About My Android App

My Android App, which simply goes by the name "Shopping", is an application that integrates the idea of making a shopping list for the store with the idea of an Inventory for all the products that one buys regularly. In order to set up the app to be used, the user must create an inventory for all of their grocery shopping needs by inputting all of their items into the app. Each item has 4 main pieces of information about the item: the Item Name, the Category it should be listed under, the Brand/Type of the item, and the Store or Stores that it can be bought at. Once all of the items are entered into the system, there are 3 Status tags that items can be designated as. Those are "In Stock", "Needed", and "Paused". In Stock is for items that the user has in their Inventory and that aren't needed from the store. Items that are both In Stock and Needed should simply be designated as Needed. Needed is for items that need to be bought from the store. Those items will be added to the Shopping List, which can then be viewed By Category or By Store. There is also a 3rd category that I added, which I called "Paused". This is for items that are neither "In Stock" or "Needed", but that the user wants to include in the Inventory because they are sometimes needed. Use of the application revolves around 3 tasks: setting up or updating the Inventory, going through the inventory to mark the status of items, and then using the shopping list at the store to mark Needed items as In Stock as soon as they are bought or added to the shopping cart. The next several pages show what the Graphical User Interface for my program would look like.