

Wait-Less Task Workflow Scenario

Group 22 - Brian Goldenberg, Omar Salas, Harsh Gupta, Emmanuel Utomi

The **Wait-Less** application will eventually handle are sorts of task manipulation for each employee that is logged into the application. Every employee will have the ability to (after logging into the application) see their list of current tasks assigned to them. Within the main screen, the employee can add a new task (to themselves initially). After creating a task, the employee is able to later mark as complete, delete, send, or receive tasks. This is the core workflow of the application since it's what handles all the functionality of the application.

Scenario "Task Workflow"

After the employee has logged into the application, the landing page will be displayed according to the employee that logged in. In other words, if a manager logs into the application, then they will have a slightly different menu than a typical waiter.

Landing page: Periodically refreshed main screen where the logged in employee can view their different menu options, employee information, and their list of tasks.

Menu options:

The options will be general options like Create, Assign and Complete tasks. We can add other options as needed by the Manager. The options will follow the algorithm for each of these cases and will call different API calls for providing with the updated information by periodically refreshing.

Employee information:

- Full Name
 - "Jane Doe"
- Job Title
 - "Manager"

We will only be storing this information about any particular person in the database. This information will only be accessible from within the application while logged in.

List of job title roles:

1. Host
2. Manager
3. Server (waiter)
4. Bartender
5. Kitchen staff
6. Valet
7. Dishwasher (optional)

The following tasks will be accessible based on a user's respective role.

Host:

- Add Tables
- Finish Task
- Task(s) from Management
- Ping Staff for requests
 - Reservations
 - Summon Manager
 - Valet
- Permission to add tasks to other queues
 - Servers
 - Bussers
 - Bartenders
 - Manager

Manager:

- Send Task to other tasks
- Receive Task
- Create Task
- Disable queue
- Finish Task

Server:

- Remove Tables
- Finish Task
- Task(s) from Management
- Permission to add tasks to other queues
 - Busser
 - Bartender

- Host
- Manager
- Kitchen Staff

Busser:

- Remove Tasks from queue
- Ability to ping other queues
 - All queues

Kitchen Staff:

- Remove Tasks from queue
- Ability to ping other queues
 - Server
 - Bartender
 - Busser
 - Dishwashers (optional)

Bartender:

- Finish Tasks
- Ability to ping other queues
 - Server
 - Bussers

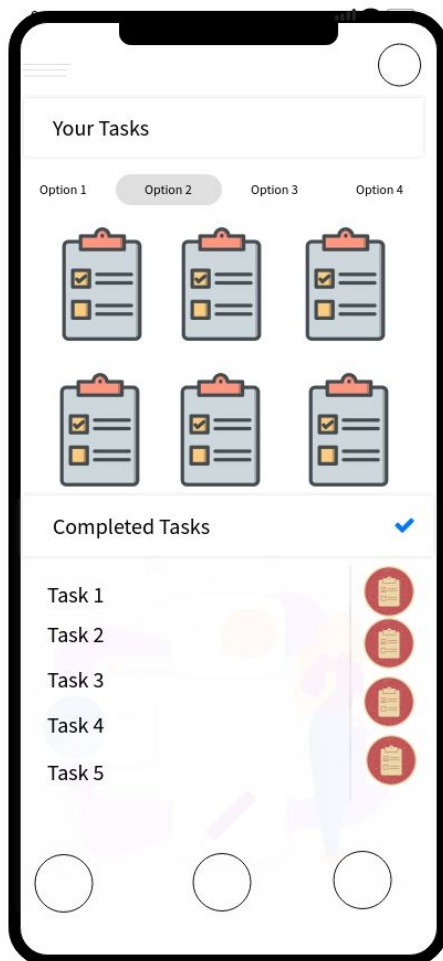
Each waiter's page will be unique as it will list all tables, but prioritize the tables that are currently assigned to that waiter. Each table will have a list of information available, such as recent tasks or special requests.

A manager view will contain current employees working in the restaurant. It will also include the average time a table needs to wait until they are served. It will also have a map view of the tables within the tables within the restaurant.

The User Interface for the Waiter:

It will have the following interfaces implemented:

1. User Information
2. Various Options: Can be decided specific to the restaurant
3. Tasks Assigned to the User
4. Completed Tasks: Tasks completed by the user
5. At the bottom there are buttons to traverse to User Profile, Contact the Manager, Logout



The User Interface for the Manager:

It will have the following interfaces implemented:

6. User Information
7. Various Options: Can be decided specific to the restaurant
8. Tables Info and Details of the tasks assigned to the User
9. Tasks completed by the a waiter can be viewed by clicking each table
10. At the bottom there are buttons to traverse to User Profile, Look at the current tasks waiters are performing, Logout

