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CIS 3308

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Tutorial Proposal

The component that I am going to implement for my tutorial is what I will call Menu Companion. This is a tool that could be used for a restaurant website. The basic premise of the component is that it displays a menu. There will be a search bar at the top of the menu which can be used to find a specific item in the menu. Each item on the menu is a modal box. The modal box can be clicked to bring up more information about the specific menu item, such as a description, picture, rating, and price. The modal box will also include an “add to cart” button that will add an object containing the name and price of the item to an array called the cart. The modal box will also include a user rating scorecard that lets a user leave a rating out of 5 stars and shows a description of the total ratings of the item. There will be another button to view your cart. From your cart, there will be an button to check out which will display a list of the items you checked out, calculate a total price, and have options to calculate tip (10%, 15%, 20%.)

For JS event handling, each item in the menu will be clickable. Clicking on an item will call a function to bring up a modal box injected with data on the item. The modal box will contain a button that when clicked will call a function to add the item to an array (the cart). There will be another button on the screen that allows the user to view their cart, which will call a function to display the name of each item and the price to the screen. From the cart, there will be a button to check out. When this button is clicked, it will call a function to list the items in your cart, their prices, and a calculated total and tip.

Links:

https://www.w3schools.com/howto/howto_css_modals.asp

https://www.w3schools.com/howto/howto_css_searchbar.asp

https://www.w3schools.com/howto/howto_css_star_rating.asp