PROJECT UPDATE 1

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Abstract

We have implemented all the mobile features for our application "Referred", mentioned in our project contract and project proposal. The features that have been completed are QRCode scanning (this feature allows the restaurant to validate QRCodes of the customer), Calling (this feature allows the user to directly call the restaurant just with a single click), Navigation (this feature allows the user to navigate to the restaurant with a single click), Code Sharing (using this feature the user can share codes by entering the email address of the person he wants to refer, all the sharing happens on the backend). Apart from the above-mentioned minimum and expected functionalities, we have also implemented a couple of bonus functionalities like photo uploading (this allows the restaurants to upload photos of their restaurant), login (authenticates users so that coupon code can be shared). We are quite ahead of our initial timeline and have almost completed the work, that we were supposed to complete up until week 4 in milestone 2.

Progress Report

For the application "Referred" the mobile accessibility features mentioned in our project proposal and project contract has been completed. Following are the description of the task completed in our first project update.

Milestones Achieved

Code-Sharing – This functionality allows the user of the application to share their restaurant code to the other user. The code sharing is done by entering the mail id of the other user. Once the user shares the restaurant code, it will be visible in that user's "My Coupon" screen. This sharing is done through the backend

QR Scanner – This is the functionality provided to the restaurants. It will allow the restaurants to scan the QR Code and check if the coupon is valid.

Call Function – The user of the application can communicate with the restaurant via the call button provided in the application.

Navigation (Location) – The user can navigate to the restaurant with a click, using the navigation button provided in the application.

Connecting to the firebase - Connecting the application to the backend firebase database and display restaurant data from the database on the phone.

List restaurant data – This feature will display the list of restaurants registered in our application. This would be the home screen for the customer's application.

Login –A way to authentic the restaurant and customers
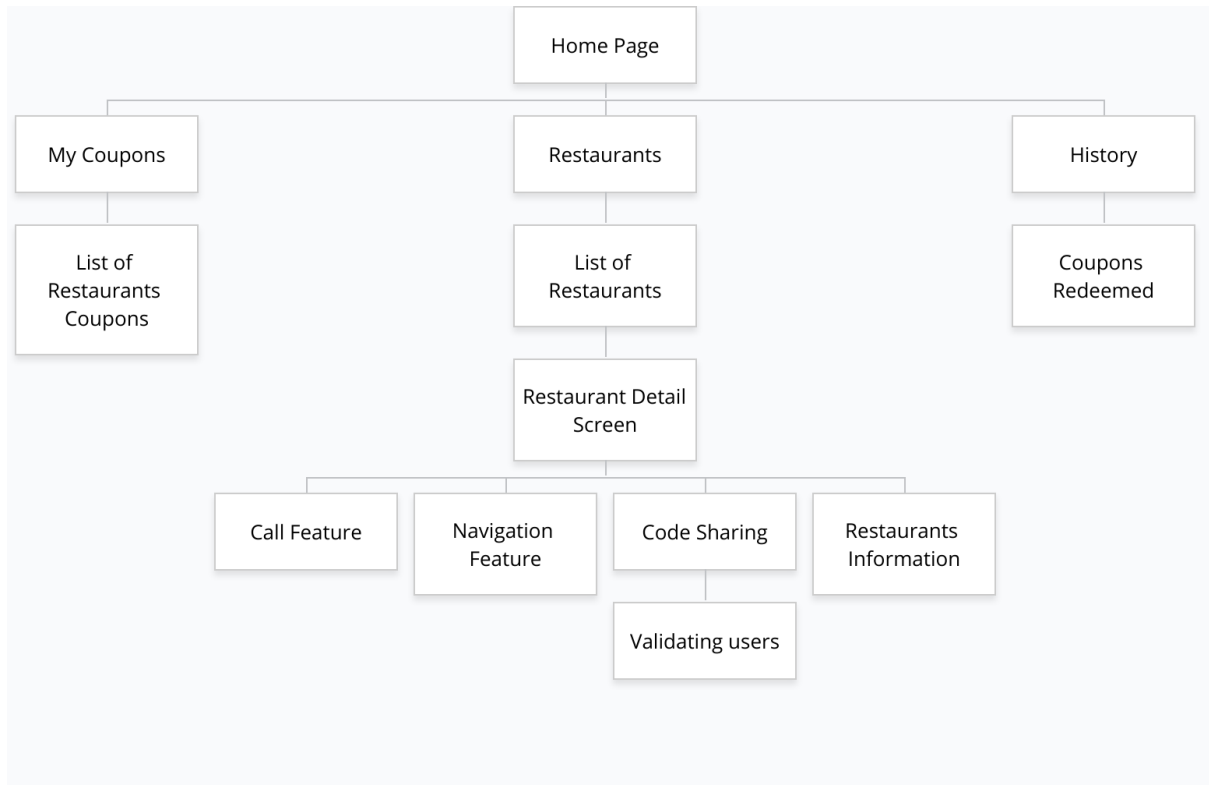
Milestones Remained

Customer Tracking – This is the feature for the restaurant's application. This will allow them to keep the track of the number of customers who redeemed the coupons.

History of coupons for the customers – This is the feature for the customer's application. The users will be able to view their previously used coupons in the history section
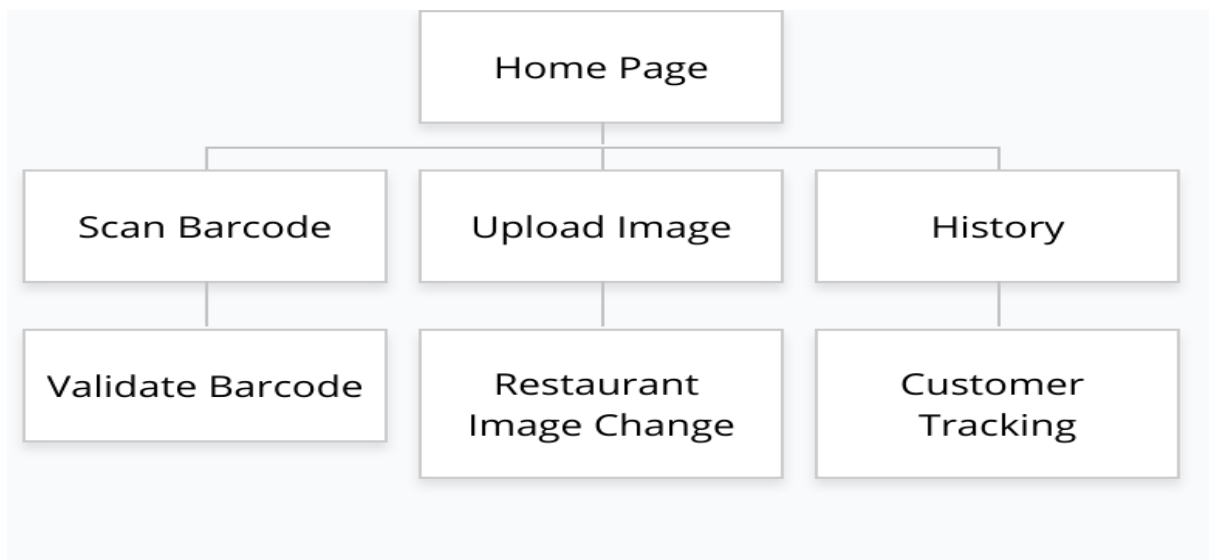
Registration – This feature will allow restaurants and customers to register in the application.
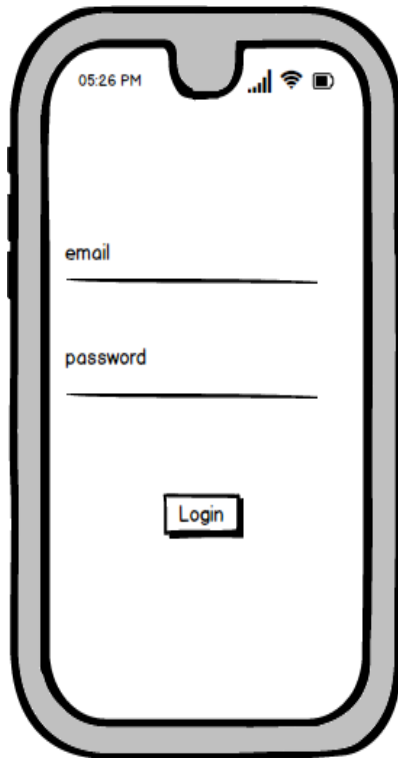
SiteMap

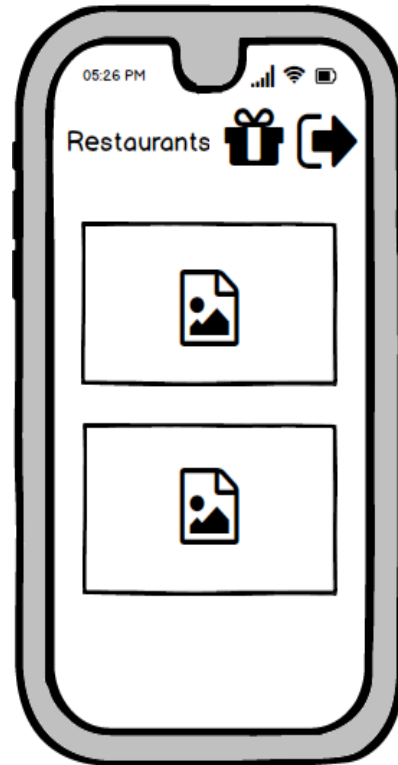## Customers Application

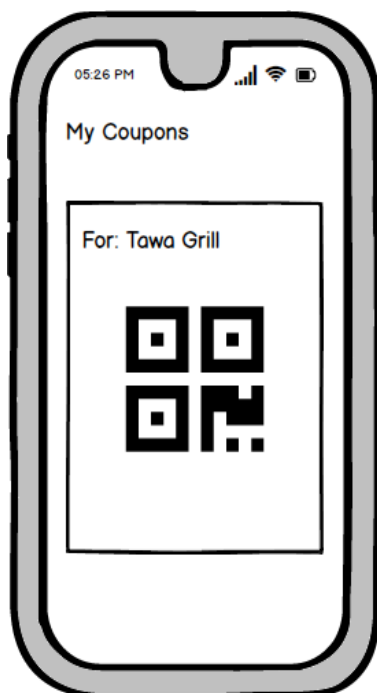## Restaurant Application

Wireframe's

Login Screen

05:26 PM

email

password

Login

Home Screen

05:26 PM

Restaurants

My Coupons

05:26 PM

My Coupons

For: Tawa Grill

Restaurant Detail

08:37 PM

About

Restaurant Management

05:26 PM

Scan

Scan to Validate

Upload Image

To upload your restaurant Image
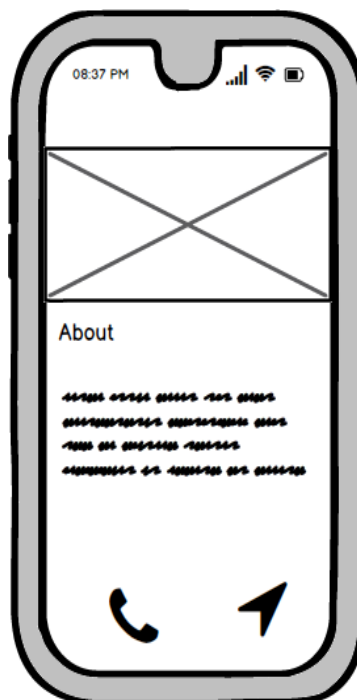
ClickStream

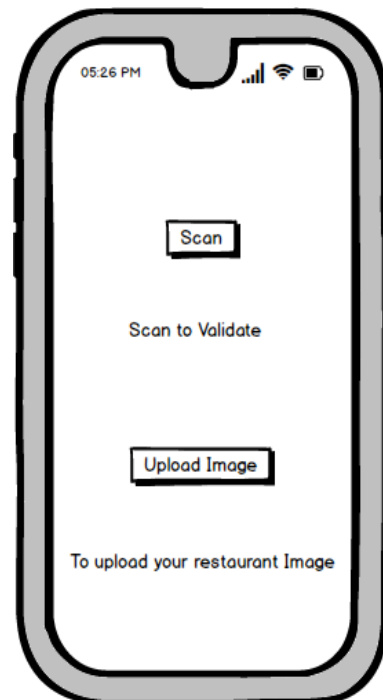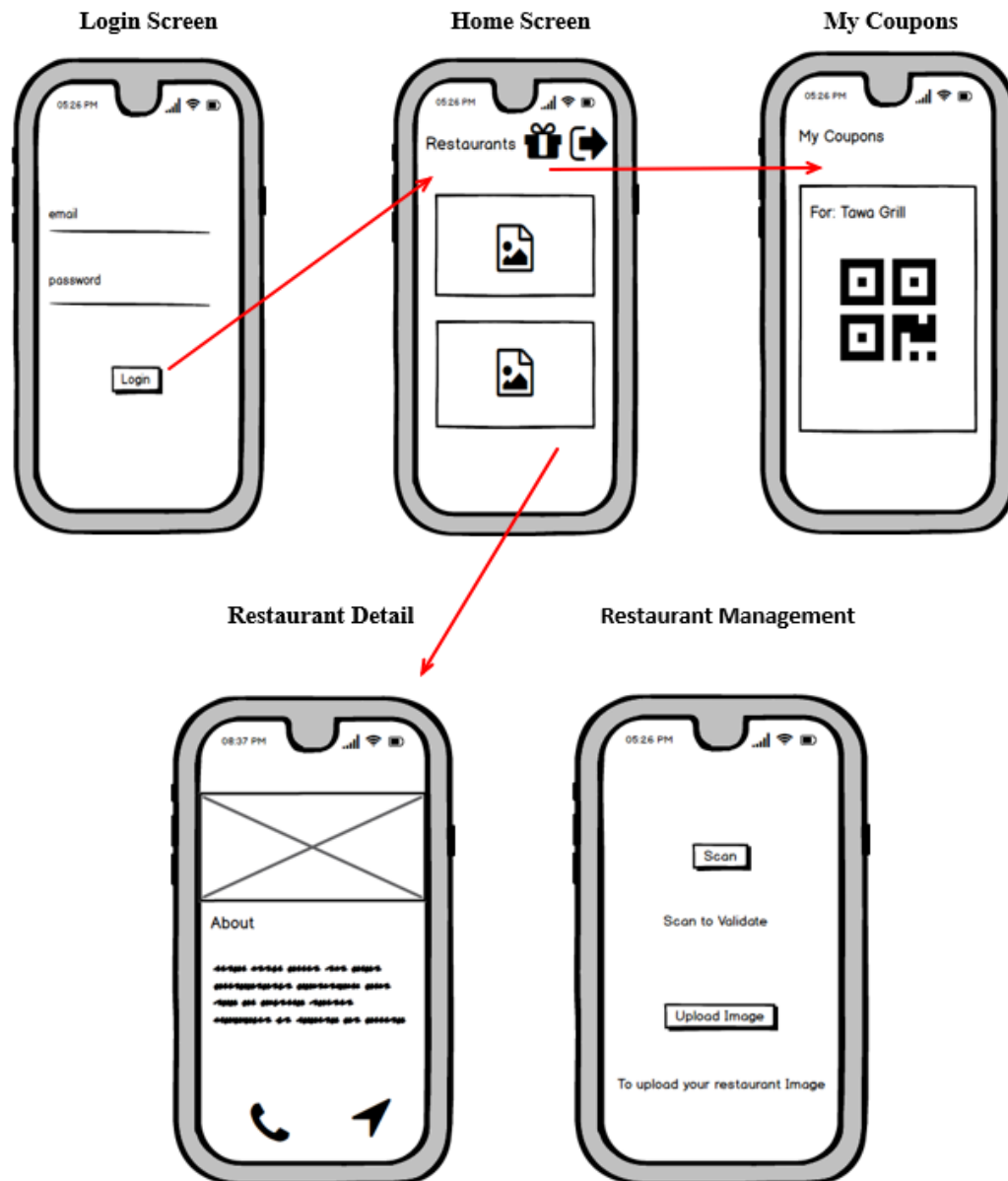**Login Screen**

Home Screen

My Coupons

Restaurant Detail

Restaurant Management

Problem Encountered

One problem we faced is one of the team member git credentials were blocked. This is the reason one member has more contribution than the other.

Problem Resolved: The problem was resolved by going to the helpdesk and unblocking the IP