Stores Sales Prediction

Wireframe Document

-Derrick T
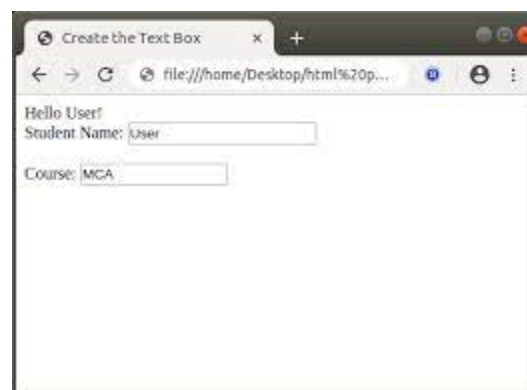
Link for hosted solution(UI For user data and prediction)
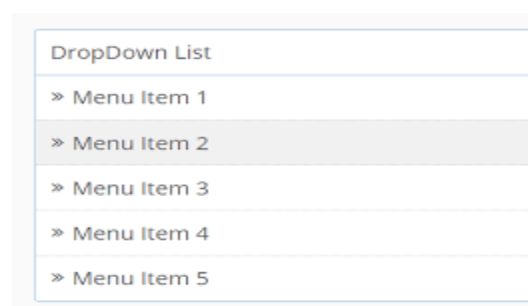
https://storessalesderr6.onrender.com/

The UI developed will consist of only one part of the webpage as it was sufficient for the solution designed. There will be no images.

1. The testing phase of the solution requires user data (unseen data) for the model to work on and generate predictions.
2. To achieve this, a front-end page along with the feature of accepting user input (data) is developed using HTML, CSS and Flask API to establish a connection between the saved models and the entered data.

The webpage design will be minimal with text boxes and dropdown lists to select options and consist of a submit button

HOMEPAGE (INTERFACE PAGE)

First the users would view the input fields when the webpage is displayed.

The user has to enter the data according to the instructions below and the specific units and limits as mentioned in the homepage above each input field.

Item_Weight: Weight of product

Item_Fat_Content: Whether the product is low fat or not

Item_Visibility: The % of total display area of all products in a store allocated to the particular product

Item_Type: The category to which the product belongs

Item_MRP: Maximum Retail Price (list price) of the product

Outlet_Identifier: Unique store ID

Outlet_Establishment_Year: The year in which store was established

Outlet_Size: The size of the store in terms of ground area covered

Outlet_Location_Type: The type of city in which the store is located

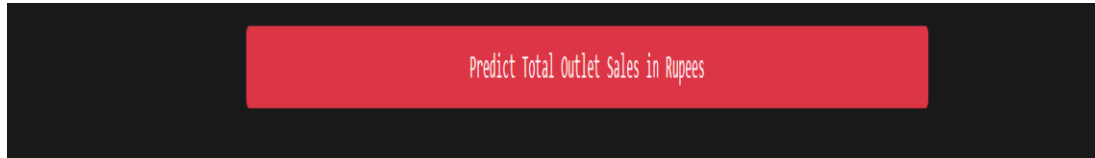Outlet_Type: Whether the outlet is just a grocery store or some sort of supermarket

After entering the above details correctly like the sample image below,

When clicked the 'Predict Total Outlet Sales in Rupees' Button,

Predict Total Outlet Sales in Rupees

The prediction is generated.

```
{
    "Prediction": 821.2709600830078
}
```

The above were the sample images or an idea, the webpage will be made more appealing and developed further.