Application Framework

Group name: AF-Hackers

Student ID	Name with initials
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Git Repository: https://github.com/NisugaJ/FashionApp

Website URL:

Overview

<u>User type</u>

- **Sample Admin**
  Username: nisuj
  Password: nisu@af
- **Sample Store Manager**
  Username: shehadilu
  Password: sheha@af
- **Sample User**
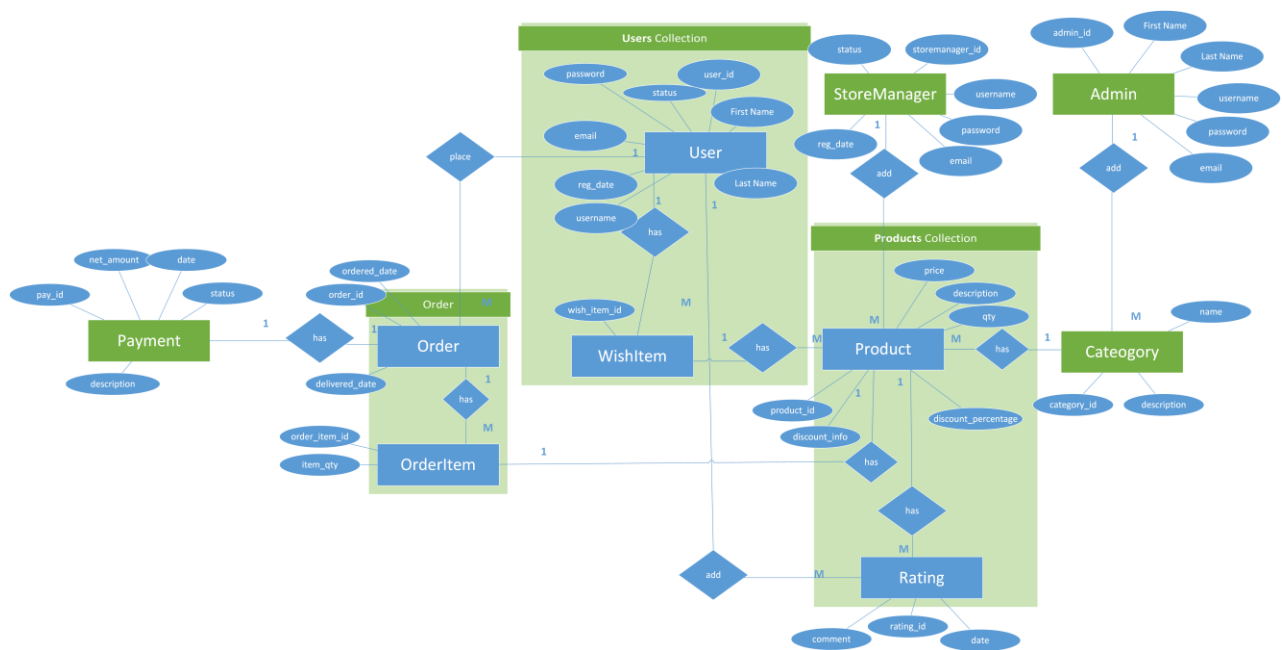 Username: vinugaj
  Password: vinuga@af

<u>Technologies</u>

HTML, SCSS, React, Redux, JWT, Express, Mongoose, Node, Font Awesome Icons, Material UI, Bootstrap
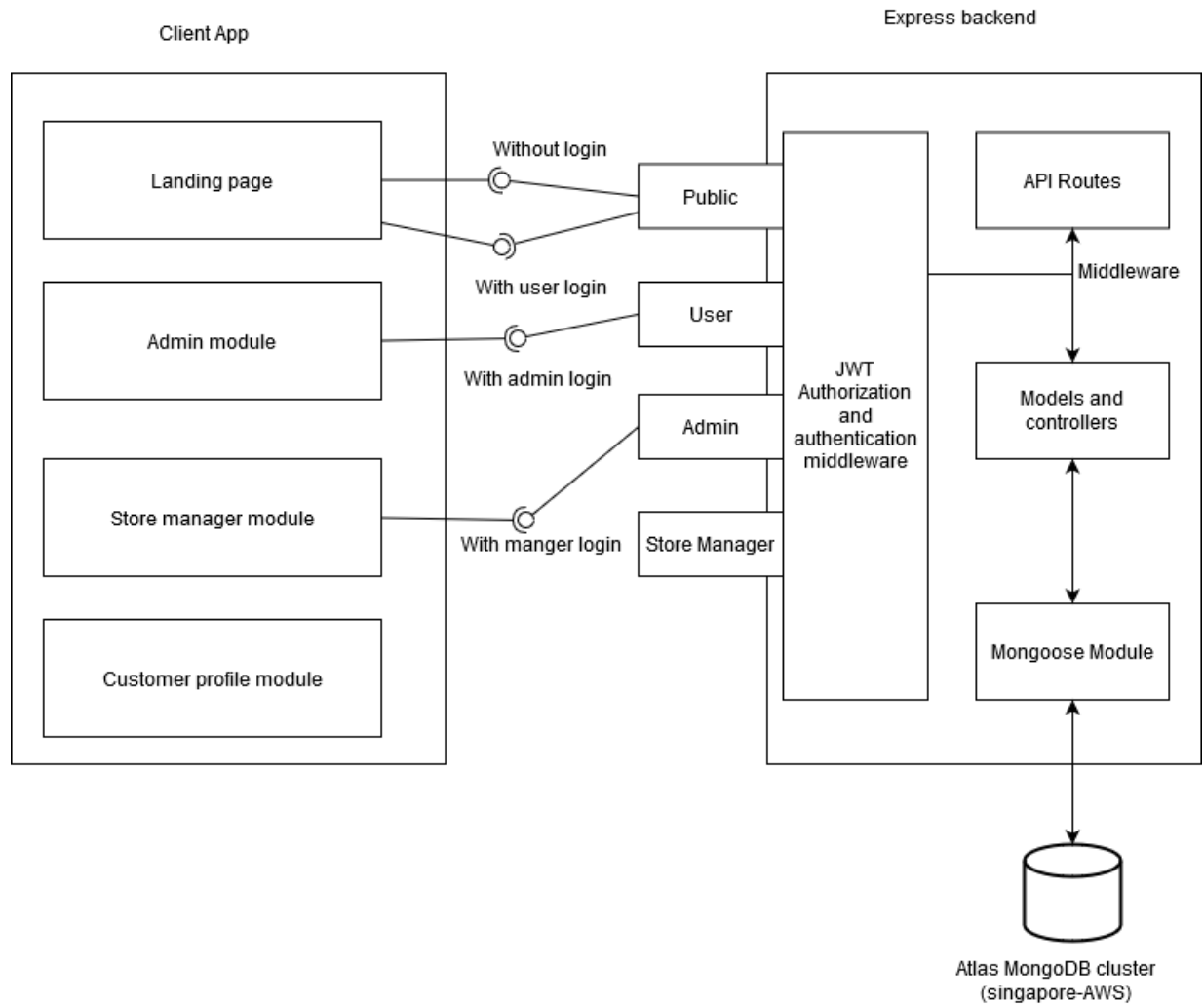
Student ID	Work	Assumptions
IT18117356	- I created Contact us CRUD. - I created Add to Cart CRUD using React and Redux. - I designed Client-side UI components like home page, contact page, product page, about page and cart page using React, HTML, SCSS. - I designed Admin-side UI components like navbar and contacts page.	- I didn't put edit option in contact because It is very bad if we change user's data, but I did put email button to send email easily. - I didn't send cart data to the database because Microsoft store don't save cart data too.
IT18061376	Created CRUD operations for Products	Uploaded images to a cloud and saved

	• Created a page to view products from the store manager's panel	the url in the db to increase security and performance
IT18134490	• Used the MERN stack for store managers CRUD • Used the MERN stack for category CRUD • In dashboard the total of categories and store managers are displayed	• I did not let the manager change their details only the admin can update or delete manager details • Admins doesn't register more admins
IT18117110	• JWT Authorization Middleware based on Client Types (Admin, Store Manager , User) • JWT Client Authentication • Users(Customers) CRUD Functionalities • Product Ordering Workflow after cart finalization	• Using JWT Tokens we can manage Authentication and Authorization without saving user sessions in the a server. • Assumed that above feature is more secure nowdays

ER-Diagram

Physical Diagram

Client App

Express backend

Landing page

Without login

Public

With user login

Admin module

User

With admin login

Admin

Store manager module

With manger login

Store Manager

Customer profile module

JWT
Authorization
and
authentication
middleware

API Routes

Middleware

Models and
controllers

Mongoose Module

Atlas MongoDB cluster
(singapore-AWS)

Division of the project into components

Store Manager registration

The admin can register store managers. When submitting manager's First name, Last name, username, password and email. After creating an account email will be sent to the store manager that an account has been created for store manager.

Add category component

The admin can add category so that the store managers can add products according to the given category.

Contact Us

There is a contact us page and you can go to that page by clicking contact button in navigation bar. You don't have to login to the system.

After you submit the form admin will get all data to the admin panel. You must have to login as admin to see those data. As an admin you can delete those data and send email to that client.

Add to Cart

You can click add to cart button and it will go to cart. Inside cart page you can change quantity and delete products. You can see price changes.