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Project Update 1

**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 “Referrer” we have implemented the mobile accessibility features. We have completed all the accessibility features which were mentioned in the project contract as well as in the project proposal. This feature was call functionality, which directly allows calling the restaurant from the application. The second one was navigation which allows the user to navigate to the restaurant on click of the navigation button. The third was code sharing among the user and last was to allow restaurants to verify the code.

**Milestones Achieved**

**Device Features**

**Code-Sharing** – Allowing the users to share the code just by entering the email address.

**QR Scanner** – Allowing to restaurant to scan the QR Code and validate it.

**Call Function** – This feature allows the customer to place a call to the restaurants.

**Navigation (Location)** – This feature navigates the user to the restaurant, through the maps.

**Connecting to the firebase** - connecting the application to the backend firebase database and display some data from the database on the phone.

**List restaurant data** – This feature will display the list of restaurants to the user.

**Milestones Remained**

**Customer Tracking** - This feature will allow the restaurant to keep track of the number of customers arrived (Restaurants will have a different application).

**History of coupons for the customers** – This feature will display all the previous coupon codes.

**Problems Encountered**

**SiteMap**

**Customers Application**

**A screenshot of a cell phone

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**Restaurant Application**

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**WireFrames**

A screenshot of a cell phone

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A drawing of a person

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