

Report of Restaurant Wait Staff Replacement System

CPT112 Assignment 2
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This system is designed to replace the wait staff at a restaurant. The application is designed to work on a tablet that will be attached to each table so when patrons sit down they can easily use this system at their table to place the order. When their order is ready a big popup will display on the screen displaying that their food is ready so they are then able to go and retrieve their order from the counter. To prevent confusion with orders the app will automatically generate a simple order number which the user will use for payment and order retrieval.

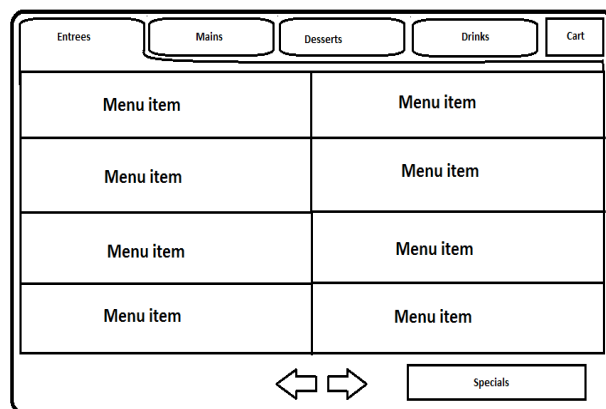
This application will have a few functional requirements. It will need to be able to do the following:

- The application will need to process payments for the order
- It will need to be able to add menu items to a cart-like system
- It will need to be able to confirm the order and send it to the kitchen staff
- It should be able to allow the users to edit menu items. ie: add/remove ingredients from a menu item
- It will have tabs or each type of menu item ie: appetizers, entrees, mains, desserts
- Each of these tabs will display a list of the items much like a standard restaurant menu

The data elements required for this application from the restaurant will be:

- The restaurant menu and description of each item
- Pictures of each food item, if no picture then restaurant logo can be displayed
- Prices of each food item
- Ingredients of each food item
- Automatically generated order number or could be table number

The design will be a tabbed layout with the various menu item types across the top of the page much like a tabbed web browser style. When each tab is selected it will show a list of the menu items. It will have forward and back buttons along the bottom of the screen in case there is more items that will be displayed these buttons will disappear unless the restaurant is able to use them. Along the bottom will also be a specials tab/area that will display a list of the specials of the day.



When a menu item is selected it will display that menu item, options for that item and then an extra button to add/remove ingredients from the item. This screen will then show a checked list of removable ingredients so the user can uncheck if required.

Entrees Mains Desserts Drinks Cart

Steak

How would you like it cooked?

☐ Well Done

☐ Medium

☐ Rare

Add/Remove ingredients

Sides

☐ Potatoes and Vegetables

☐ Chips and Salad

Picture of menu item.
Or if the restaurant doesn't have one it could be any pic the restaurant wants

Back Add to order

Then the add/remove ingredients screen will look like this, where the user can deselect items they want removed and select the items that they require to be added -

Entrees Mains Desserts Drinks Cart

Steak

Remove

<input checked="" type="checkbox"/>	Ingredient
<input checked="" type="checkbox"/>	Ingredient
<input checked="" type="checkbox"/>	Ingredient
<input checked="" type="checkbox"/>	Ingredient
<input checked="" type="checkbox"/>	Ingredient
<input checked="" type="checkbox"/>	Ingredient
<input checked="" type="checkbox"/>	Ingredient

Add

<input type="checkbox"/>	Ingredient
<input type="checkbox"/>	Ingredient
<input type="checkbox"/>	Ingredient
<input type="checkbox"/>	Ingredient
<input type="checkbox"/>	Ingredient
<input type="checkbox"/>	Ingredient
<input type="checkbox"/>	Ingredient

Picture of menu item.
Or if the restaurant doesn't have one it could be any pic the restaurant wants

Back Add to order

Check out screen example below if cash/eftpos was selected it will display a screen saying Order confirmed please pay at counter upon exit with order number listed. If pay now is selected a screen will display to enter credit card details, after payment is confirmed then a screen will display Order confirmed thank you for payment and the order number will be displayed -

Entrees Mains Desserts Drinks Cart

Item 1 -
side
+ingredient
-ingredient
-ingredient

Item 2 -
side

Item 3 -
side
-ingredient

Order No. xxx
(remember this number to retrieve your order)

Select Payment Option to Continue
Payment Options

Pay at counter

Pay now using credit card

Back Continue Ordering