

Why W8

Restaurant Automation



<https://github.com/SE-Group-4/Why-W8>

Group 4

User Documentation

Stephan Dimitrovski
Michael Haas
Jimmy Jorge
Nikhil Jiju
Kyungsuk Lee
Yi Xie

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1. Introduction

Our mission is to increase restaurant efficiency and profitability while helping to maintain a productive restaurant atmosphere and experience. With Why W8's all in one, automated, easy to use system, we will guarantee any restaurants that implement our app into their systems will help create a reputation that customers want to be a part of. As we all know, restaurants need business to be successful. So working off of that idea, one of our main focuses is creating something easy and straightforward that the customer will love to use, and will make their experience better. From a customer's perspective, when going out to eat there are always a ton of variables. Waiting to get seated, waiting for food, waiting to pay... we want to eliminate all of the waiting. From an employee's perspective, there's problems with inventory, problems with workers clocking in/out, and there are always issues on the floor throughout the working day. We want to simplify all of that through our multiple features and infrastructure which you will all see in a moment.

2. Customer

After downloading our app, the customer is greeted with a login screen. If an account has already been created, the customer may login, otherwise the customer may continue as a guest or create a new account. The customer then has the following options:

- Dine-In:
 1. Customer selects a time he/she would like to make a reservation
 2. The seating chart is available at the top of the screen. The customer selects an available table and continues to order.
 3. The menu is shown where the user can choose the amount of each food item he/she would like. The itemized order can be seen on the right hand side of the screen along with the total order amount. The customer is also able to rate and favorite food items of their choosing.
 4. The customer clicks the place order button and is taken to the payment screen. After paying for their order, the customer can choose to rate the foods they ate and submit the ratings to our database.

- Take Out:
 1. The menu is shown where the user can choose the amount of each food item he/she would like. The itemized order can be seen on the right hand side of the screen along with the total order amount. The customer is also able to rate and favorite food items of their choosing.

2. The customer clicks the place order button and is taken to the payment screen. After paying for their order, the customer can choose to rate the foods they ate and submit the ratings to our database.
 3. The customer will receive a notification letting them know when their food will be available for pickup
- View Menu:
 1. The menu is shown where the user can rate and favorite food items of their choosing.

3. Manager

After downloading our app, the manager is greeted with a login screen. If an account has already been created, the manager may login, otherwise the manager may continue as a guest or create a new account. The manager then has the following options:

- Edit Item:
 1. Enter the name of the food item
 2. Enter the price of the food item
 3. Enter an expected cooking time for the food item
- Edit Employee:
 1. Enter the name of the employee
 2. Enter the salary of the employee
 3. Enter the SSN of the employee
- Statistics:
 1. View the inventory statistics for the restaurant
 2. View the traffic information for the restaurant
 3. View the profits information for the restaurant
- Message Center:
 1. Pick an employee to send a message to
 2. Select a message from the drop down
 3. Click the send button to send the message

4. Chef

After downloading our app, the chef is greeted with a login screen. If an account has already been created, the chef may login, otherwise the chef may continue as a guest or create a new account. The chef then has the following options:

1. Select a table to view the customer's order
2. Press start to begin cooking the order
3. Press complete to alert the waiter/waitress that the customer's food is ready

5. Busboy

After downloading our app, the busboy is greeted with a login screen. If an account has already been created, the busboy may login, otherwise the busboy may continue as a guest or create a new account. The busboy then has the following options:

1. View the tables that are dirty and click on them to change their status to clean

6. Waiter

After downloading our app, the waiter is greeted with a login screen. If an account has already been created, the waiter may login, otherwise the waiter may continue as a guest or create a new account. The waiter then has the following options:

1. View the status of tables and update the ones where the food has been delivered to the corresponding table and change the status of others to already paid