

QUANTUM QUAD

SIT (TECH-FRENZY)

Presented by: Lukesh Tiwari



SnapStore
New way of Shopping

OUR TEAM

Quantum Quad

Presentations are communication tools that can be used as lectures, speeches, reports, and more. It all depends on the purpose of your presentation.



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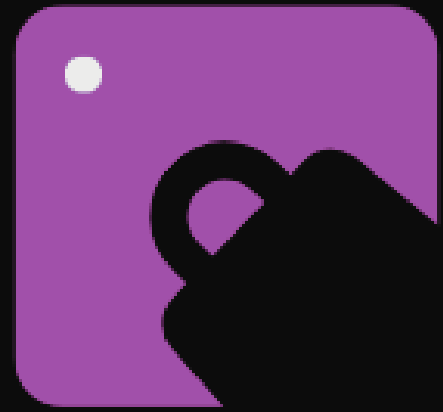
Team Member



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ALL ABOUT THE IDEA



SnapStore

New way of Shopping



Shop with Trust

Snap and Pay

Problem Statement

- Shopping Process is a key concern for many customers
But they face long queues at the cashier.
- This can lead to customer dissatisfaction and potential loss of sales for retailers.
- In Festival Days We Face It Often Regularly.

Solution Overview

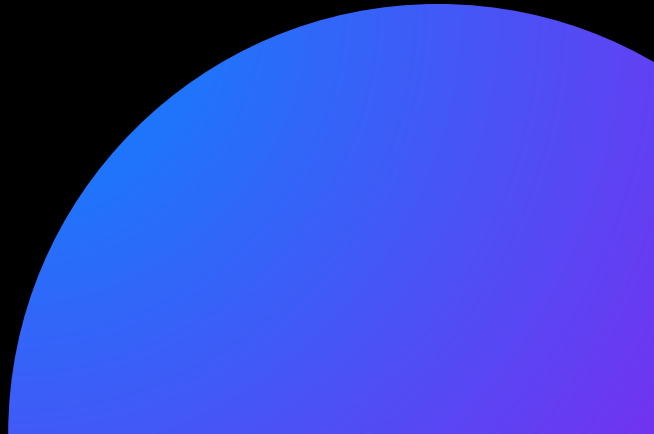
- *The SnapStore Offers Streamline Shopping Experience.*
- *The users can simply scan the barcodes of items they want to purchase, add them to their digital cart, and make a direct payment through the app.*
- *This eliminates the need for traditional cashiers, reducing wait times and enhancing convenience.*



For Those Who Don't Scan the Items We Will Use AI and Machine Learning.

Features

Barcode Scanning: Users can scan barcodes of items they want to buy.

- Product Listings: The app fetches information about scanned items from an external database.
 - User Accounts: Users can create accounts, log in, and keep track of their purchase history.
 - Shopping Cart: Users can add items to their cart and make purchases securely.
 - Payment Integration: Secure payment processing through integrated payment gateways.
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Technologies Used

1. **HTML and CSS:** These are fundamental technologies for building the structure and styling of web pages.
2. **JavaScript:** Used for client-side scripting to add interactivity and handle events. In this case, JavaScript is used for starting the barcode scanner and handling barcode detection.
3. **QuaggaJS:** A barcode scanning library that's integrated into the web page to facilitate barcode scanning.
4. **Libraries and APIs:**
 - **QuaggaJS:** A JavaScript library for detecting and decoding barcodes.
 - **HTML5 APIs:** Used for accessing the user's device camera. Media Devices

FlowChart



This is the Use Case Diagram of our project.

Here we have two actors namely the customer and the admin.

The customer performs the following operations:

- **Login**
- **View Item**
- **Make Order**
- **Make Payment**

Out of which the admin performs performs the operations of aproving login and order management.

Dependencies

Front End - HTML , CSS , Java Script

Back End - Express.js

Database - Mongo DB

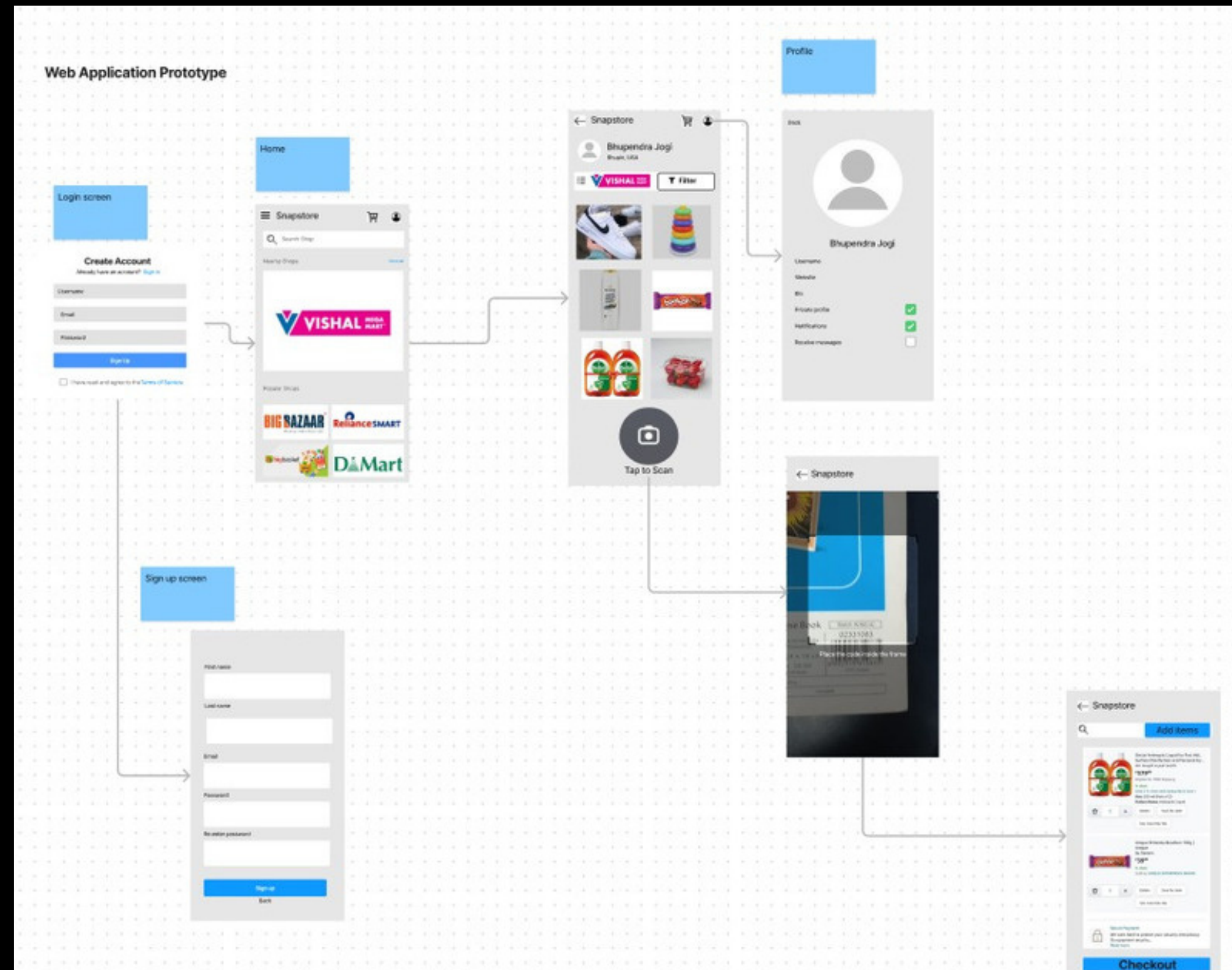
HTML



CSS



WEB APPLICATION PROTOTYPE



Web Application in Detail

Login screen

Create Account

Already have an account? [Sign in](#)

☐ I have read and agree to the [Terms of Service](#)

