	Buyer
meron	1234	Seller

Entity Relationship Diagram

Video Link: https://www.youtube.com/watch?v=8jOTayD1nUo