

The Item table will serve to hold an items upc, name, and quantity. When a user uses the add feature in the application, this is the table that will be either have a new item added or the row with the corresponding upc will have the quantity updated.

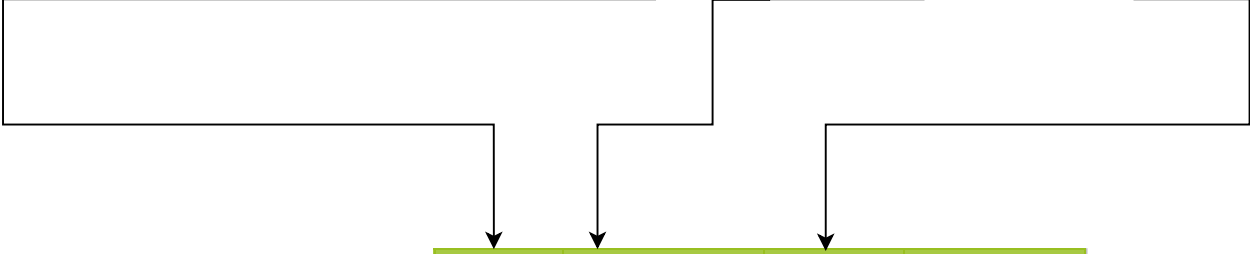
ID	UPC	Quantity	Name
0	123412341234	1	Cheese
1	123412341235	123	Bread
2	123412341236	5423	Eggs
3	123412341237	45	Bacon

The location table will store the locations that have been preset. This will eliminate the chance of mistypes for locations. For example, the user would type down instead of Down.

ID	Location
0	Down
1	Up
2	Left
3	Right

The user table will be used to store the name and admin privileges of a user. This will allow help keep track of how each user is utilizing the app and which users can add locations/users.

ID	User	Admin
0	Fred	0
1	Kevin	1
2	Donna	0
3	James	0



ITEM_ID	LOCATION_ID	USER_ID	TIME/DATE
3	1	2	JAN21 10:00
2	3	3	JAN21 10:01
1	3	0	JAN21 10:02
6	2	1	JAN21 10:03

This table will store the item id, location id, user id, and time/date. When an item is updated the row where the item id and location id match the query, the user id and time/date will be updated. The time date will allow the home screen to easily display the most recent results.