ActivePay

One stop platform for paying your credit card bills

Contributors

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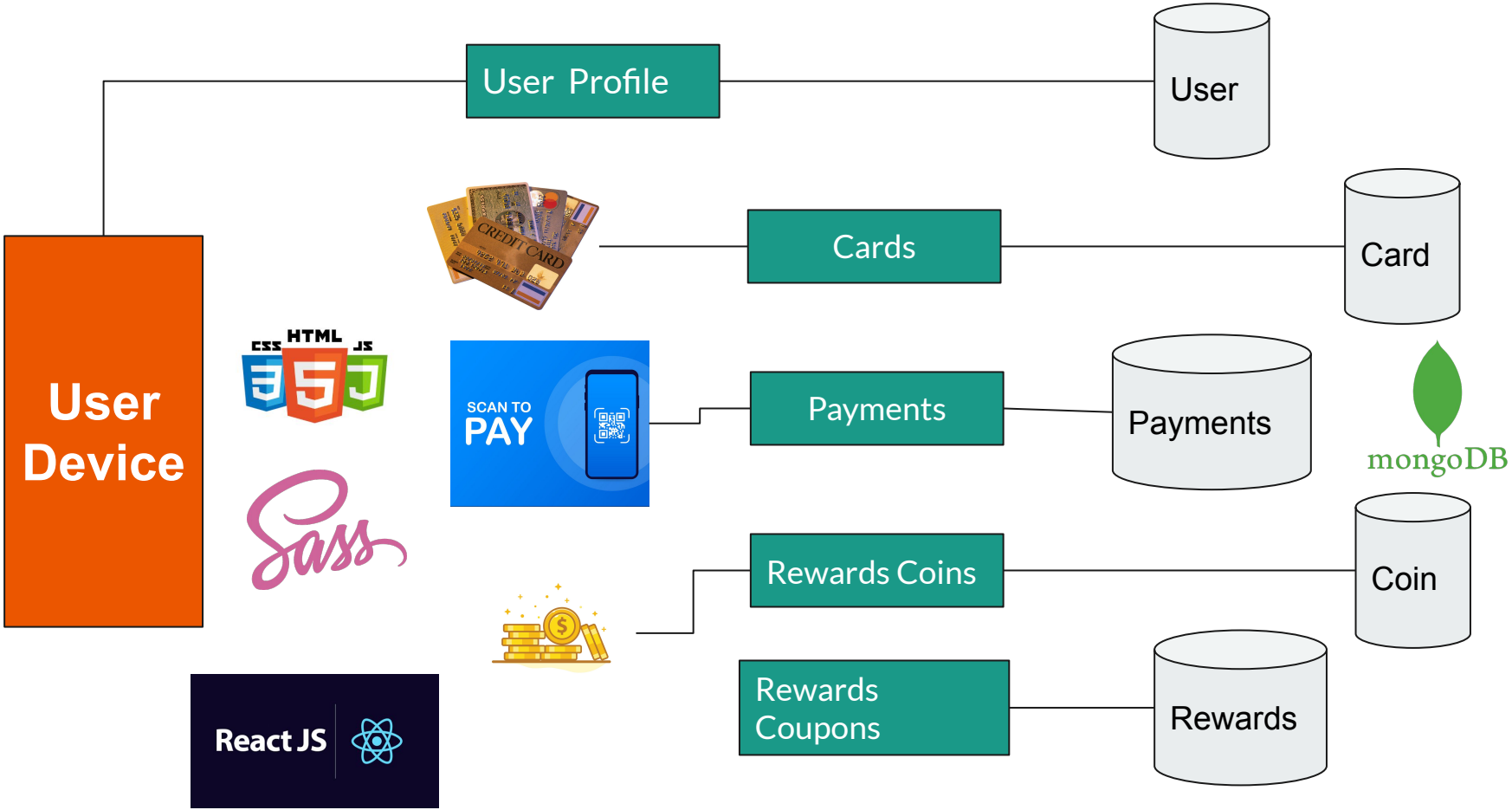
Purpose of Application

Active Pay is one-stop platform design using **ReactjS** for paying your credit card bills, providing them with exclusive offers and access to premium experiences.

This project also helps you to update your personal information , add cards and fetch Payment history using **MongoDb** database.


User Device
User Profile
User
Cards
Card
Payments
Payments
mongoDB
Rewards Coins
Coin
Rewards Coupons
Rewards
React JS
SCAN TO PAY
CREDIT CARD
HTML
CSS
JS
Sass

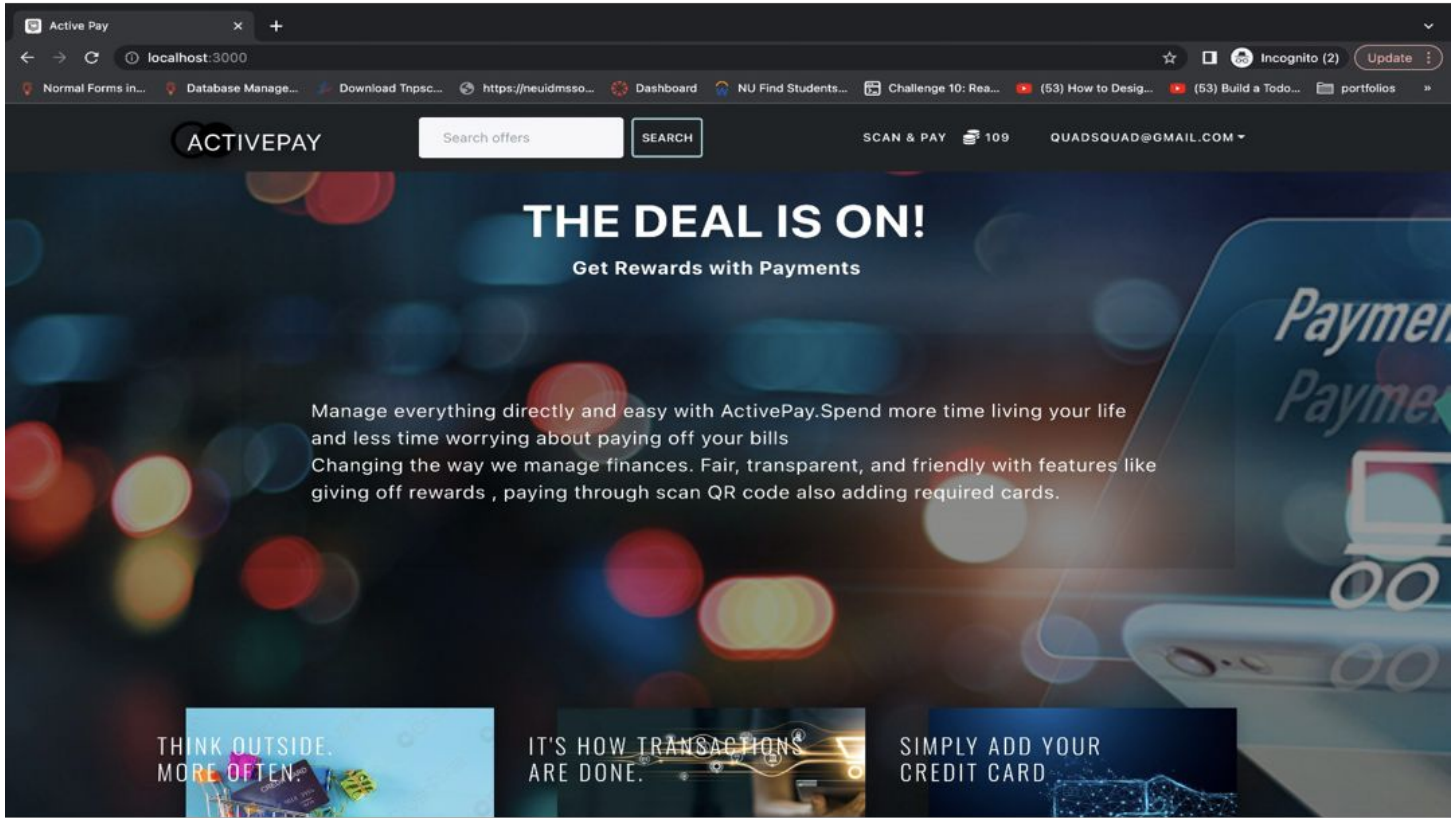
Tech Stack

- Axios
- Encryption is done using bcrypt
- ExpressJS
- JSON
- JSON Web Token - jsonwebtoken
- MongoDB
- Mongoose
- NodeJS
- ReactJS
- Redux
- React libraries: react-chartjs-2, react-bootstrap, react-qr-scanner
- Sass

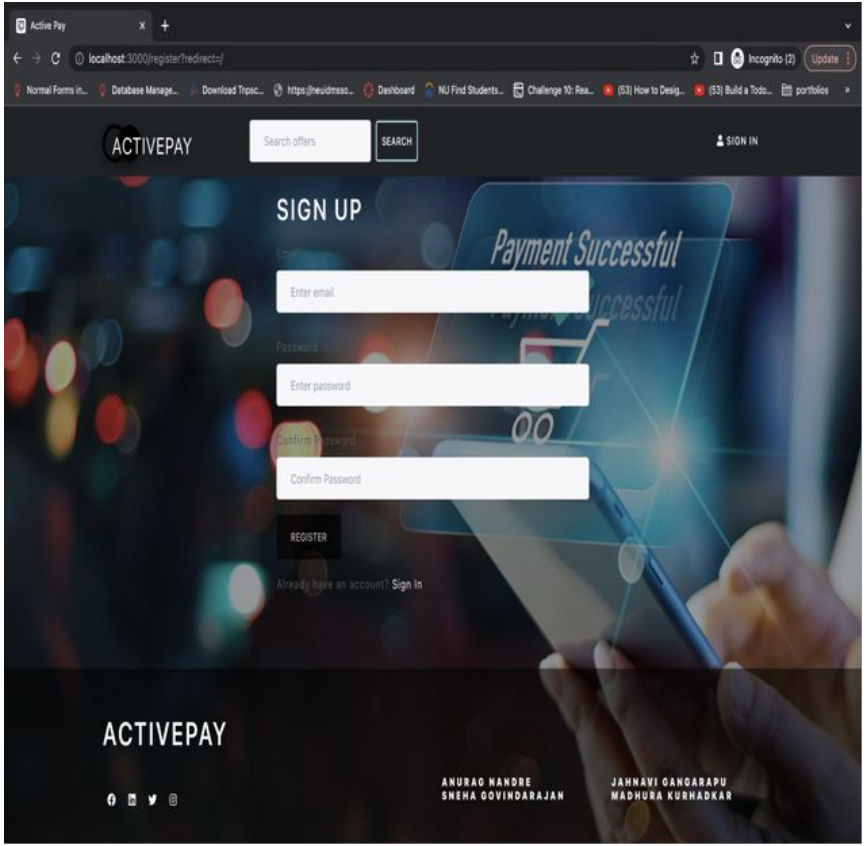
Features

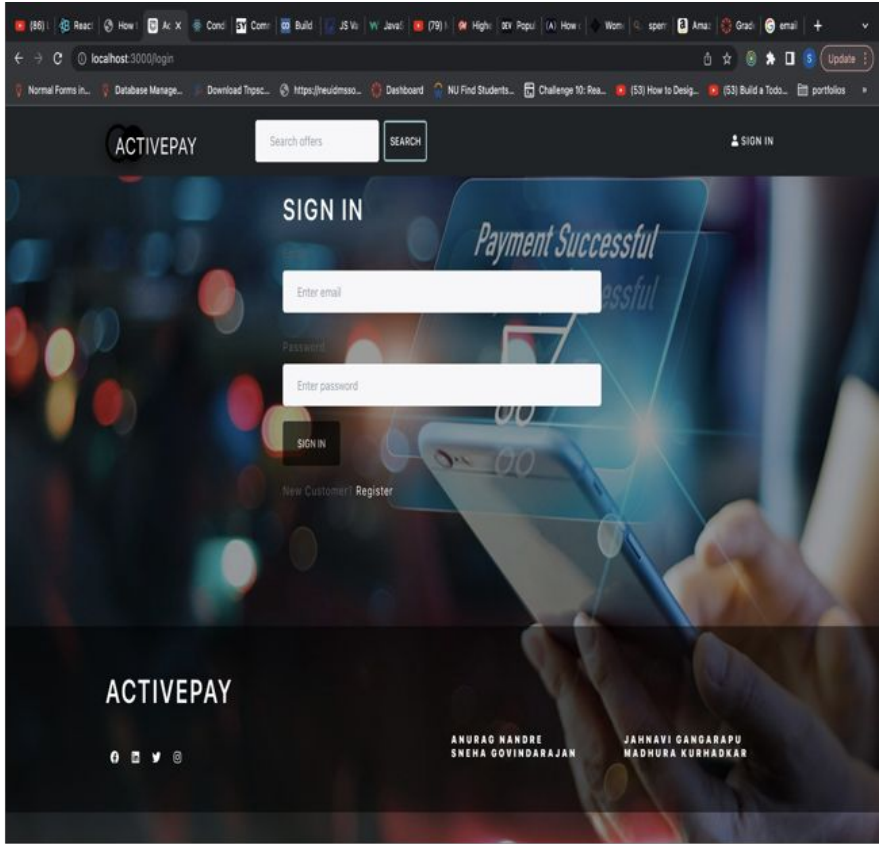
1. New user registration or Login
2. View and update user profile
3. View credit cards or delete a particular card
4. Scan QR and pay using your credit card
5. Earn coins on paying using ActivePay
6. Use coins to buy reward coupons of your choice
7. Pay credit card bill
8. Get transaction history and statement for every month
9. Spend Analysis of your account

SCREENSHOTS

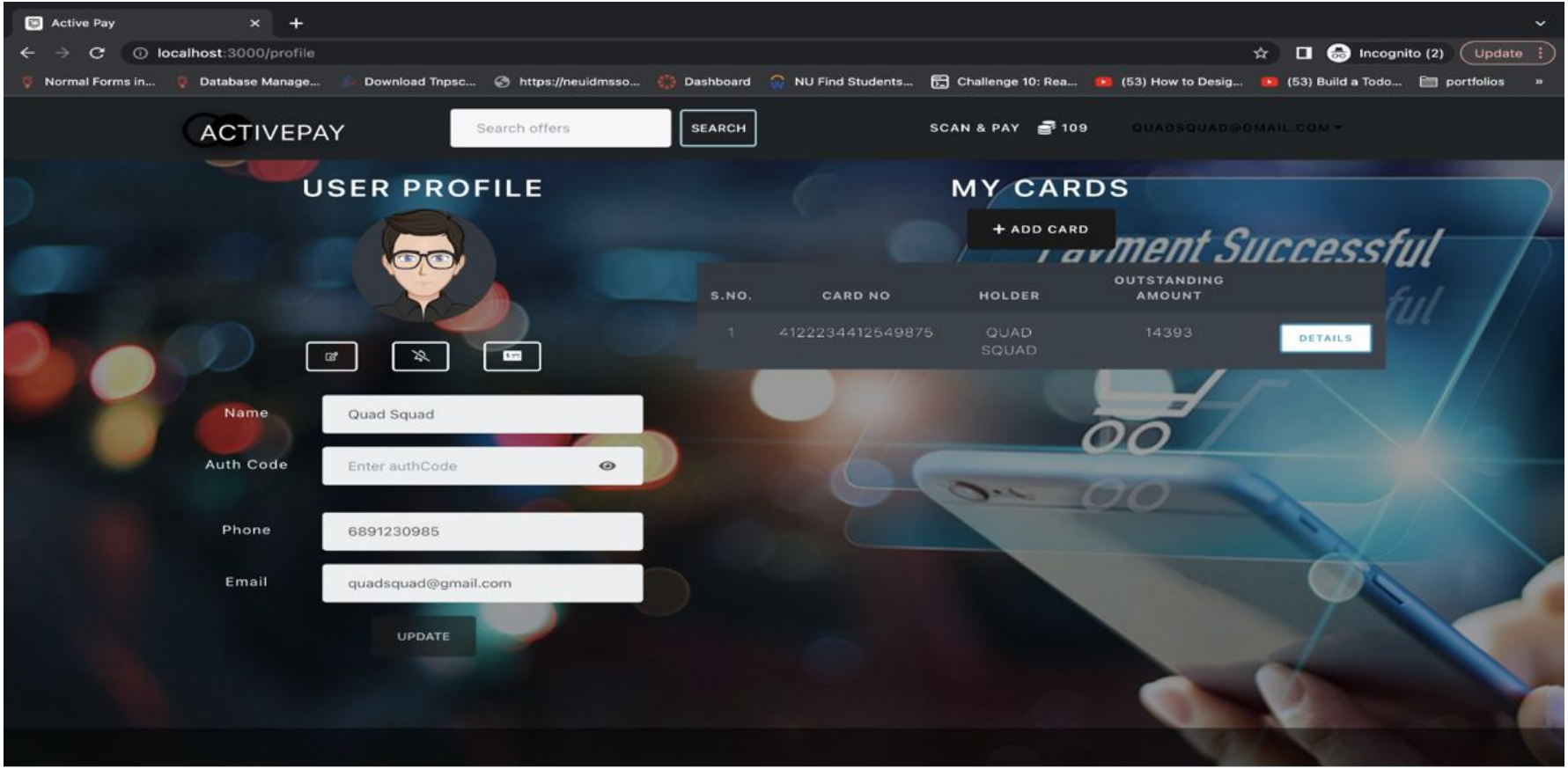


Main dashboard page : Has all the functionalities to click on!

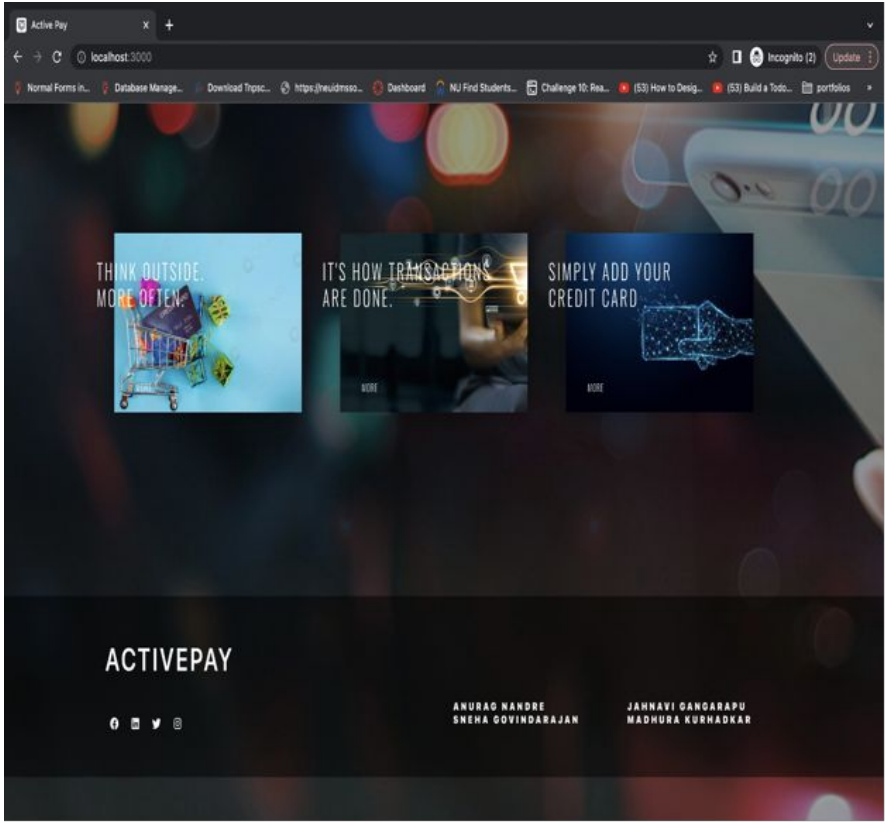




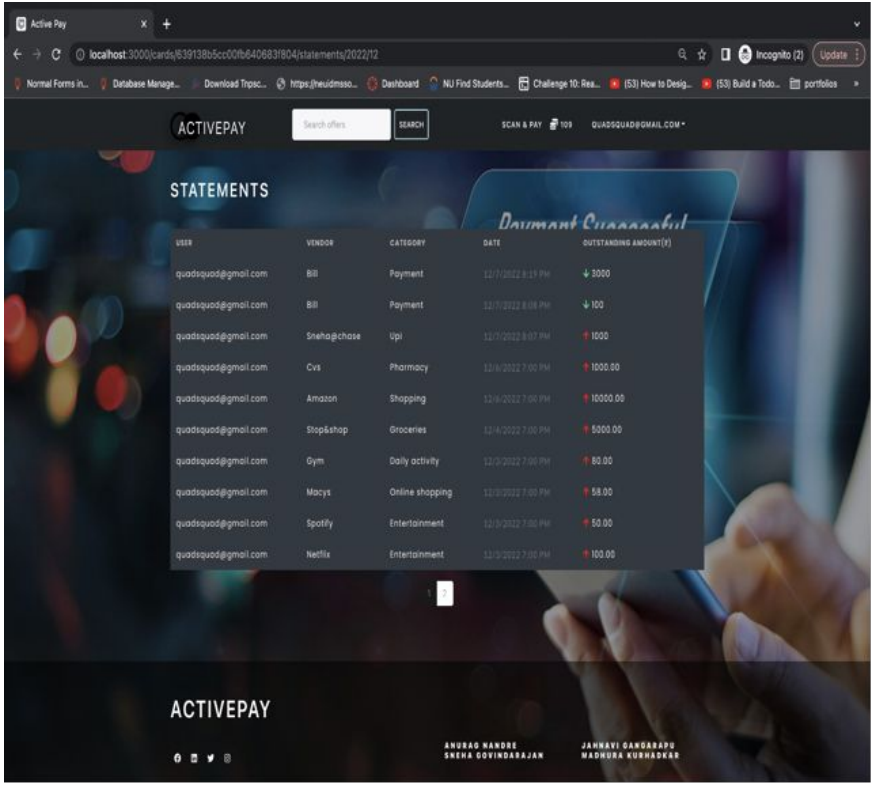
User Sign up page and User Register page : Used to create new user details and login later whenever required.

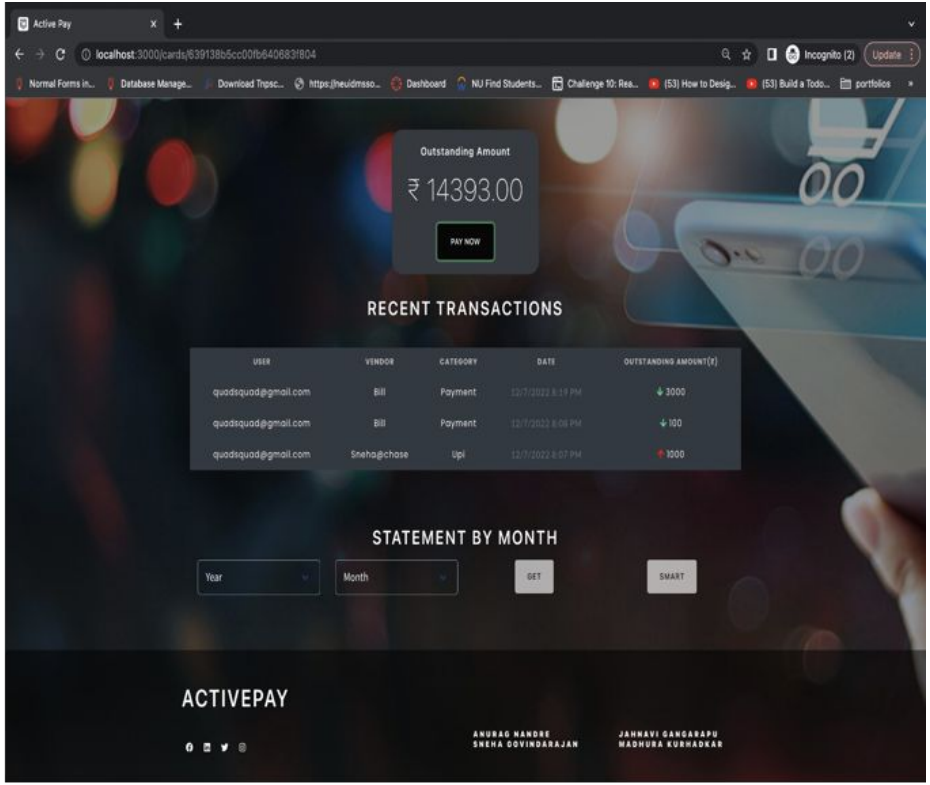


User profile Page : Used to update the already created profile with login credentials

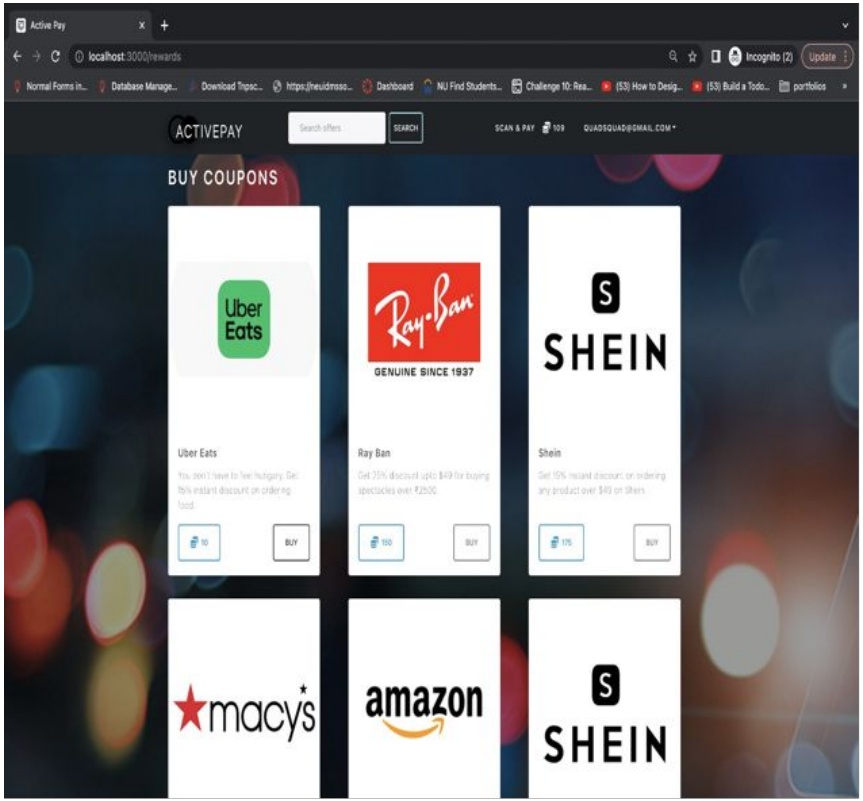


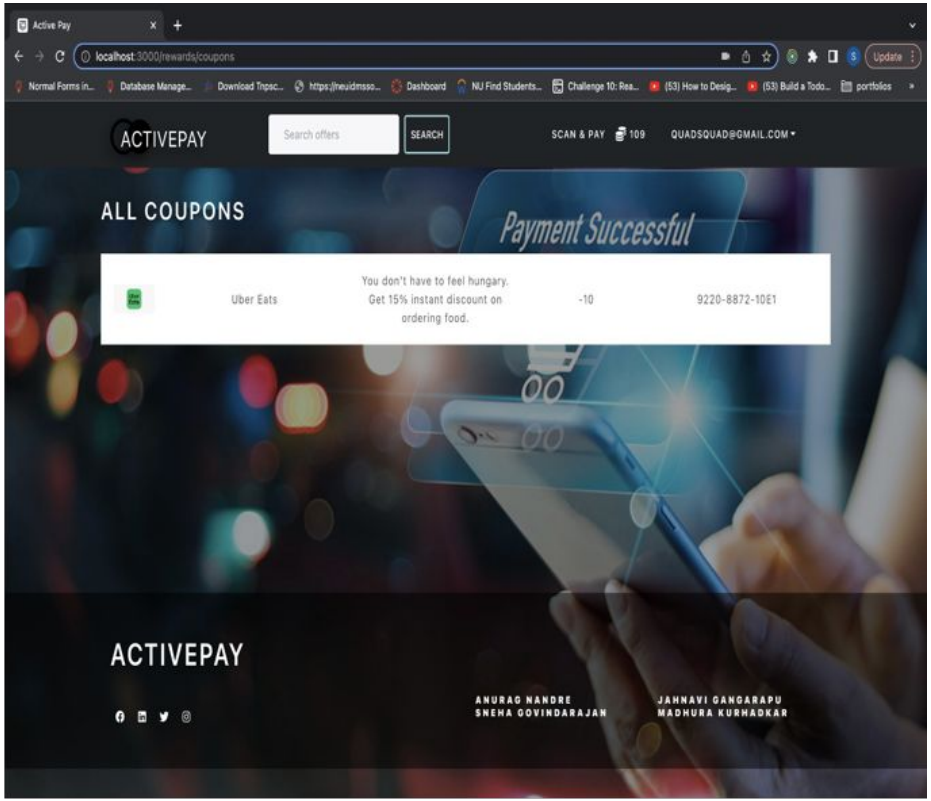
Add Card and View card details Page : Can be used to click and add the card details and also simultaneously view.



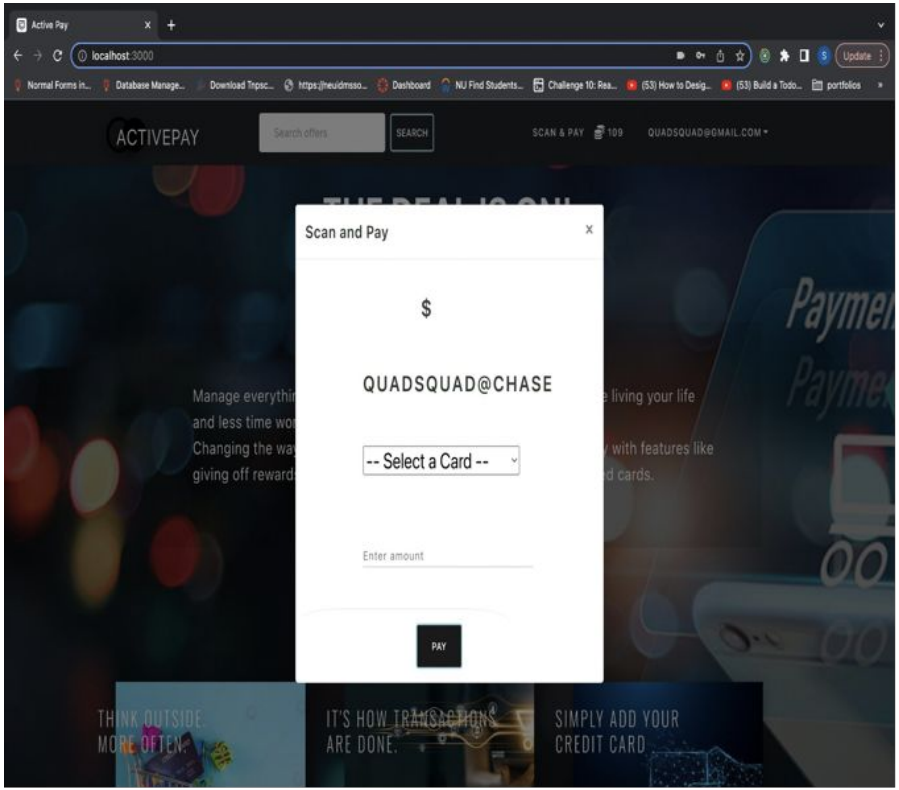


Statement and Payment History Page : Used to Get All User Statements in descending order of the date of transaction and get monthly transaction statements

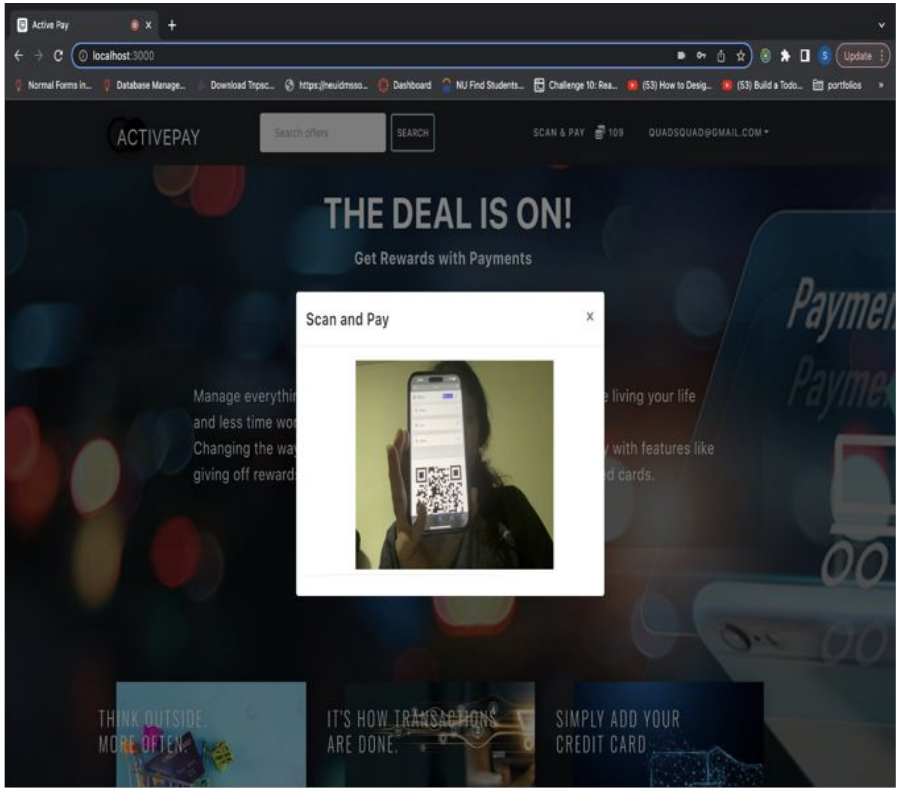




Exclusive Offers for the User Page : Coupons are available to the user for redemption and UberEats coupon redeemed by the user in the second screenshot



Scan and pay screen page



Scanning QR page

Contributions

Anurag: All frontend and backend part associated with Payments, Transaction History and Statement, Bill payment

Jahnavi: All frontend and backend part associated with User registration, User login, User profile, User profile update

Madhura : All frontend and backend part associated with card operations

Sneha : All frontend and backend part associated with Rewards, QR-Scan and Pay, Spend Analysis charts

References:

Documentation Reference:
ReactJS components
Mongo database connectivity
NodeJS

Images Reference:

Sass image
Credit Card image
Coins image
Scan to pay image
ReactJS image
MongoDB image