**Report for Grocery Mart**

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**Features Implemented**

* Provides login feature to the users.
* Retrieve store information such as store name and Address based on Zip code.
* Displays Product list based on category.
* Select an item from the list and add to basket
* Once user completes the item selection, the total price will be computed.
* User can check out after the billing and Invoice will be displayed with a Thank you Message.

Web Services**:**

We have used the following web services in supermarket API

* Service to display the store details based on given Zip Code.
* Display the product list based on selected category.

Database**:**

Our own data model for the following:

* Storing the data entered by the end user such as Zip code
* Save the selected item information.
* Showing the Basket Details by retrieving the information which has been saved.

Mobile User Interface:

* Login Screen will be provided
* User can enter his Zip code and get available store’s Information.
* On selection of a particular store new screen with product categories will be displayed
* User can select any one of the category and get the available items based on it
* On particular item selection, the product will be added to the basket.
* A checkout Screen with all the selected items and pricing information is displayed
* Once the user checks out, a new screen will be displayed with thank you message

**Screenshots of the Features**

**Web Service and Web Site URL’S**

* <http://www.supermarketapi.com/api.asmx?op=StoresByZip>
* <http://www.supermarketapi.com/api.asmx?op=COMMERCIAL_SearchForItem>

**Github**:

**Limitations**

Actual Billing is not implemented.

**References**

* Supermarket API
  + [http://www.supermarketapi.com/](http://www.supermarketapi.com/%20)
* Grocery Server API
  + [http://developer.groceryserver.com/](http://developer.groceryserver.com/%20)
* Android Developer site
  + <http://developer.android.com/>
* Stack Overflow site
  + <http://stackoverflow.com/>