User

- Username
- Password

- Item
- UserManager

Item

- ID
- Item Info (SenderName, SenderNumber, ReceiverName, ReceiverNumber, Description)
- Location
- Username
- StorageRequirement
- Fee

- User
- Locker
- Refrigerator
- Freezer
- ItemManager

Interface
Container
Locker, Freezer, Refrigerator

- get capacity
- get number of Items
- get vacancy
- get LocationMap (Location, T/F)

Container
Locker

- get capacity
- get number of Items
- get vacancy
- get LocationMap (Location, T/F)

Refrigerator	Container
• get capacity • get number of Items • get vacancy • get LocationMap (Location, T/F)	

Freezer	Container
• get capacity • get number of Items • get vacancy • get LocationMap (Location, T/F)	

Use Cases:

ItemManager	
• Add item • Remove item • Search Item • Get StorageTime	• User • Item • Locker • Refrigerator • Freezer • PickupSystem

UserManager	
• User Register • Lookup user • Record user • Get UserMap (Username, User) • Get UserItemMap (Username, Item list)	• User • Item • PickupSystem

PickupSystem

• Create UserManager • Create ItemManager • User Login • User Logout • Pickup • Store Item	• UserManager • ItemManager • LoginUI • OperationUI

OperationUI

• Take inputs from user • Provide feedback • Call controller to do the operations	• PickupSystem

LoginUI

• Prompt user to login • Provide feedback • Call controller to login	• PickupSystem