

YALA

A Shopping List App

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The problem of	forgetting items at the store
affects	people who shop
the impact of which is	wasted time
a successful solution	a list management application

Problem Statement: We need an automated way to keep track of lists and item inventory.

We will create a system that allows us to do this.

Our Solution

System Features / Functional Requirements

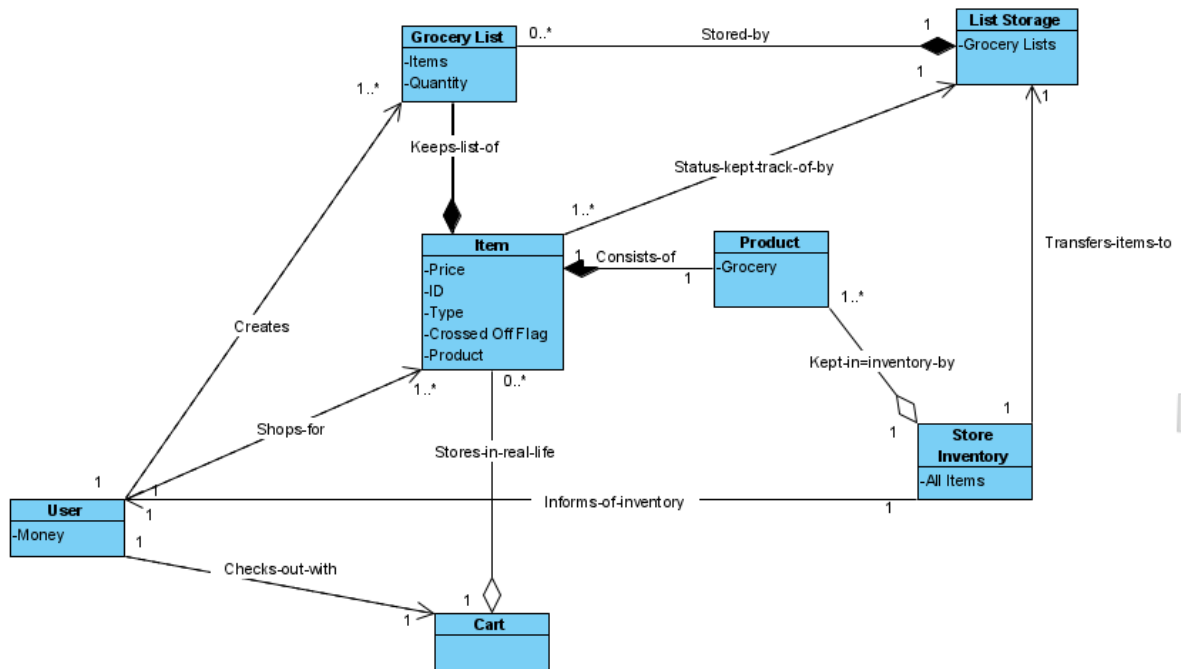
- Create List
- Search Items of Store Directories
- Add Item
- Crossing Off Item
- Uncross Item
- Removing Item
- Copy List
- Delete List
- Copy/Transfer an Item

File Management and Ticketing System

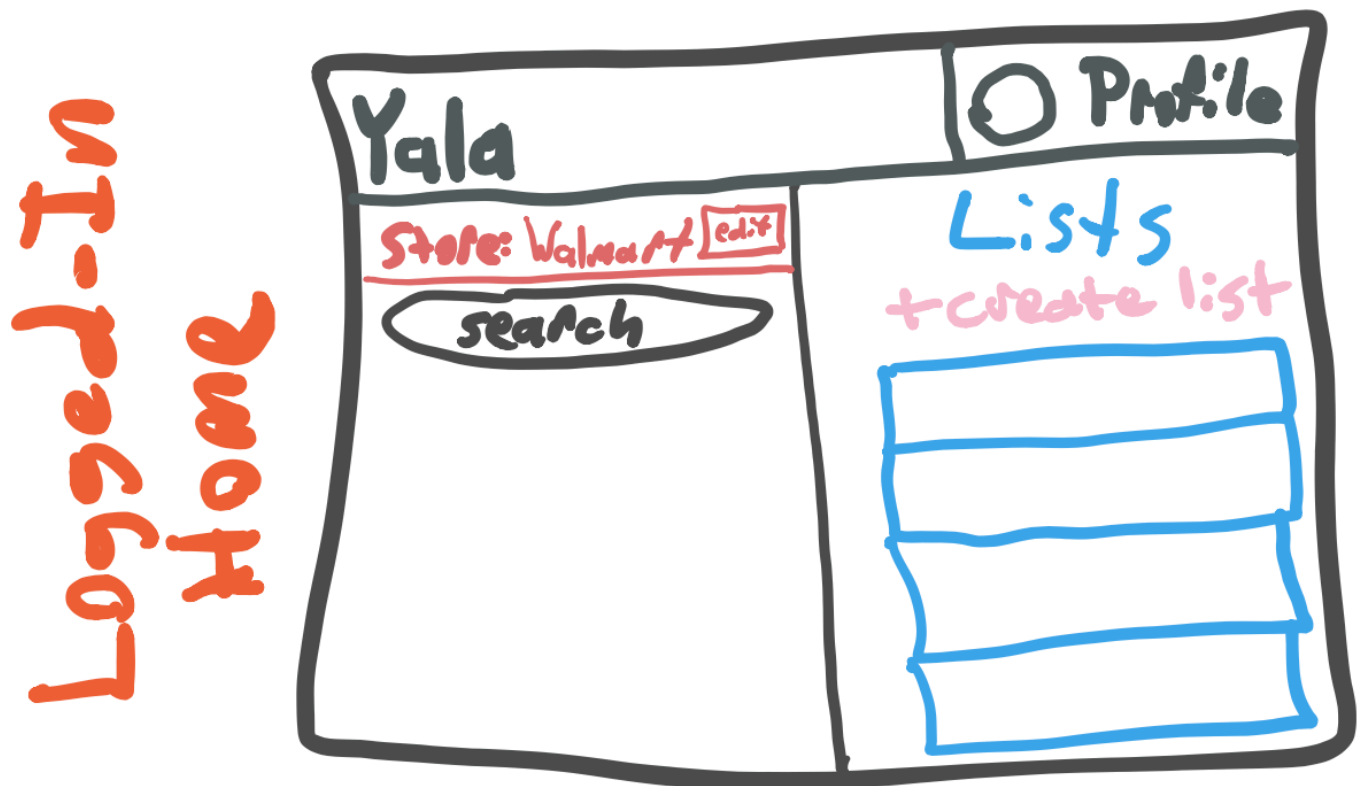
<https://github.com/jake-allen/YALA>

<https://trello.com/b/8JTgqSMS/yala>

Classes Relationships Within Our System



Rough Sketch of Functionality



List View

Yala		O Profile	
List: ListName		Store: Target <input type="button" value="edit"/>	
Items		<div>search</div> <div>... +</div> <div>... +</div> <div>... +</div>	
Select	Add	Delete	Duplicate

Item View

Yala		O Profile	
Item: Apple		List: ListName	
<div></div>		<div>~ ~ ~ ~</div> <div>~ ~ ~ ~</div> <div>~ ~ ~ ~</div> <div>~ ~ ~ ~</div>	
Add		Delete	

Definitions

Name	Definition
System	Grocery Store Application
Item	The stored data on the grocery item - includes price, ID, name, etc.
Product	The physical manifestation of the item; placed in the user's cart in real life, contains all attributes of item