Grocery Delivery Application

Enrollment No. : EBEON1222703312

Batch Code	Enrollment No	First Name	Second Name
8705	EBEON1222703312	Aditya	Jadhav
8705	EBEON1222703329	Kshitij	More
8705	EBEON1222703373	Mayuri	Kadam
8705	EBEON1222703286	Shubham	Sukale
8705	EBEON1222703317	Sakshee	Kirdat

Guided by

Varadharajan sir

Grocery Delivery Application

- Login Module

- Admin Module

- Home Page

- Add to cart/ Order module

- View Products module

- Payment module

- About us, Contact us

Grocery Delivery Application

1)Offers Module:
   a) Products selling price/Offer price
   b) Select products
   c) Add to cart
   d) Buy Now

2)Advertisement Module:

   a)Slideshow model

   b)View Products

3)Customer service module

   a) Contact us

Module 1

1) Offers Module:

    a) Products selling price/Offer price

    b) Select products

    c) Add to cart

    d) Buy Now

Module 2

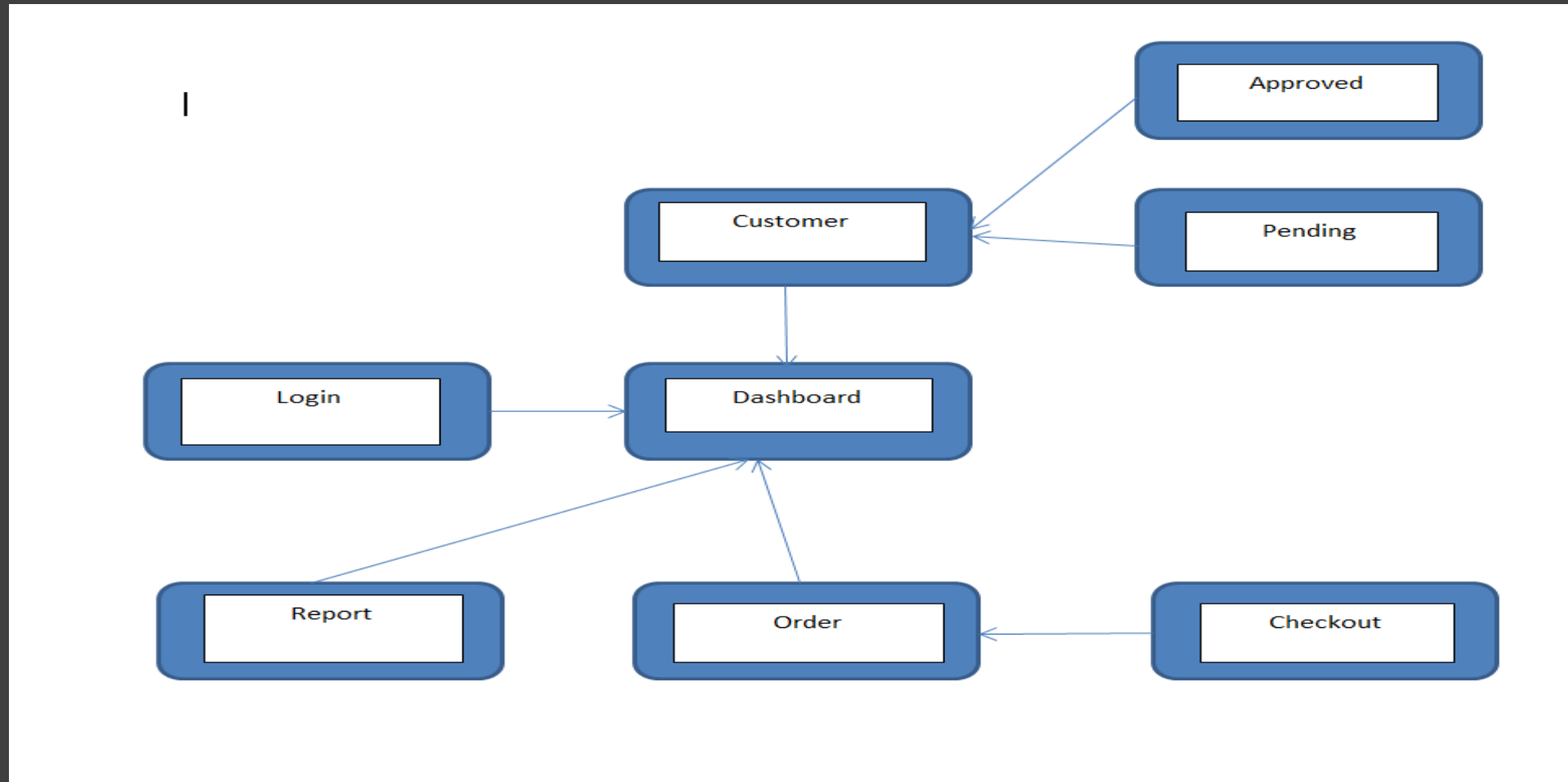2)Advertisement Module:
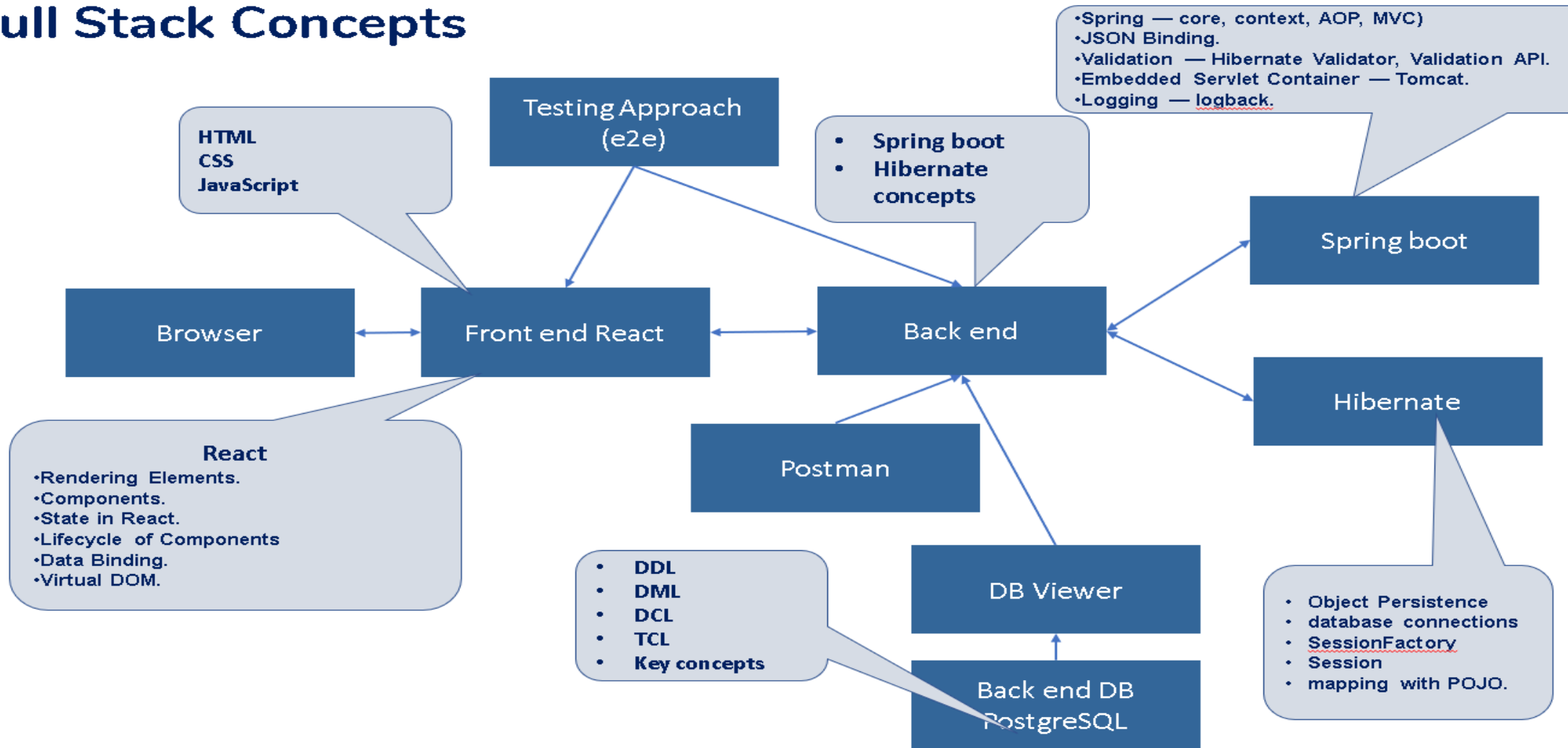
    a)Slideshow model

    b)View Products

Module 3

- 3)Customer service module
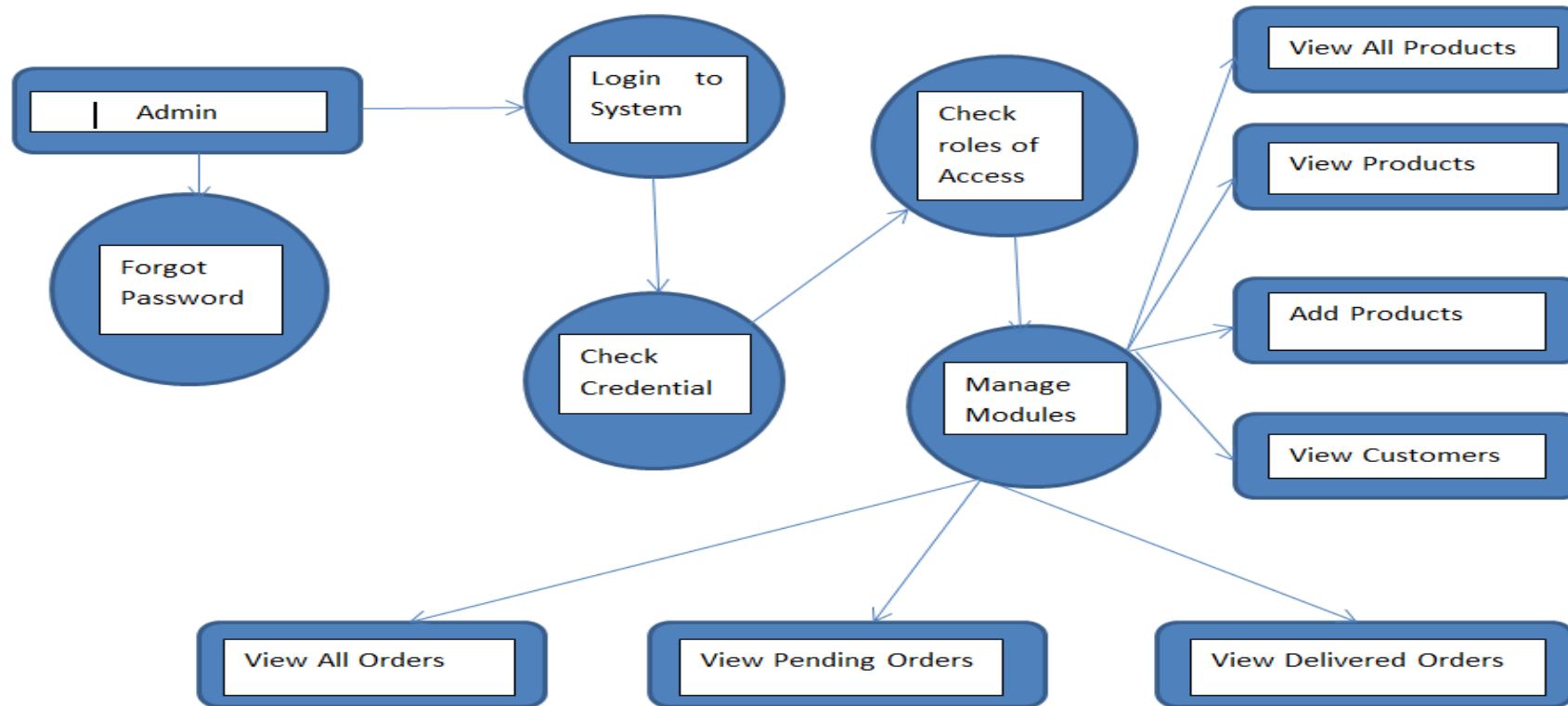
  a) Contact us

Project overview

Tech architecture

Full Stack Concepts

Testing Approach (e2e)

HTML
CSS
JavaScript

- Spring boot
- Hibernate concepts

- Spring — core, context, AOP, MVC)
- JSON Binding.
- Validation — Hibernate Validator, Validation API.
- Embedded Servlet Container — Tomcat.
- Logging — logback.

Browser

Front end React

Back end

Spring boot

Hibernate

React
- Rendering Elements.
- Components.
- State in React.
- Lifecycle of Components
- Data Binding.
- Virtual DOM.

Postman

- DDL
- DML
- DCL
- TCL
- Key concepts

DB Viewer

Back end DB
PostgreSQL

- Object Persistence
- database connections
- SessionFactory
- Session
- mapping with POJO.

Dataflow diagram

Challenging issues

- 1) While running project port no. problem
- 2) wrong dependencies added
- 3) Changes made in code are not reflected into live project

Testing

Testing Module	Expected Result	Pass/Fail
1)Login	User Access System using valid id and valid password	pass
2)Add new Products	Able to add new products	Pass
3)Change status of order(Delivered or not)	Able to change the status	pass
4)Remove users	Able to remove users	pass
5)Change Password	Able to change password	pass

Future enhancement

- Integration with virtual assistants: Integrate the website with virtual assistants like Google Assistant or Amazon Alexa, enabling customers to easily place orders through voice commands.

- Smart recommendations: Utilizing data analytics and machine learning techniques to suggest products based on customer's buying history, browsing history and preferences

- Live customer support: Offering live chat support and personalized customer service to ensure customer satisfaction and resolve any issues that may arise.

Conclusion

- Online grocery delivery websites are becoming increasingly popular due to their convenience and time-saving features.

- This project is made in such a way that it is easy to use/ handle for new users

- Person with little technical knowledge can also use/ interact with this project