View #1 – Main View

The *Main View* simulates that the user is fetching item data from the Server and display them as a list. The “Checkout” button is invisible while the Shopping Cart is empty.

* Layout(s): *activity\_main.xml, item\_list.xml*
* Controller(s): *MainActivity.java, ItemAdapter.java*
* Model(s): *Item.java, Order.java*
* Database: *ItemData.java, CartManager.java, database.DatabaseHelper.java*

View #2 – Item Detail View

After the user clicks on a specific item from the *Main View*, the selected item data will be passed to *Item Detail View*. The *Item Detail View* will display the selected item’s details and allow the user to input the quantity, then add this order to his/her Shopping Cart. The app will transit to the *Main View* once the order is added.

* Layout(s): *activity\_item\_detail.xml*
* Controller(s): *DisplayItemDetail.java*
* Model(s): *Item.java, Order.java*
* Database: *CartManager.java, database.DatabaseHelper.java*

View #3 – Shopping Cart View

When the user’s Shopping Carts is no longer empty, the “Checkout” button is visible to him/her on the *Main View* and the app will transit to the *Shopping Cart View* when the user clicks on the button. The *Shopping Cart View* is fetching the user’s order data from the local SQLite database and calculate the total cost for him/her.

* Layout(s): *activity\_check\_out.xml, checkout\_list.xml*
* Controller(s): *CheckOut.java, OrderAdapter.java*
* Model(s): *Item.java, Order.java*
* Database: *ItemData.java, CartManager.java, database.DatabaseHelper.java*

View #4 – Shipping Info View

From the *Shopping Cart View*, the user can click the “Next” button to transit to the *Shipping Info View* to enter his/her shipping information. The *Shipping Info View* simulates that the user is sending all the order details along with his/her shipping information to the Server. Once the user clicks on the “Confirm” button, the local SQLite database will delete all the stored data (since his/her Shopping Cart supposed to be empty after submission) and transit to the *Main View.*

* Layout(s): *activity\_shipping\_detail.xml*
* Controller(s): *ShippingDetail.java*
* Model(s): *ShippingInfo.java*