IDEALMEAL

TECHNICAL DOCUMENTATION

Group 7

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1. Introduction

IdealMeal is a software that aims to automate restaurants and remove many of the hurdle restaurant are facing today. Our automation is focused upon the tedious and time-consuming aspects of managing a restaurant so managers and staff can spend their time and effort on the most important component of any restaurant – its customers/guests. Moreover, our restaurant automation not only makes life easier for the employees of the restaurant, but also for the customers as our software provides features that greatly satisfy the needs of a customer such as reduced queue time for ordering food and many more.

2. Running the Application

1. Open in Visual Studio Code (download if needed).
2. Install the Expo application on a smartphone.
3. Download Github application on desktop.
4. Clone the GitHub Repository and open it in the desktop application.
   (url to repository: https://github.com/AkshatParmar/SWP)
5. Open the repository in the visual code.
6. Navigate to the 1_code folder in the repository and open the terminal.
7. Type command "npm install"
8. Once installation is complete, type "expo start."
9. Scan the tunnel QR code that appears on your screen, using Expo on smartphone.
10. Your smartphone and computer must be on same network in order to run the application properly.

3. Using the Application

After you run our application, you will have the option to choose what feature of the application you want to access: Customer, Chef, or Manager. You can choose either by clicking the respective buttons.

Customer

If you signed up as a customer, then you will first sign into the account you just made. Then you can view the menu. As menu feature has not been implemented you will be asked to proceed to order summary by clicking "Order summary button." From the summary screen you click the back button in the upper left corner once to get back to the menu. Once ready, you can click Confirm Order button to proceed to payment. At payment page, you will add your credit card information and click Pay to finish your order.

Employee

If you signed up as an employee, then you will first sign in to the account you just made. Then you can clock-in from here. Then the employee portal button will take you to a screen that gives you the following options to view the menu, view current table statuses, view their schedule, and view available staff, order queue etc.