**Class Diagram**



* We will use HashMap structure for the items and orders as it is fast in finding the values like item cost, and sorting is not required.

**GUI Design**

* User will select the item from dropdown list, then enter the quantity, then press “Add Item”. Selected items will be added to a text box.
* When order is done, user press “Show Bill” to show the bill in a different text box.
* When program is closed, it will generate the report specified in the coursework.

**Work Plan**

* Week 5: Anwar will write the code for “Item” and “ItemList”.

Gabi will write the code for “Order” and “OrderList”.

Vimal will design the GUI and its code.

Week 6: Rohit and Vishnu will test the program using Junit.

Week 7: Amend the code if required, and write the group report.