Bruse Items

```
  ○
 _|_         :: main Menu      [ Items Menu ]
  |
 / \
user
        select "ITEMS"
      ──────────────────▶  ┌─┐    displayItems()
      ┌─┐                  │ │ ──────────────▶ ┌─┐
      │ │                  │ │                 │ │
      └─┘                  └─┘                 └─┘
                                displayOptions()
                           ┌─┐ ──────────────▶ ┌─┐
                           │ │                 │ │
                           └─┘ ◀─ ─ ─ ─ ─      └─┘
```

Add New Item

user

: mainMenu

: ItemsMenu

: Inventory

select "ITEMS"

display Items()

display Options()

Select add (name, quants, category, note)

addNewItem (name, quants, category, note, categoryIndex)

new

item : Item

update

Edit Item

user

: mainMenu

: Items Menu

: Inventory

item : Item

select "ITEMS"

display Items()

display Options()

Select edit (name)

edit Item (name, quants, category, note, itemIndex, categoryIndex)

edit

update

Delete Item

Delete Item — UML Sequence Diagram

- user
- : main Menu
- : Items Menu
- : Inventory

- select "ITEMS"
- display Items()
- display Options()
- select deleteItem(name)
- deleteItem(itemIndex)
- update

Search Item by name

user

: main Menu

Items Menu

select "ITEMS"

display Items()

display Options()

select Search(name)

display Search()

Browse Categories

: main Menu

Categories Menu

user

Select "CATEGORY"

display Categories ()

display Options ()

Add New Category

user

: main Menu

Categories Menu

Inventory

Select "CATEGORIES"

displayCategories()

displayOptions()

Select add (name, notes)

addNewCategory (name, notes)

new

c : Category

update

Edit Category

user

: main Menu
: Categories Menu
: Inventory
c : Category

select "Edit Category" (name)

edit()

edit Category (name, note, Category Index)

edit

update

Delete Category

:mainMenu

:categoriesMenu

:Inventory

User

select "Delete Category" (name)

deleteCategory()

deleteCategory (categoryIndex)

update

User

:mainMenu

:categorisMenu

View all items in (Category)

Select "View items in Category" (name)

display ViewItem()