Design Document

for the

What's In My Kitchen?

mobile application

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Re-buying groceries due to forgetfulness

Anyone who buys groceries
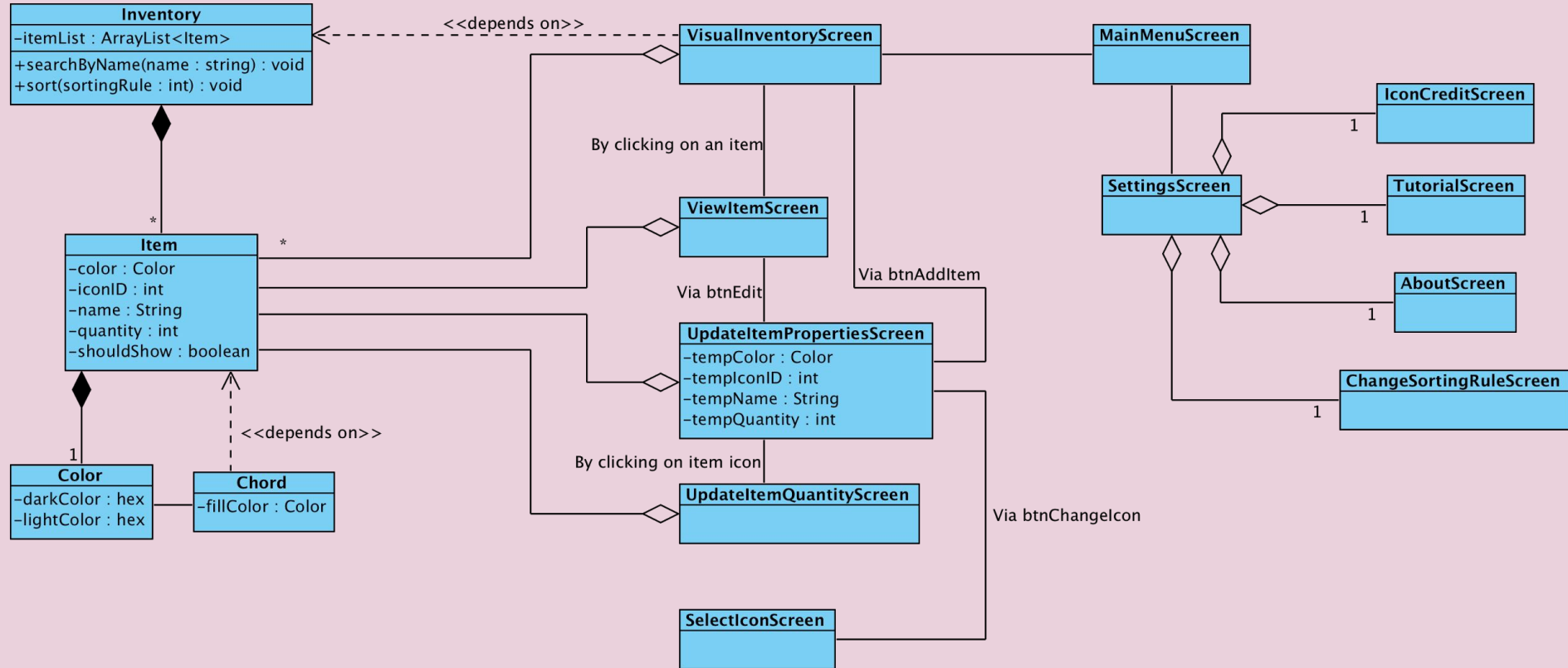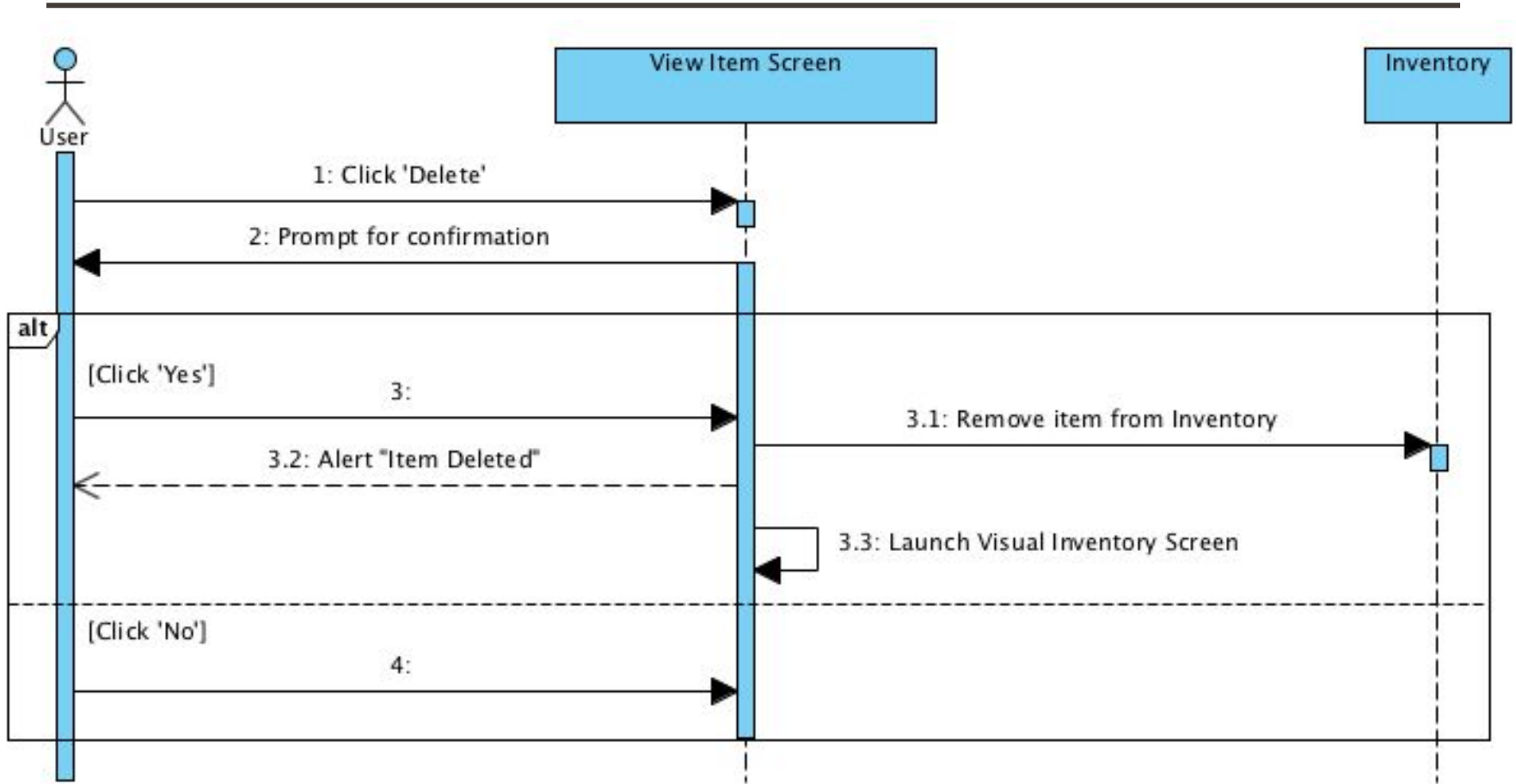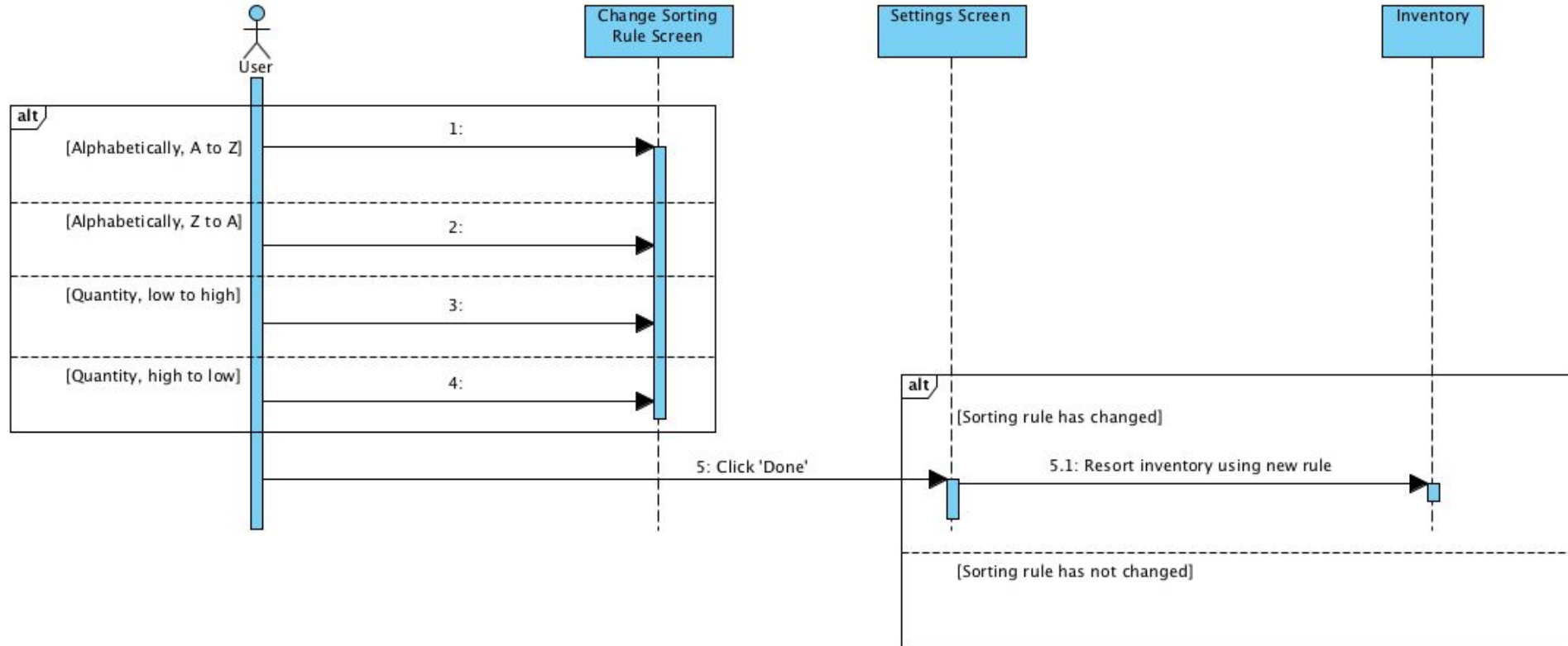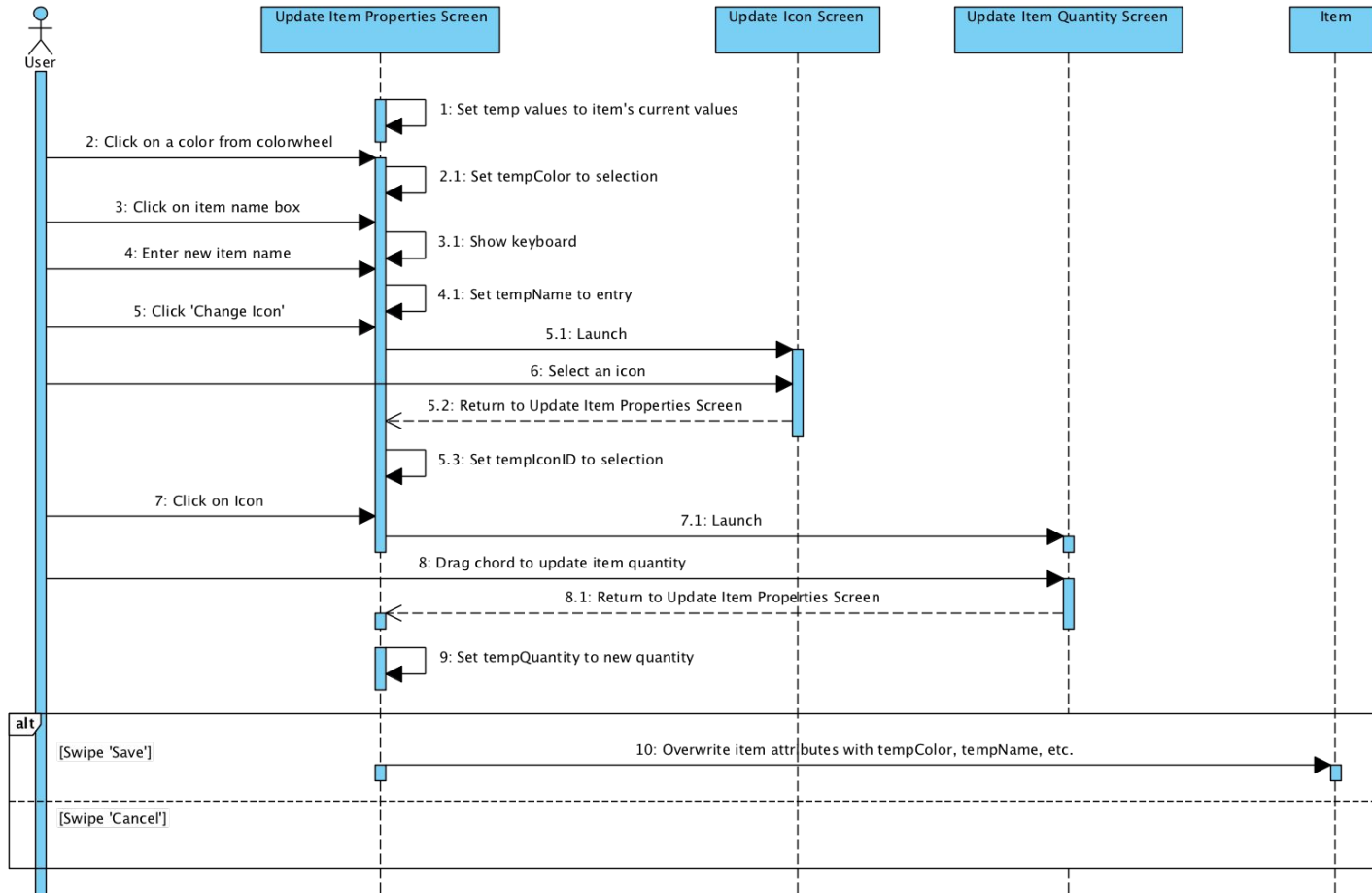
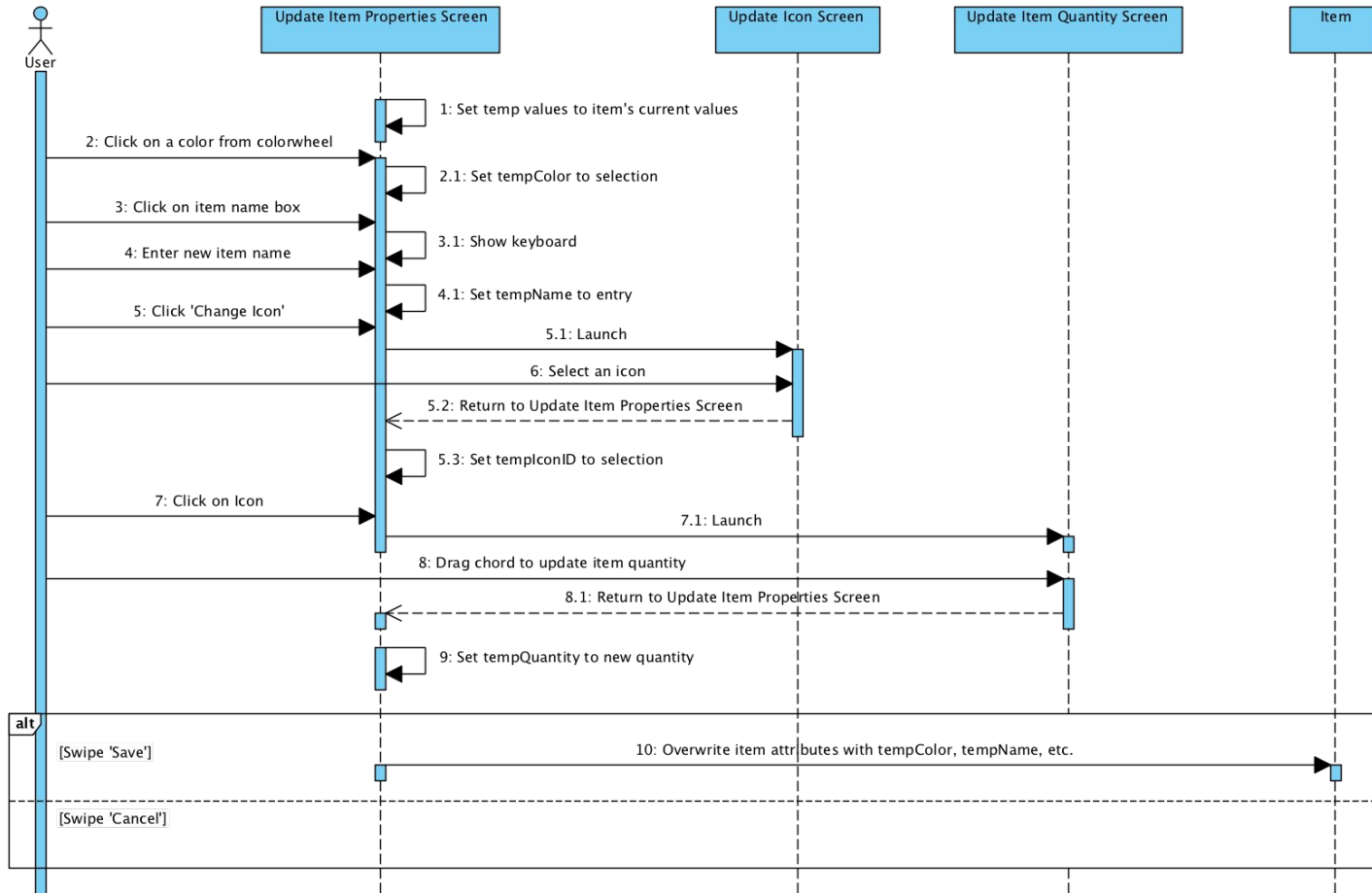# Detailed Class Diagram

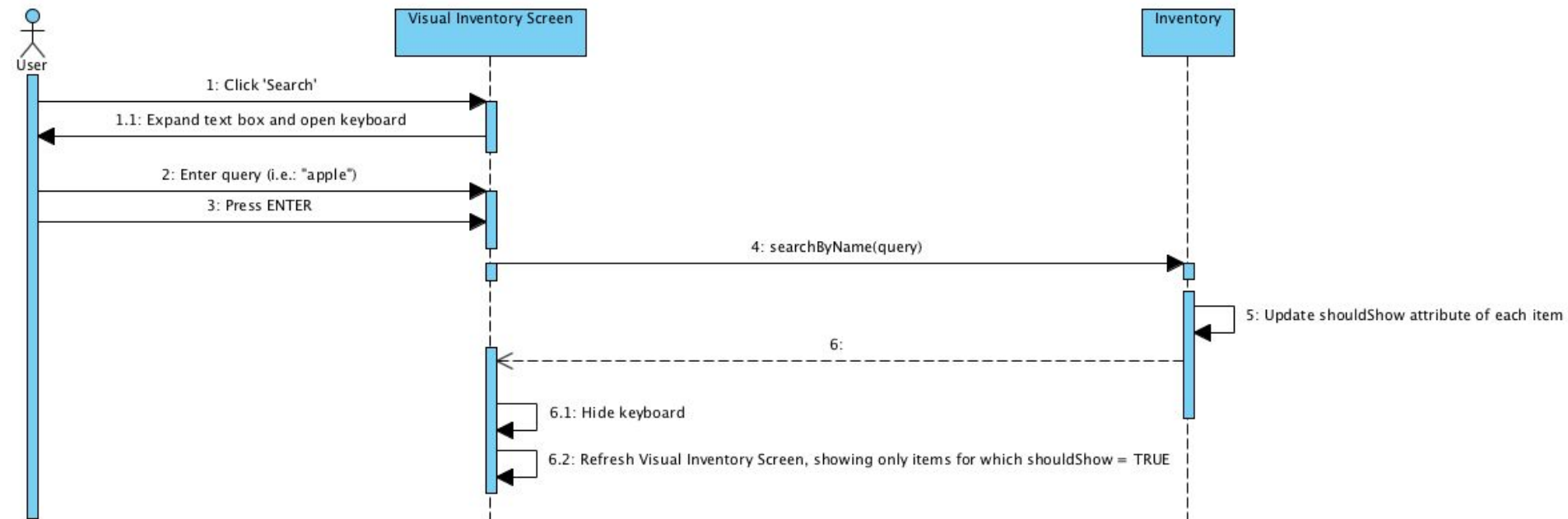# Sequence Diagrams

Delete Item

Change Sorting Rule

Update Item Properties

Add Item

User

Update Item Properties Screen

Update Icon Screen

Update Item Quantity Screen

Item

1: Set temp values to item's current values

2: Click on a color from colorwheel

2.1: Set tempColor to selection

3: Click on item name box

3.1: Show keyboard

4: Enter new item name

4.1: Set tempName to entry

5: Click 'Change Icon'

5.1: Launch

6: Select an icon

5.2: Return to Update Item Properties Screen

5.3: Set tempIconID to selection

7: Click on Icon

7.1: Launch

8: Drag chord to update item quantity

8.1: Return to Update Item Properties Screen

9: Set tempQuantity to new quantity

alt

[Swipe 'Save']

10: Overwrite item attributes with tempColor, tempName, etc.

[Swipe 'Cancel']

Search for Item by Name

What's Changed

Adding an item 口 Updating an item

~~List Inventory~~

View item screen

Update item quantity 口 Update item properties