

# Javascript Assignment

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## Plan of App

This will be a single page application. Brian wants to target people that are on the move. The webpage should be incredibly simple allowing for quick ordering. It should have minimal interactions. Customers should be able to enter their details and click buttons to interact with the website.

## Main Image

Main image banner will be of the business logo.

## Customer Form

Customer form to collect details

- Name - text input
- Email - text input
- Number - text input
- Order Time - Clickable Div (I wanted this to be like a pill)

## Order time

The order time here is the most important element to Brian. In other applications that Brian has looked at he hasn't been able to control this part of the application. Further development Brian would like to be able to control the time slots in terms of when the online platform is open, the time intervals that you can order a coffee for and the capacity of orders that can be completed in the time period. For this assignment this is out of scope but once I can create a database and tables and pull from a data source I think we can bring this element in. For now I just wanted to be able to select a time and tie it to an order item. The customer details are always saved down with each product ordered

## List of Products

The page has a list of products that customers can just scroll down through to find the product they want. Each product has its clickable div that will add that product to the order.

Once clicked at the bottom of the products list there is a your order section which lists all the products you've ordered and the price associated to it. With this section there is a remove item button that allows you remove a product from the order if necessary. There is a confirm order button within the section which will populate the confirm order section.

## Confirm Order

Once the confirm button is clicked the total price of the order is populated in a pop up modal.. There is an proceed with order button that is the final step that would push the order to Brian in the Coffee shop. For now it just clears the modal and resets the values.

## Challenges Faced

There were several challenges faced throughout this project. I had to simplify the product data structure so I could loop through the projects to create the div elements. Originally I wanted to create products and attributes and once you clicked a product the attributes would appear in with product div expanding and checkboxes appearing. This is something I will focus on in further development.

I struggle with creating media queries for mobile styling. I need to spend more time on completing this process. I am happy with how the app turned out but I could definitely make it more responsive across type of device. However it does work.

Another area that I would potentially change is I would create an order class and methods for some CRUD operations. This will be implemented in further development.

## Wireframe

