Project Milestone-02

**Team Members:**

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1. **Draw the UI prototypes that are related to your app.  You may draw them using pen and paper.**

A diagram of a website

Description automatically generated with medium confidence

1. **Explain navigation among different screens using one or more of the following.**
   1. **Button pressed.**
   2. **Scroll horizontally or vertically.**
   3. **Tap gestures or click on the content.**

We are planning to do UI for the Restaurant Booking App as shown in the picture.

* The first screen of our app would be the Login Page (Screen-1). In Login page we will have App name in place of title, will also include the animation for the logo of the app. We will have two text fields to enter the username and password, two buttons for login and reset and we will have a link for Signup page (Screen-2) if the user is a new user.
* In the Signup Page, we will have our App name in place of the title. We will have 5 text files for username, email, phone number, password and confirm password. In these text fields, the user will enter the details to create the account to login into the app. We included a button for the signup and Forgot password also. After entering the required information, if the user clicks on the signup button, then he navigates back to the login page.
* If the User forgot the password (Screen-3), if user clicks on the forgot password button, then he navigates to a screen where user can change the password. Here we will use 4 text fields and labels for Username, Email, new password and confirm password and a done button.
* After successful login, the user enters the home screen of the restaurant booking app. (Screen-4) We have a search bar to search for the restaurant user wants to search. If the User enters the restaurant name and clicks on search, then he navigates to screen where the restaurant details are displayed (Screen-6). In the screen where it navigates, we will use view to display the information regarding the restaurant.
* We have different types of elements that can be seen on the home page that include Category, Offers, Popular Restaurants and user profile info. (Screen-4)
* When the User clicks on the User Profile button then he navigates to a screen where can know the information regarding his profile. (Screen-5) In User Profile screen we will have details such as Name, Email, Phone, and password.
* When users click on Category, we have different types of categories like pizzas, burgers, soft drinks etc. For the category we have used horizontal Scrolling. When the user selects a particular category then he navigates to the screen where we have the nutritional information regarding the category user selected. As we decided to use the navigation bar, we will have the option to go back directly, which is provided by x-code. So, we didn’t mention any element to get back to home page. Here we will be using vertical scrolling. (Screen-7) In this screen we will have information regarding the item nutrition content like proteins, calories and the description of item and image.
* When the user taps on the image of offers the restaurant is providing, then he navigates to the screen where he has the info regarding the item selected and the discount provided by the restaurant. (Screen-8) We will use tap gestures for the image changing if user scroll left or right. In this screen we will show the restaurant name and selected item image.
* When the user clicks on the preferred restaurant, User navigates to the screen where he can find the information regarding the restaurant. (Screen-9) In this Screen he can be able to see the restaurant image along with that user can see the timings, location, and rating for that restaurant. For this, we have implemented vertical scrolling.
* If User wants to book a table in that preferred restaurant, then user can click on “book” button to reserve a table in the restaurant. (Screen-10)
* When User clicks on the button “Book”, User navigates to the screen where he can select the Table of his choice, here we want to implement the Package Core Motion. After the User selects the table, then User must click on “Choose Table” and then user navigates to the Payment Screen. (Screen-11)
* In Payment Screen, we will use 5 text fields and labels to enter the information of card details, name, cvv, name and email. After the User enters successful information, then User must click on “Pay”. Then an alert will be shown as Booking is Confirmed.
* As we decided to use the navigation bar, we will have the option to go back directly, which is provided by x-code. So, we didn’t mention any element to get back to previous screens.