CERTIFICATE

Jan Seva Sangh's

Shri Ram College Of Commerce

(Affiliated to the University Of Mumbai)

NAAC ACCREDITED 'B' GRADE (FIRST CYCLE)

University of Mumbai

CLASS:TYBSC-IT **SUBJECT:SPM** **SEAT NO/ROLL NO:07**

This is to certify that the work entered in this journal is the work of

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Who has worked for the practical examination of software Project Management

Year B.S.C (IT/CS) semester V of the year 2023-2024 in the college.

Internal Signature **External Signature**

Date:

College Stamp **Principal**

1. EXISTING SYSTEM :

The existing system of the "B:Shoe" project lays the foundation for a comprehensive and user-friendly shoe website. At its core, the website incorporates HTML, CSS, JavaScript, and PHP to create a seamless and visually appealing user interface. HTML is utilized for structuring the content of the pages, ensuring a well-organized presentation of information. CSS plays a crucial role in styling elements, providing a cohesive and aesthetically pleasing design that enhances the overall user experience.

JavaScript is employed to add interactivity and dynamic features to the website. This includes functionalities such as image sliders, interactive product displays, and form validation to ensure a smooth and engaging user journey. The integration of PHP on the server side enables the website to interact with a backend database, allowing for the storage and retrieval of essential data. This is particularly important for managing product information, user details, and order processing.

The user interface of "B:Shoe" is designed with a focus on simplicity and intuitiveness, allowing users to easily navigate through the website, browse products, and make purchases. The existing system incorporates responsive design principles, ensuring a consistent and accessible experience across various devices, including desktops, tablets, and smartphones.

Furthermore, the existing system includes features such as user authentication, enabling customers to create accounts, track orders, and manage their profiles. The product pages showcase detailed information about each shoe, including images, specifications, and pricing. A secure and efficient checkout process is implemented, integrating with payment gateways to facilitate seamless transactions.

In summary, the existing system of the "B:Shoe" project is a well-rounded combination of frontend and backend technologies, providing a solid foundation for an engaging and functional online shoe store.

2. PROPOSED SYSTEM :

The proposed system for the "B:Shoe" project aims to enhance and expand upon the existing features, offering an even more robust and user-centric experience. Building upon the HTML, CSS, JavaScript, and PHP foundation, several key additions and improvements are suggested to elevate the functionality and aesthetics of the shoe website.

One significant aspect of the proposed system involves the implementation of advanced search and filtering options. Users will be able to refine their product searches based on various criteria such as shoe size, color, brand, and style. This feature not only streamlines the shopping experience but also empowers users to find the perfect pair of shoes more efficiently.

To foster a sense of community and engagement, a user review and rating system will be integrated. Customers can share their experiences, provide feedback on products, and rate their purchases. This not only adds a social element to the platform but also helps potential buyers make informed decisions.

In terms of design, the proposed system emphasizes a modern and visually appealing layout. Interactive elements such as 3D product views and virtual try-on features may be introduced to provide users with a more immersive and personalized shopping experience. Additionally, the website's responsiveness will be further optimized to ensure a seamless transition between different devices, ensuring a consistent and enjoyable experience for users regardless of their chosen device.

Security measures will also be fortified in the proposed system, with the implementation of additional encryption protocols and secure payment gateways to safeguard user data and financial transactions. This is crucial for building trust among users and ensuring the protection of sensitive information.

In summary, the proposed system for "B:Shoe" envisions an enriched user experience through advanced search capabilities, interactive features, enhanced design aesthetics, and heightened security measures. These additions collectively contribute to a more dynamic and user-friendly online shoe shopping platform.

3. THE SCOPE OF THE PROJECT:

The scope of the "B:Shoe" project encompasses a comprehensive and user-focused online shoe shopping experience, blending both frontend and backend technologies to create a seamless platform. The project aims to provide users with a diverse array of features and functionalities that enhance their interaction with the website.

On the frontend, the project includes an intuitive and visually appealing user interface designed with a user-centric approach. The website's layout will prioritize simplicity and ease of navigation, allowing users to effortlessly browse through various shoe categories, explore product details, and initiate purchases. Responsive design principles will be implemented to ensure a consistent and enjoyable experience across different devices.

The scope extends to the incorporation of advanced search and filtering options, enabling users to refine their product searches based on specific criteria such as size, color, brand, and style. This feature enhances the efficiency of the shopping process and empowers users to find the perfect pair of shoes that align with their preferences.

The project also involves the integration of interactive elements to elevate user engagement. Features like 3D product views and virtual try-on experiences will be explored to provide users with a more immersive and personalized way to interact with the products. Additionally, a user review and rating system will be implemented to foster a sense of community and allow customers to share their insights, contributing to a more informed and collaborative shopping environment.

On the backend, the scope encompasses secure data management and processing. A robust database system will be implemented using PHP to store and retrieve product information, user details, and order records. Security measures, including encryption protocols and secure payment gateways, will be prioritized to protect user data and facilitate safe online transactions.

4. FEASIBILITY STUDY :

Feasibility Study in Software Engineering is a study to evaluate feasibility of proposed project or system. Feasibility study is one of stage among important four stages of Software Project Management Process. As name suggests feasibility study is the feasibility analysis or it is a measure of the software product in terms of how much beneficial product development will be for the organization in a practical point of view. Feasibility study is carried out based on many purposes to analyze whether software product will be right in terms of development, implantation, contribution of project to the organization etc.

Types of Feasibility Study :
The feasibility study mainly concentrates on below five mentioned areas. Among these Economic Feasibility Study is most important part of the feasibility analysis and Legal Feasibility Study is less considered feasibility analysis.

1. **Technical Feasibility –**
   In Technical Feasibility current resources both hardware software along with required technology are analyzed/assessed to develop project. This technical feasibility study gives report whether there exists correct required resources and technologies which will be used for project development. Along with this, feasibility study also analyzes technical skills and capabilities of technical team, existing technology can be used or not, maintenance and up-gradation is easy or not for chosen technology etc.

2. **Operational Feasibility –**
   In Operational Feasibility degree of providing service to requirements is analyzed along with how much easy product will be to operate and maintenance after deployment. Along with this other operational scopes are determining usability of product, Determining suggested solution by software development team is acceptable or not etc.

3. **Economic Feasibility –**
   In Economic Feasibility study cost and benefit of the project is analyzed. Means under this feasibility study a detail analysis is carried out what will be cost of the project for development which includes all required cost for final development like hardware and software resource required, design and development cost and operational cost and so on. After that it is analyzed whether project will be beneficial in terms of finance for organization or not.

4. **Legal Feasibility –**
   In Legal Feasibility study project is analyzed in legality point of view. This includes analyzing barriers of legal implementation of project, data protection acts or social media laws, project certificate, license, copyright etc. Overall it can be said that Legal Feasibility Study is study to know if proposed project conform legal and ethical requirements.

5. **Schedule Feasibility –**
   In Schedule Feasibility Study mainly timelines/deadlines is analyzed for proposed project which includes how many times teams will take to complete final project which has a great impact on the organization as purpose of project may fail if it can't be completed on time.

Aim of feasibility study :

- the overall objective of the organization are covered and contributed by the system or not.
- the implementation of the system be done using current technology or not.
- can the system be integrated with the other system which are already exist

Feasibility Study Process :

The below steps are carried out during entire feasibility analysis.

1. Information assessment
2. Information collection
3. Report writing
4. General information

Need of Feasibility Study :

Feasibility study is so important stage of Software management Process as after completion of feasibility study it gives a conclusion of whether to go ahead with proposed project as it is practically feasible or to stop proposed project here as it is not right/feasible to develop or to think / analyse about proposed project again.

Along with this Feasibility study helps in identifying risk factors involved in developing and deploying system and planning for risk analysis also narrows the business alternatives and enhance success rate analysing different parameters associated with proposed project development.

5. TECHNOLOGY REQUIRED:

The "Growing" project necessitates a strategic selection of technologies to develop a robust and user-friendly online marketplace connecting farmers and consumers. The chosen technologies include HTML, CSS, JavaScript, and PHP, each playing a distinct role in achieving the project's objectives.

HTML (Hypertext Markup Language):
HTML serves as the foundational language for creating the structure and layout of web pages. In the context of the "Growing" project, HTML will be essential for designing the user interface, structuring product listings.

CSS (Cascading Style Sheets):
CSS complements HTML by enabling the customization and styling of the web pages. It is instrumental in enhancing the visual appeal of the platform, ensuring a consistent and aesthetically pleasing user experience

JavaScript:
JavaScript adds dynamic functionality to the project, enhancing user interactions and overall responsiveness. Through JavaScript, features such as real-time updates, interactive forms, and smooth transitions can be implemented.

PHP (Hypertext Preprocessor)
PHP is a server-side scripting language that facilitates the processing of data and the execution of dynamic server-side functions. In the "Growing" project, PHP will be used for backend development, handling user authentication, managing product databases, and facilitating secure transactions.

By combining HTML, CSS, JavaScript, and PHP, the "Growing" project can create a technologically advanced and user-centric platform. This tech stack enables the seamless integration of front-end and back-end functionalities transparent manner.

6. DATABASE TABLES :

- Admin Table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	**adminid** 🔑	int(11)			No	*None*		AUTO_INCREMENT
2	**username**	varchar(20)	latin1_swedish_ci		No	*None*		
3	**password**	varchar(20)	latin1_swedish_ci		No	*None*		

- **Product Table**

#	Name	Type	Collation	Attributes	Null	Default
1	**product_id** 🔑	int(11)			No	*None*
2	**product_name**	varchar(50)	latin1_swedish_ci		No	*None*
3	**product_price**	varchar(50)	latin1_swedish_ci		No	*None*
4	**product_size**	varchar(50)	latin1_swedish_ci		No	*None*
5	**product_image**	varchar(500)	latin1_swedish_ci		No	*None*
6	**brand**	varchar(100)	latin1_swedish_ci		No	*None*
7	**category**	varchar(50)	latin1_swedish_ci		No	*None*

- **Stock Table**

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	**stock_id**	int(11)			No	*None*		AUTO_INCREMENT
2	**product_id**	int(11)			No	*None*		
3	**qty**	int(11)			No	*None*		

- **Customer Table**

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	**customerid**	int(11)			No	*None*		AUTO_INCREMENT
2	**firstname**	varchar(50)	latin1_swedish_ci		No	*None*		
3	**mi**	varchar(1)	latin1_swedish_ci		No	*None*		
4	**lastname**	varchar(50)	latin1_swedish_ci		No	*None*		
5	**address**	varchar(100)	latin1_swedish_ci		No	*None*		
6	**country**	varchar(50)	latin1_swedish_ci		No	*None*		
7	**zipcode**	varchar(20)	latin1_swedish_ci		No	*None*		
8	**mobile**	varchar(20)	latin1_swedish_ci		No	*None*		
9	**telephone**	varchar(20)	latin1_swedish_ci		No	*None*		
10	**email**	varchar(50)	latin1_swedish_ci		No	*None*		
11	**password**	varchar(50)	latin1_swedish_ci		No	*None*		

- **Transaction Table**

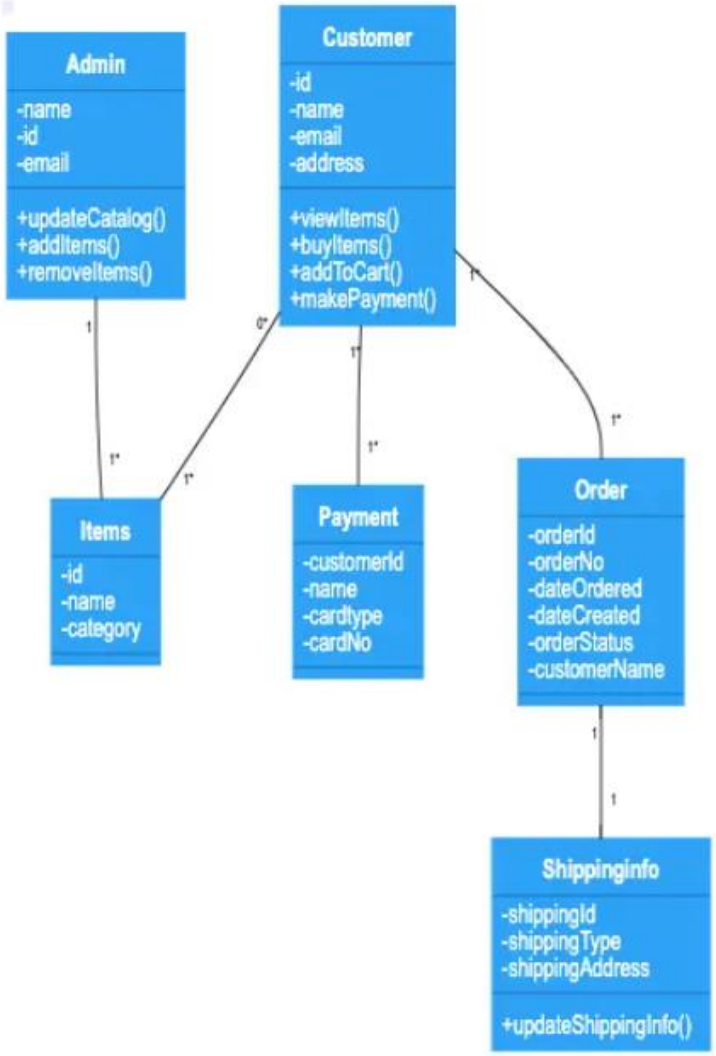
#	Name	Type	Collation	Attributes	Null	Default
1	**transaction_id**	int(11)			No	*None*
2	**customerid**	int(11)			No	*None*
3	**amount**	int(11)			No	*None*
4	**order_stat**	varchar(100)	latin1_swedish_ci		No	*None*
5	**order_date**	varchar(50)	latin1_swedish_ci		No	*None*

- **Contact Table**

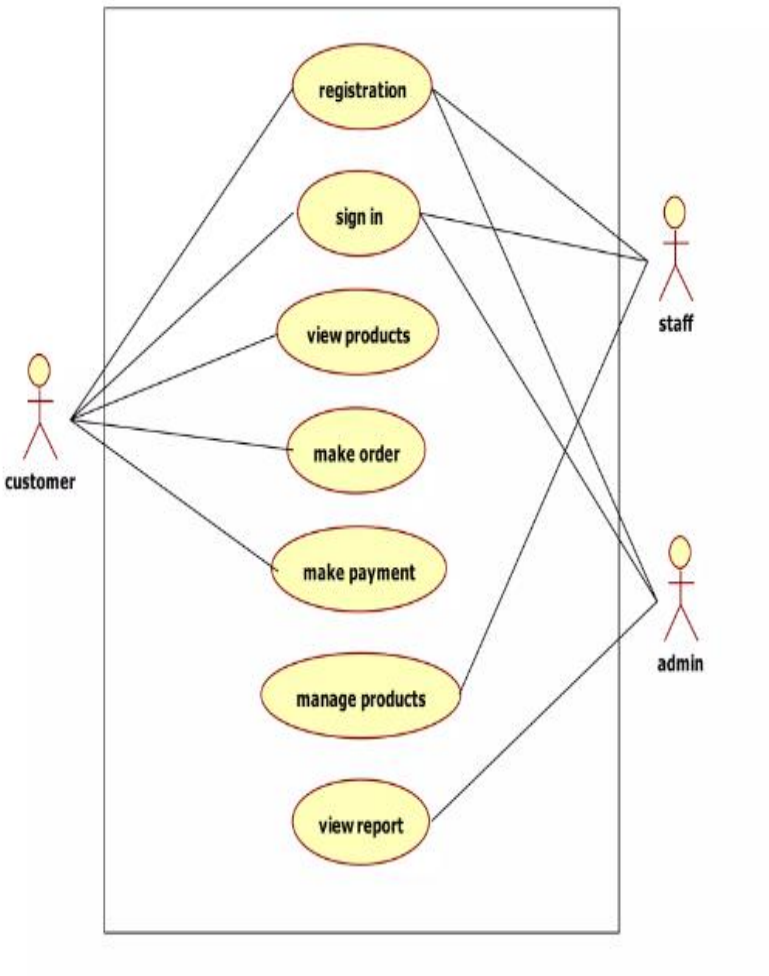
#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	**contact_id**	int(11)			No	*None*		AUTO_INCREMENT
2	**email**	varchar(50)	latin1_swedish_ci		No	*None*		
3	**message**	varchar(1000)	latin1_swedish_ci		No	*None*		

7. UML DIAGRAM

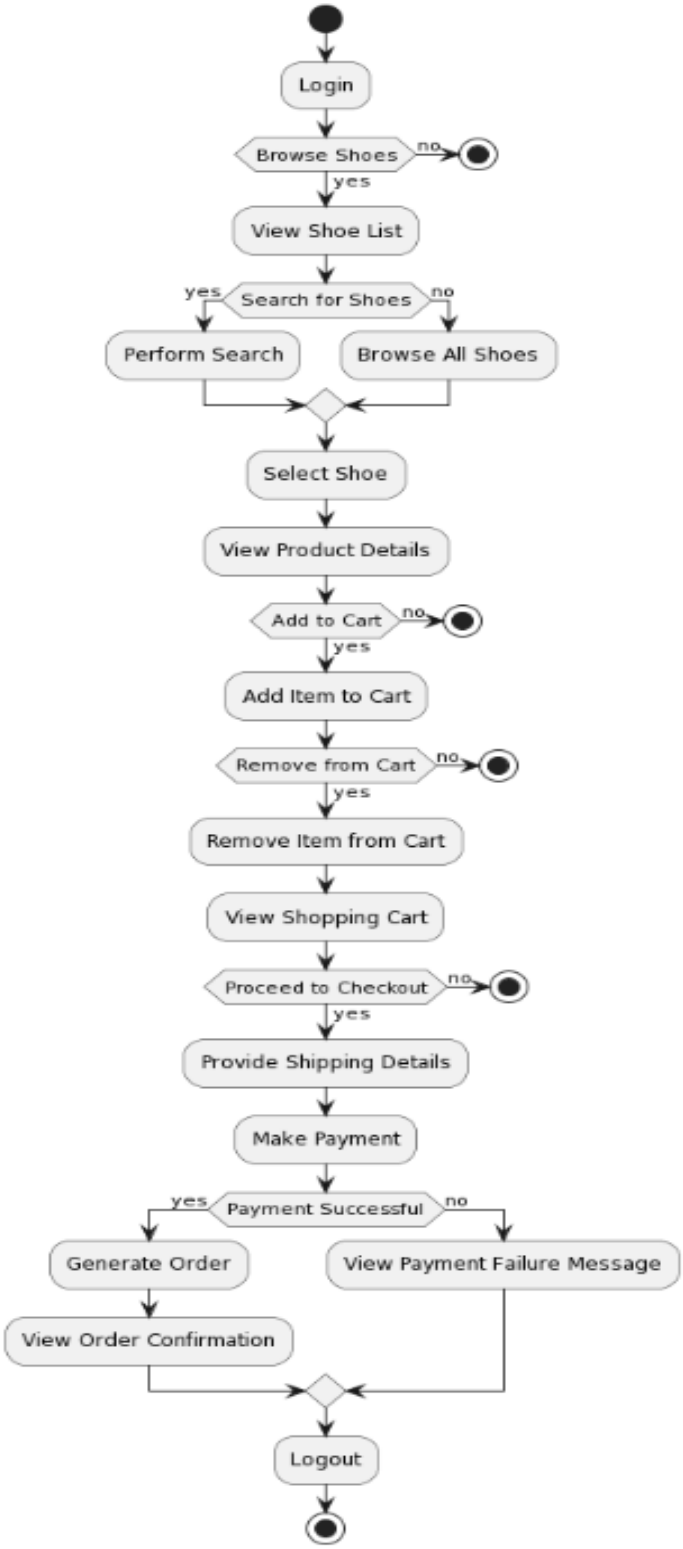
- **CLASS DIAGRAM**



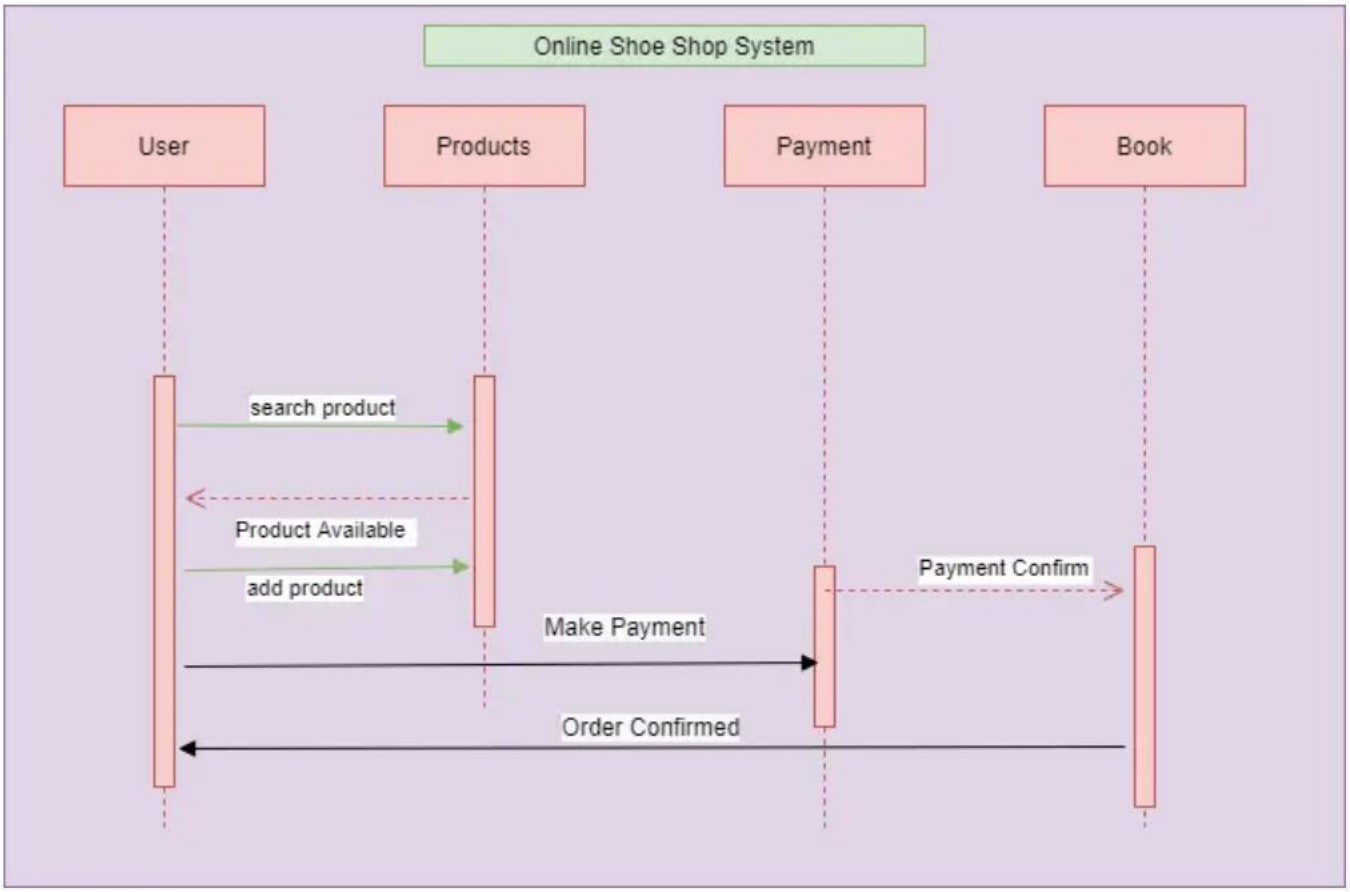
- **USE CASE DIAGRAM**



- **ACTIVITY DIAGRAM**



- **SEQUANCE DIAGRAM**



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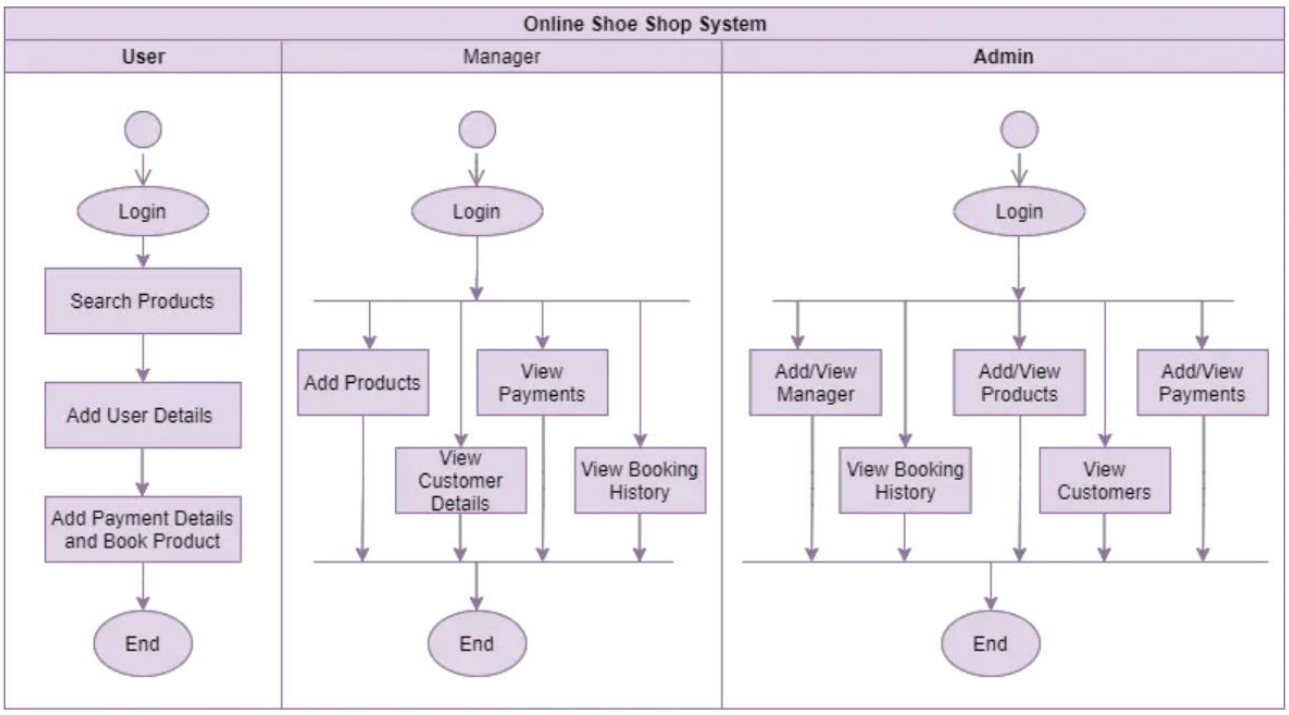
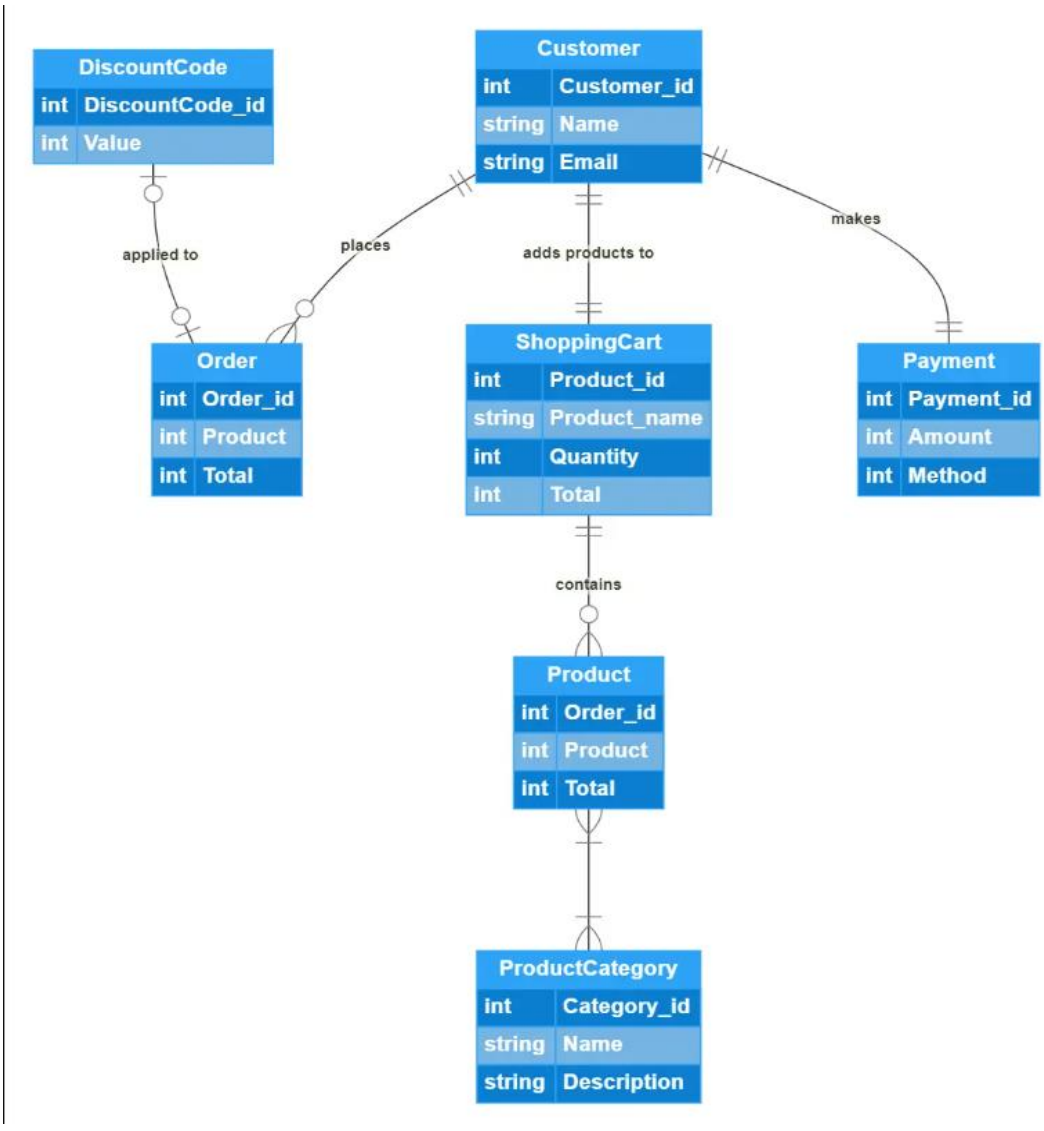
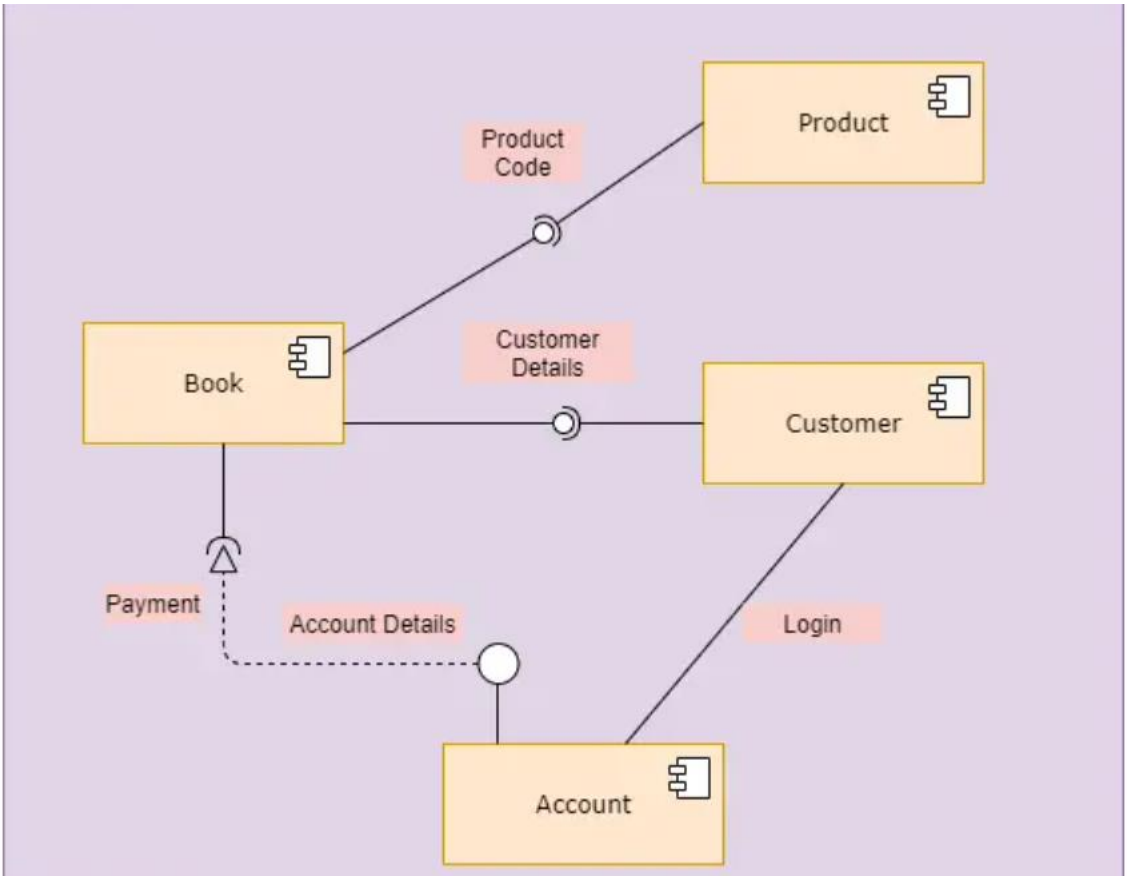

Online Shoe Shop System
User
Manager
Admin
Login
Search Products
Add User Details
Add Payment Details and Book Product
End
Login
Add Products
View Payments
View Customer Details
View Booking History
End
Login
Add/View Manager
Add/View Products
Add/View Payments
View Booking History
View Customers
End

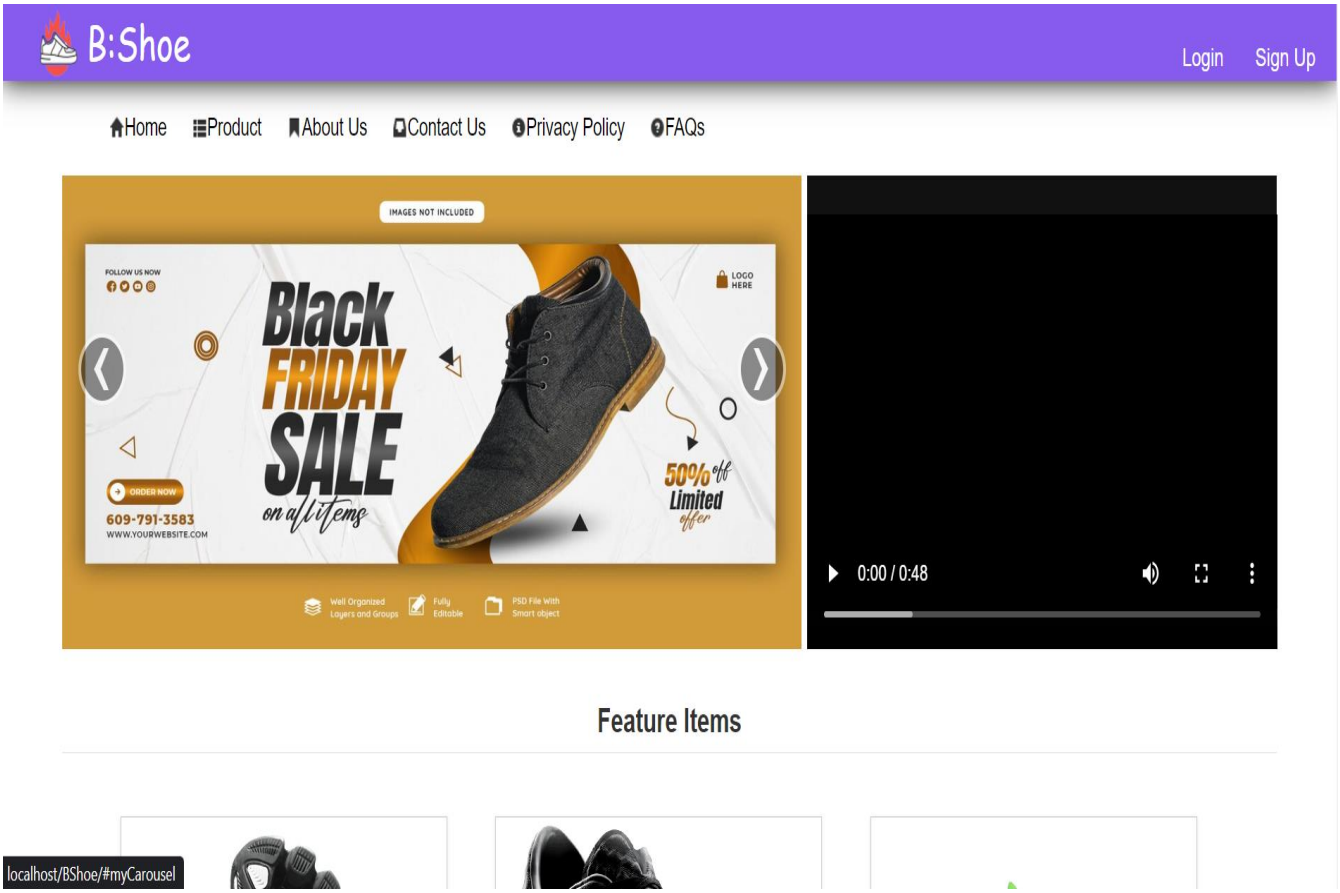
- **ENTITY RELATIONSHIP**

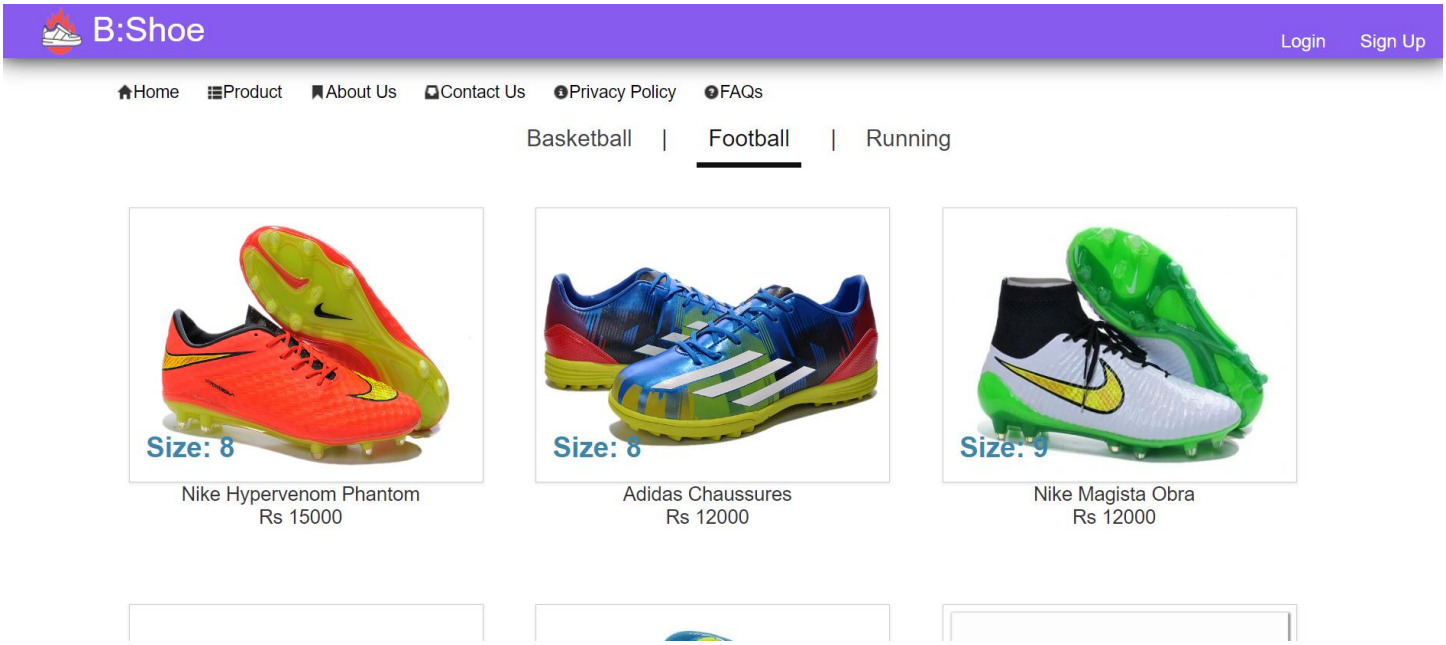


- **COMPONENT DIAGRAM**



8. SCREENSHOTS

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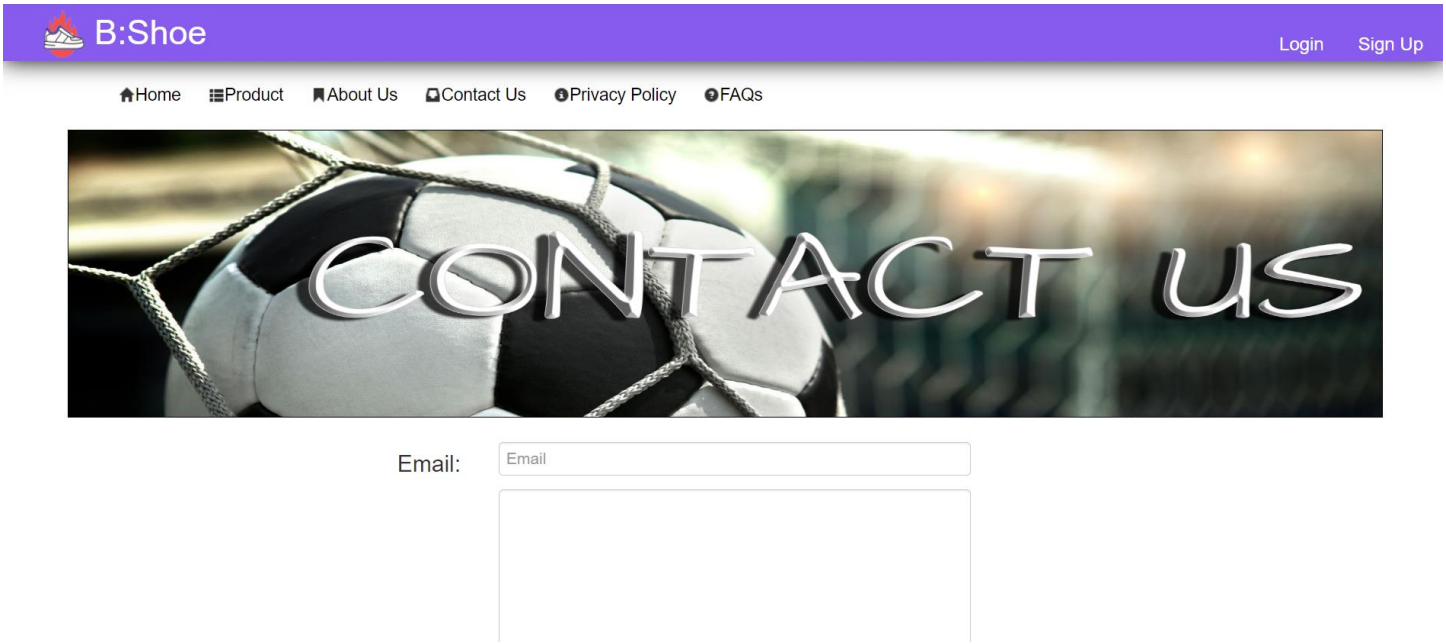
Size: 8
Adidas Chaussures
Rs 12000
Size: 9
Nike Magista Obra
Rs 12000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