SHOP FOR HOME

BY GROUP 13

TEAM MEMBERS:

- SAI REDDY PULAPATHURI
- RAM BABU YADAV
- DUMMU ROHIT
- NIRIKSHA A BIRADAR
- SELVA VIGNESH S

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Software Requirements

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

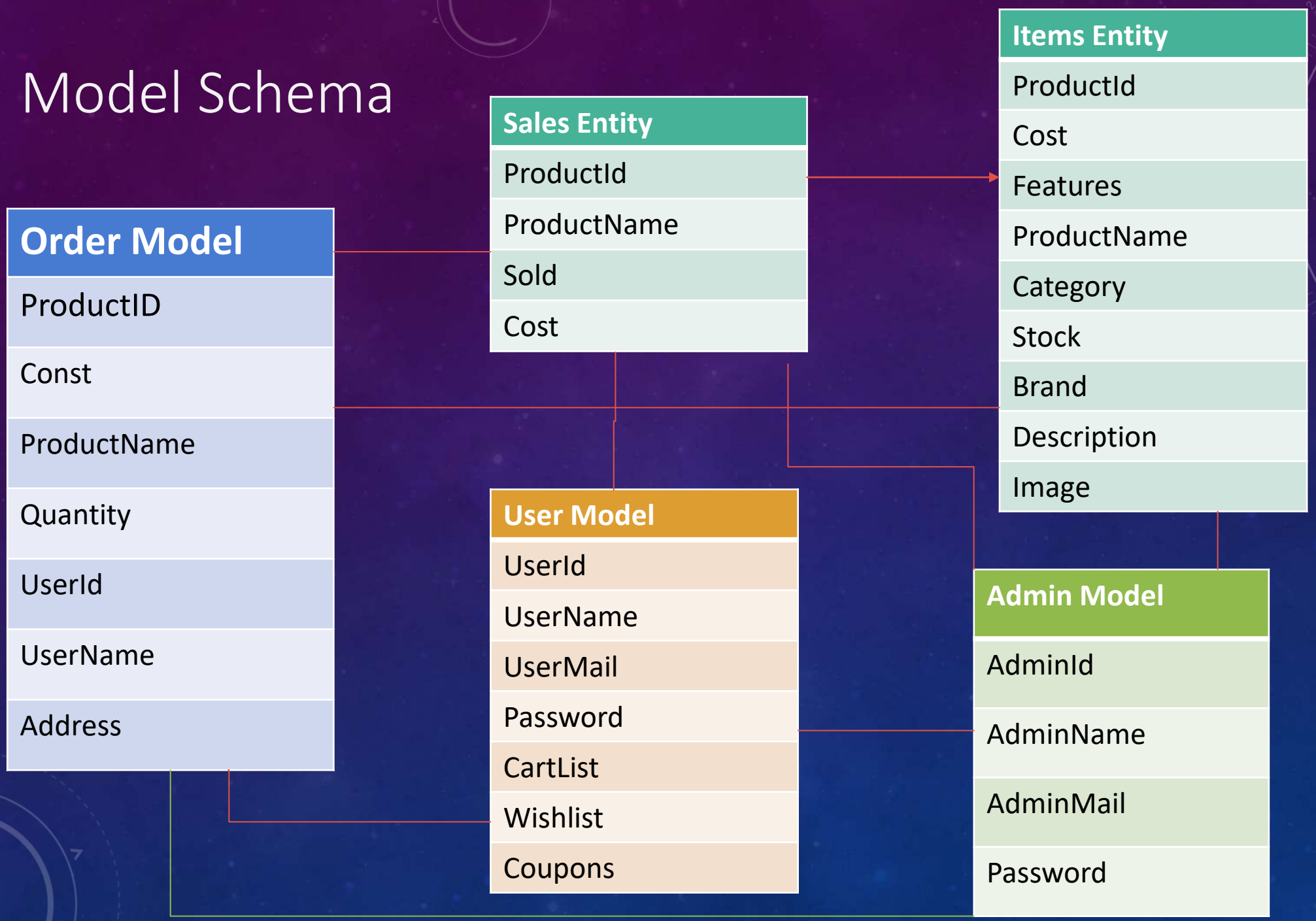
Technologies

- **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

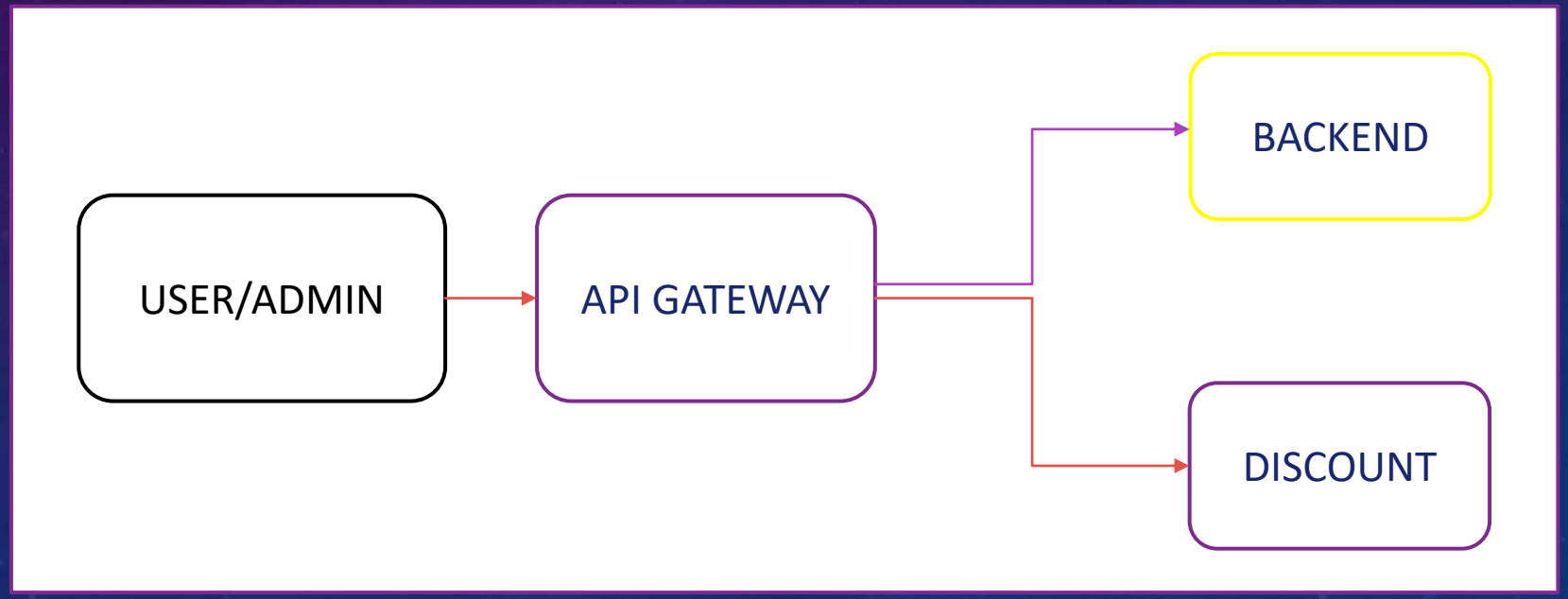


Microservice Structure

- 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!