

The background is a dark blue gradient with abstract white geometric patterns. On the left side, there are several concentric circles and a large circular scale with numerical markings from 140 to 260. Arrows and dashed lines are also visible, creating a technical or architectural feel.

SHOP FOR HOME

BY GROUP 13

TEAM MEMBERS:

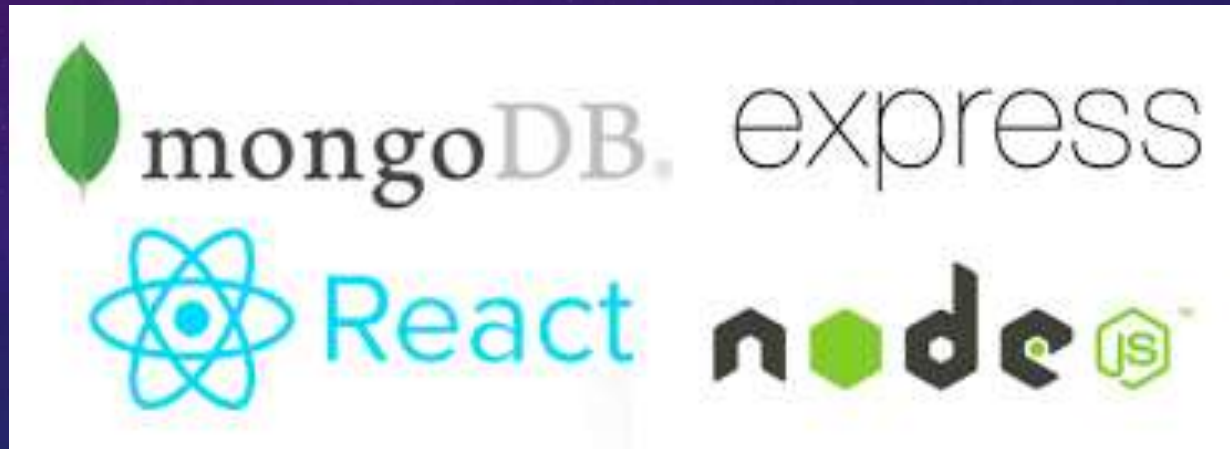
- SAI REDDY PULAPATHURI
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- SELVA VIGNESH S

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Software Requirements

- MERN Stack
- React as Frontend
- MongoDB is Database
- Express and Node as Backend



Technologies

- **Front-end:**
 - React is a **JavaScript** library created by **Facebook**
 - React is a **User Interface** (UI) library
 - React is a tool for building **UI components**

Technologies

- **Back-end:**
- Nodejs is a fast JavaScript runtime environment that we use to build server-side applications, but it does not know how to perform serving files, handling requests, and handling HTTP methods, so this is where express js comes in.
- Express JS is a Node.js framework designed to build API's web applications cross-platform mobile apps quickly and make node js easy.

Model Schema

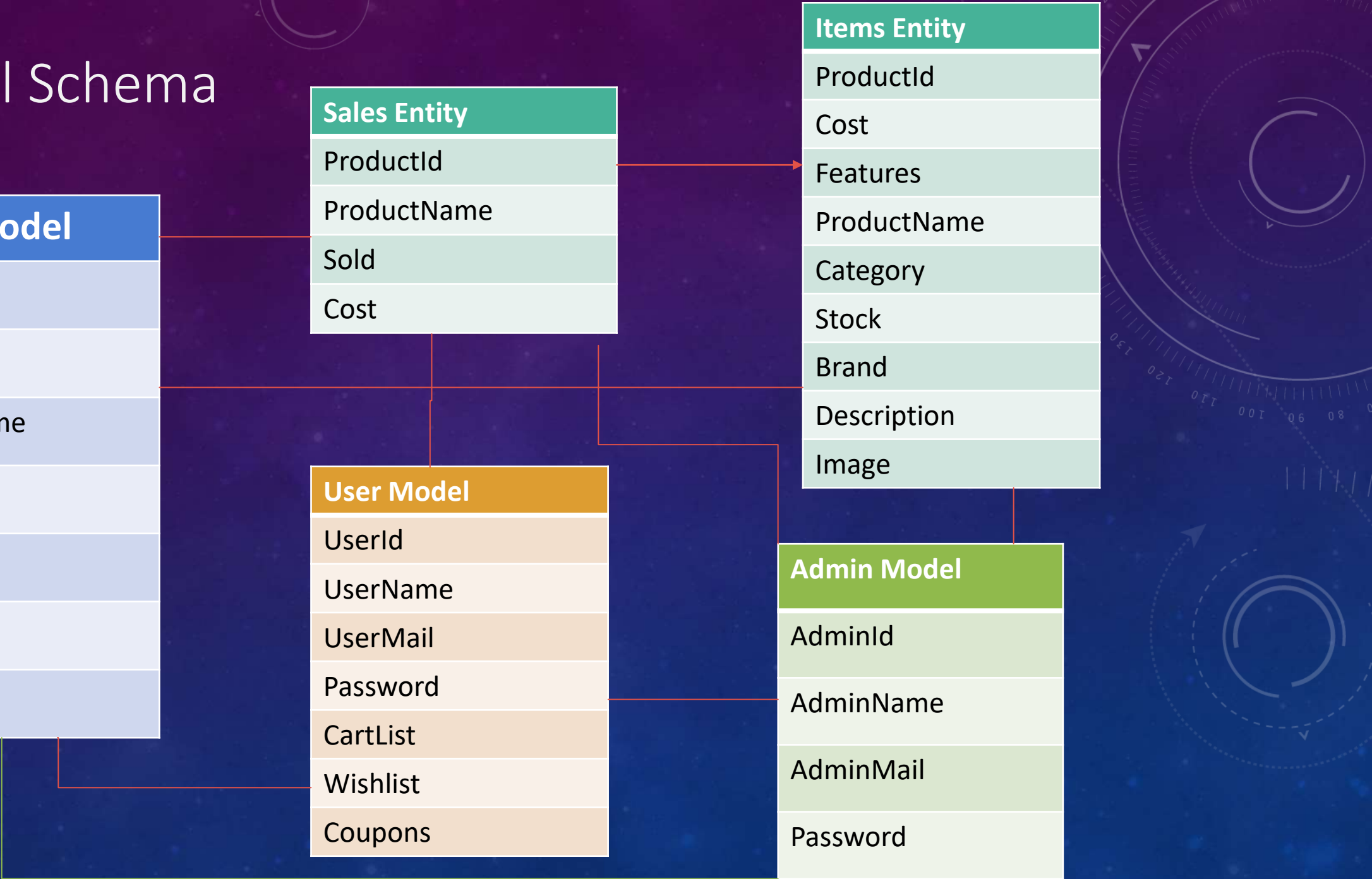
Order Model
ProductID
Const
ProductName
Quantity
UserId
UserName
Address

Sales Entity
ProductId
ProductName
Sold
Cost

User Model
UserId
UserName
UserMail
Password
CartList
Wishlist
Coupons

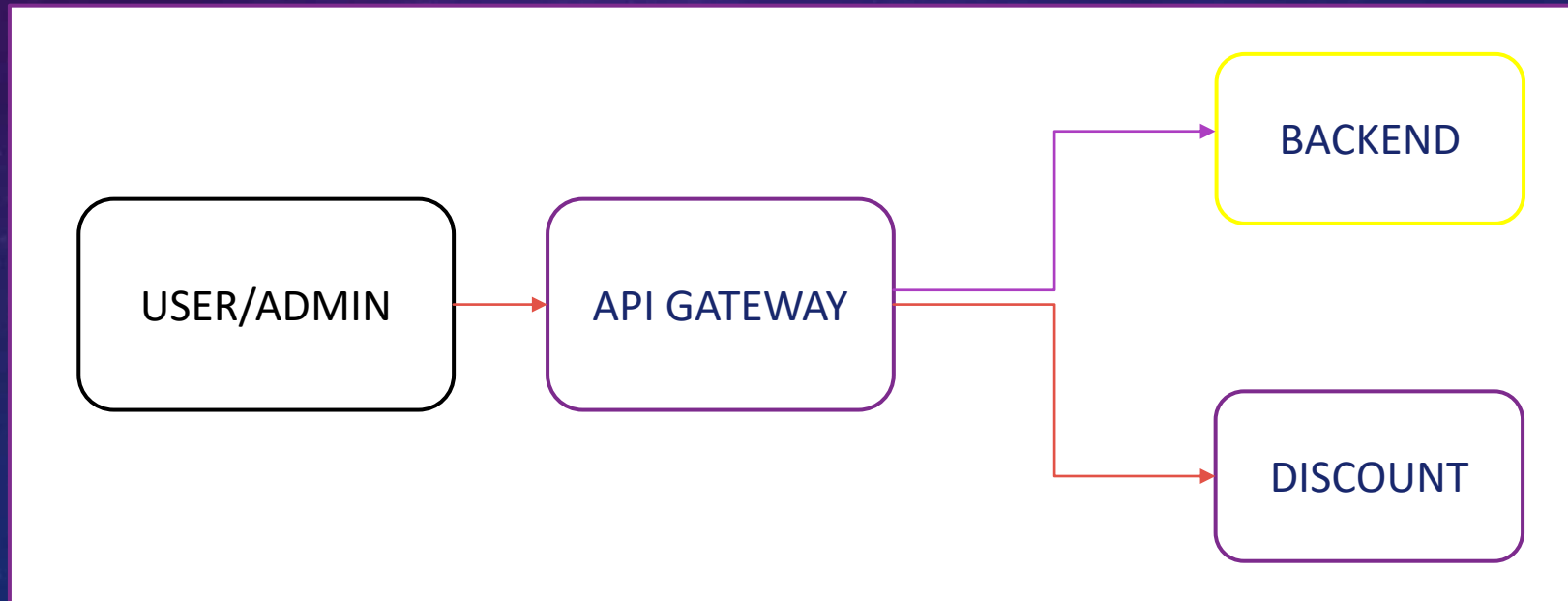
Items Entity
ProductId
Cost
Features
ProductName
Category
Stock
Brand
Description
Image

Admin Model
AdminId
AdminName
AdminMail
Password



Microservice Structure

- We have Implement microservice Architecture For Two of the Service Those are
 1. Discount
 2. Backend
- Trough Api Gateway Those are connecting to the End user/admin



Features

- There are 2 type of users
 - Admin
 - User

Features

➤ USER:

1. In the home page a user can see products and sort accordingly
2. A user can add products to cart and wishlist
3. A user can apply discount coupons if set by admin

Features

➤ ADMIN

1. Admin can set discount coupons to a specific user
2. Admin will get stock and order details
3. Admin can perform CRUD operations on users
4. Admin can perform CRUD operations on products
5. Admin can bulkupload a CSV file
6. Admin can view Sales Report
7. Admin can send mail if any stock is less than 10

Conclusion

- The Web based Online shopping system is developed with the help of different tools such as React , MongoDB, Node js , Express, and devOps and some agile method
- Being able to buy anytime anywhere, and widespread effects on economy and ecommerce.
- The developed system has met the objectives. Moreover, this system is user-friendly.
- The system is valuable and usable in the perspective of any user

Thank You!