

User Manual

- Admin
 - Create Employee Account
 - Click on the 'Create Employee Account' button on the toolbar, and fill out the appropriate information
 - Add Menu Item
 - Click on 'Add Menu Item' button on the toolbar and fill out the information.
 - Add Menu Item Type
 - To add a menu item type, create a menu item with the desired type. If the type of the new item is new, it will be created.
 - Add/Delete/Edit Customizations
 - To edit the customizations available, click on 'Edit Customizations' on the toolbar.
 - Here you'll see all current customizations, and can delete them if desired
 - Create a new customization by filling in the info at the bottom and pressing 'Create Customization'
 - Add/Delete/Edit Menu Item (and it's customizations and types)
 - Click 'Edit Item' next to the item you want to edit
 - You can remove customizations and types from that menu item by clicking 'Remove' next to the respective option
 - You can add existing customizations and types to the item by selecting them from the dropdown menu and clicking 'Add Type' or 'Add Customization'
 - Visibility
 - You can change an item types visibility when editing it via a menu item. Visibility means the menu visible to the customer will display items of that type.
- Employee
 - Viewing orders
 - In progress (non complete or cancelled) orders are displayed on employee home page
 - Editing order status

- On employee homepage there is a button for each in progress order
 - The button changes the order status to the next status in the production line
- Cancelling order
 - On the orders list there is a button to cancel orders
 - Orders can only be cancelled if the order is prior to being set to “cooking”
- Viewing an Order details
 - Click view details button next to order on orders list
 - Details displays list of items in order and bill total
 - If not yet paid employee can mark bill as paid
- Changing password
 - Select the change password tab from header menu
 - Provide current password, new password, and confirmation of new password in form to update password
- Customer
 - Viewing the menu
 - After logging in, the customer will be taken to the menu via his home screen.
 - Change password
 - To change your password, click on ‘Change Password’, input your old password and new password, and select change password
 - Viewing current and past orders
 - Select “My Orders” tab from header
 - Each order shows whether it was a delivery and the status of the order
 - Can cancel an order that is status “received” and not yet cooking
 - Can view detail of order
 - Order details shows items included in order as well as price total
 - Ordering a meal
 - To add an item to your shopping count, click ‘Add item’ next to the desired item.
 - Check the desired customizations to add, input your quantity and then add to the shopping cart.
 - Checking out order
 - To finalize your order, click ‘Shopping Cart’ in the top right corner of the toolbar and then click Checkout after reviewing your order.

- Managing your credit cards
 - Go to 'My Credit Cards' on the customer toolbar. Here you can view or remove credit cards tied to your account.
 - To add a credit card, click 'Add Card' to be taken to the Add card screen, and fill out the form with your credit card information.

Available Test Accounts

<u>username</u>	<u>password</u>	<u>type</u>
admin	admin	admin
customer	customer	customer
employee	employee	employee
jj	password	employee
tstark	pepper	customer

Assumptions

None

Creation Statements

```
CREATE TYPE AccountType AS ENUM ('admin', 'employee', 'customer');
```

```
CREATE TABLE Account (  
    id SERIAL NOT NULL PRIMARY KEY,  
    username TEXT NOT NULL,
```

```
password TEXT NOT NULL,  
firstName TEXT,  
lastName TEXT,  
type accountType NOT NULL DEFAULT 'customer'  
);
```

```
CREATE TABLE CreditCard (  
    number TEXT NOT NULL PRIMARY KEY,  
    customerId INT NOT NULL REFERENCES Account(id),  
    crc INT,  
    address TEXT,  
    expDate DATE  
);
```

```
CREATE TYPE orderstatus AS ENUM('received', 'cooking', 'ready', 'delivering',  
'cancelled', 'complete');
```

```
CREATE TABLE Orders (  
    id SERIAL PRIMARY KEY,  
    customerId INT NOT NULL REFERENCES Account(id),  
    billId INT NOT NULL REFERENCES Bill(id),  
    isDelivery BOOLEAN NOT NULL DEFAULT false,  
    status orderStatus NOT NULL DEFAULT 'received'  
);
```

```
CREATE TABLE OrderAddress (  
    id SERIAL PRIMARY KEY,  
    orderId INT REFERENCES orders(id) NOT NULL,  
    address TEXT NOT NULL,  
    city TEXT NOT NULL,  
    state TEXT NOT NULL,  
    zipCode TEXT NOT NULL  
);
```

```
CREATE TABLE OrderItem (id SERIAL PRIMARY KEY,  
    orderId INT NOT NULL REFERENCES Orders(id),  
    itemName TEXT REFERENCES MenuItem(name) NOT NULL,
```

```
    quantity INT NOT NULL,  
    CHECK(quantity > 0)  
);
```

```
CREATE TABLE Bill (id SERIAL NOT NULL PRIMARY KEY,  
    employeeld INT REFERENCES Account(id),  
    total DECIMAL NOT NULL,  
    tip DECIMAL(7, 2) DEFAULT 0,  
    paid BOOLEAN DEFAULT FALSE  
);
```

```
CREATE TABLE MenuItem (  
    name TEXT PRIMARY KEY,  
    price DECIMAL(7, 2) DEFAULT 0,  
    description TEXT,  
    available BOOLEAN NOT NULL DEFAULT true  
);
```

```
CREATE TABLE ItemType (id SERIAL PRIMARY KEY,  
    name TEXT UNIQUE  
);
```

```
CREATE TABLE MenuItemType (  
    menuItem TEXT REFERENCES MenuItem(name) NOT NULL,  
    itemTypeId INT REFERENCES ItemType(id) NOT NULL,  
    PRIMARY KEY (menuItem, itemTypeId)  
);
```

```
CREATE TABLE Customization (  
    id SERIAL PRIMARY KEY,  
    description TEXT NOT NULL,  
    price DECIMAL(7, 2) NOT NULL  
);
```

```
CREATE TABLE MenuItemCustomization (  
    id SERIAL PRIMARY KEY,  
    itemName TEXT REFERENCES MenuItem(name) NOT NULL,  
    customizationId INT REFERENCES Customization(id),  
    UNIQUE(itemName, customizationId)
```

);

```
CREATE TABLE OrderItemCustomization (  
    orderItemId INT REFERENCES orderitem(id) NOT NULL,  
    menuItemCustomizationId INT REFERENCES MenuItemCustomization(id) NOT  
    NULL,  
    PRIMARY KEY(orderItemId, menuItemCustomizationId)  
);
```

Work Log

Ryan	AddMenuItemController EditCustomizationController AdminHomeController CreateEmployeeController EditMenuItemController OrderProvider MenuItemProvider ItemTypeProvider CustomizationProvider admin_add_menuitem.xhtml admin_edit_custom.xhtml admin_edit_menuitem.xhtml admin_home_header.xhtml admin_home.xhtml A couple of the models User Walkthrough	1 hour 2 hours 2 hours 30 mins 5 hours 30 mins 1 hour 1 hour 30 mins 1 hour 1 hour 3 hours 30 mins 2 hours 30 mins 30 mins
Tyler	AddCreditCardController CreditCardController MenuController SignupController AccountProvider CreditCardProvider DatabaseProvider add_credit_card.xhtml credit_card.xhtml index.xhtml signup.xhtml menu.xhtml	1 hour 1 hour 4 hours 3 hours 1 hour 1 hour 30 mins 1 hour 1 hour 1 hour 1 hour 3 hours

	login.xhtml admin_change_password.xhtml empl_change_password.xhtml Account.java AccountType.java CreditCard.java	30 mins 15 mins 15 mins 30 mins
Kyle	Empl_home.xhtml Cus_orders.xhtml Cus_order_details.xhtml Order_details.html Bill.java Order.java OrderItem.java BillProvider.java OrderProvider.java ItemTypeProvider.java OrderListController.java OrderDetailsController.java	30min 30min 45min 45min 30min 1hr 30min 1hr 2hrs 2hrs 3hrs 4hrs
Brittany	Add_order_item.xhtml Shopping_cart.xhtml Checkout.xhtml View_menu.xhtml Cus_home.xhtml Order_received.xhtml Customization.java MenuItem.java MenuItemProvider.java AddItemController.java CardOrderItem.java CheckoutController.java ShoppingCartController.java	30min 1hr 1hrs 10min 15min 10min 20min 20min 2hrs 1hr 10min 1hr 1hr