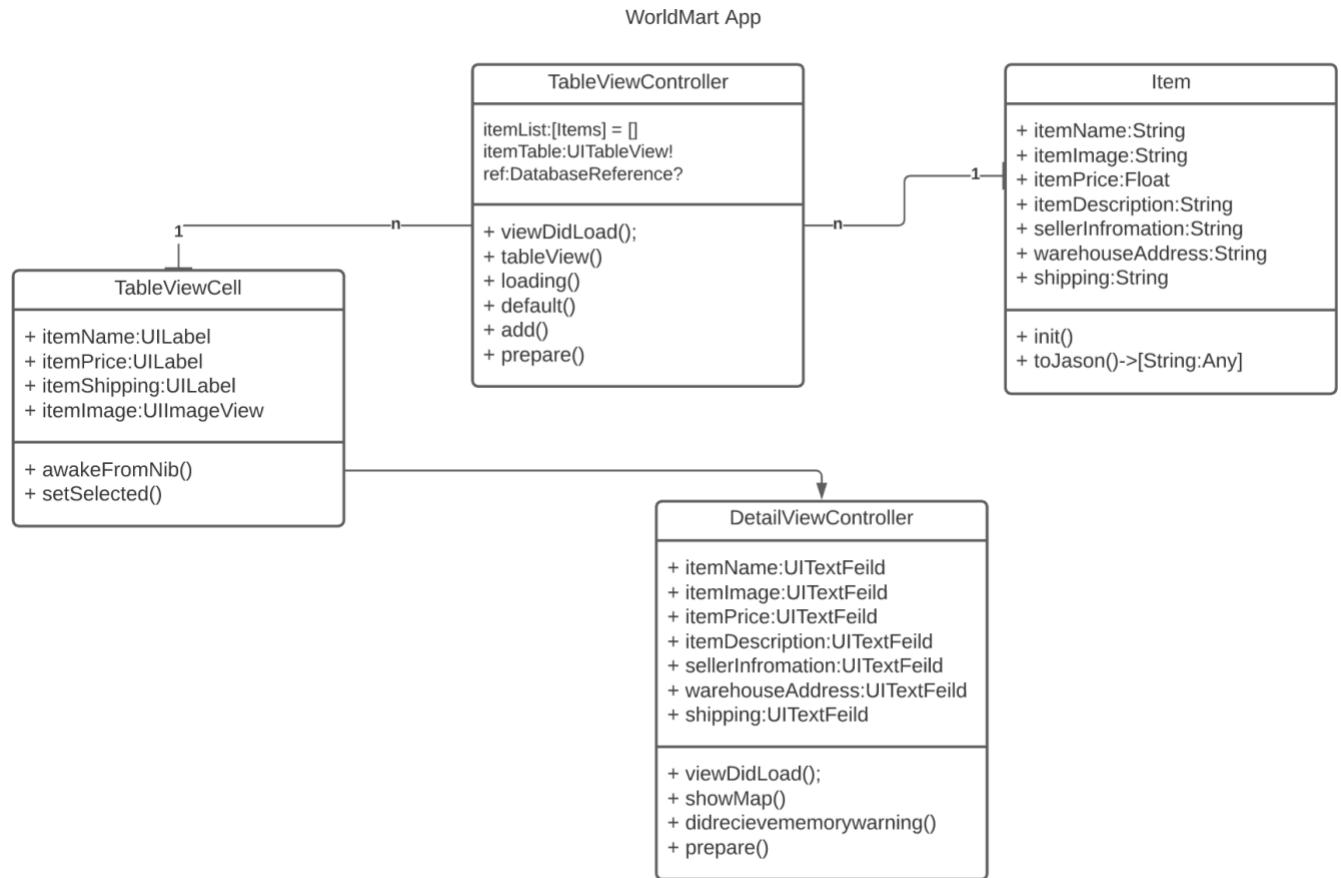


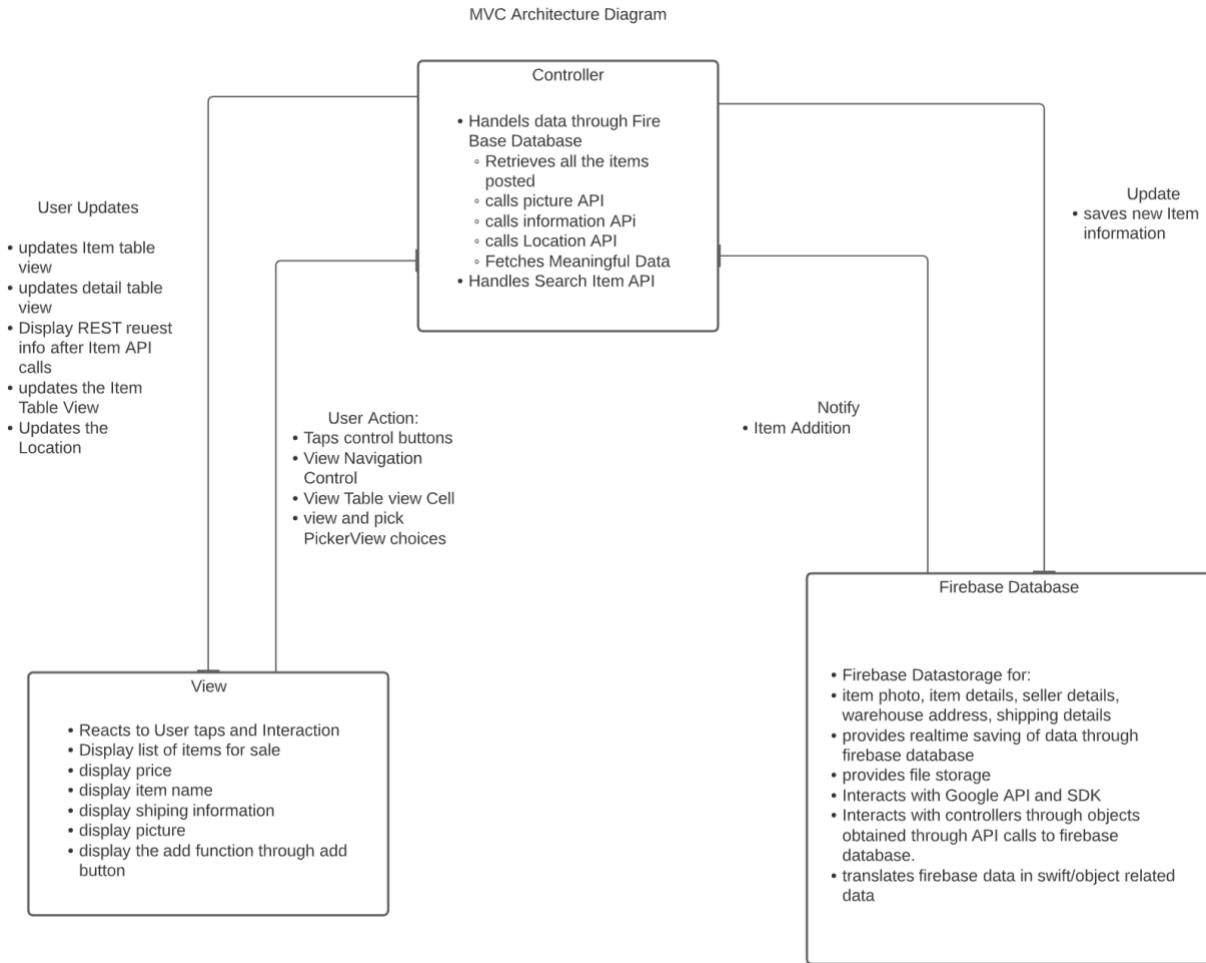
# CSE 335 Project Phase III

## WorldMart App

### Class Diagram



# MVC Architecture Diagram



## Presentation

Link to the Video - <https://youtu.be/dCIYxrlwkms>



# World Mart

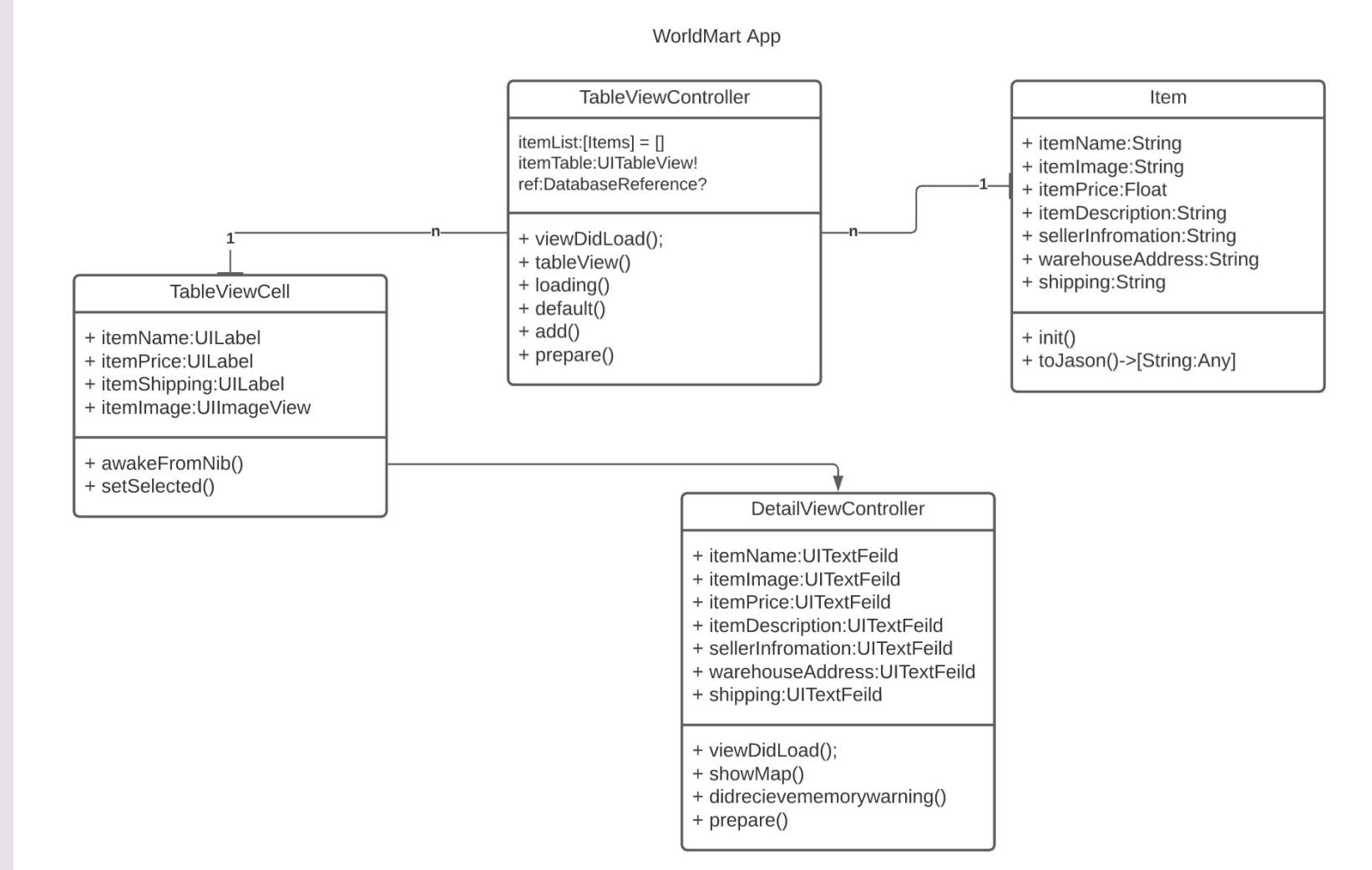
By – Raghav Aggarwal



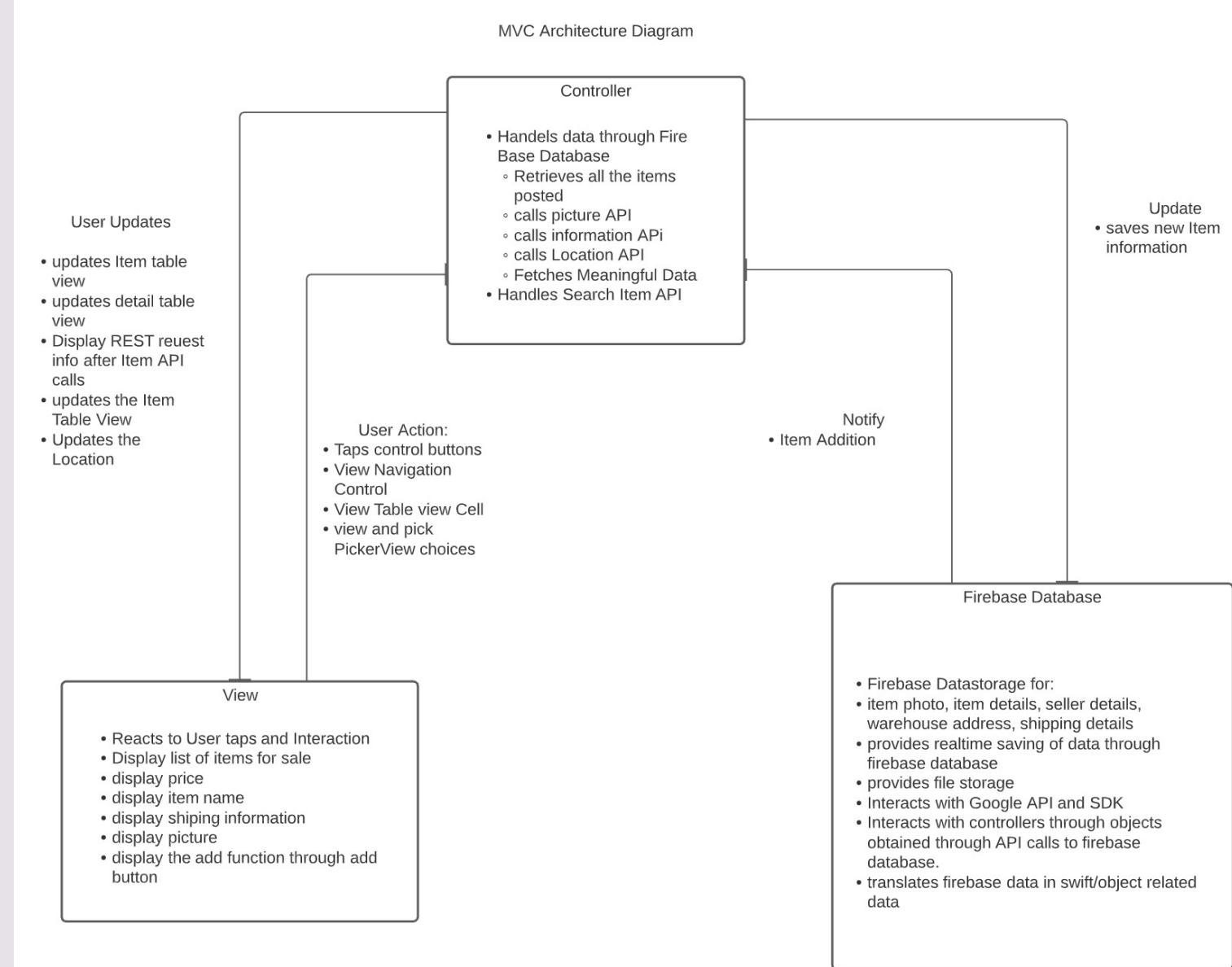
# Project Idea

- + An app that enables business to bulk buy items directly through Wholesaler or Manufacturers
- + Allows business to easily see the location of warehouse
  - + Helping in transportation and related costs
  - + Helps in taxation
- + Enables small businesses to expand faster as they can buy cheap products from all around the world at their own terms.

# Class Diagram

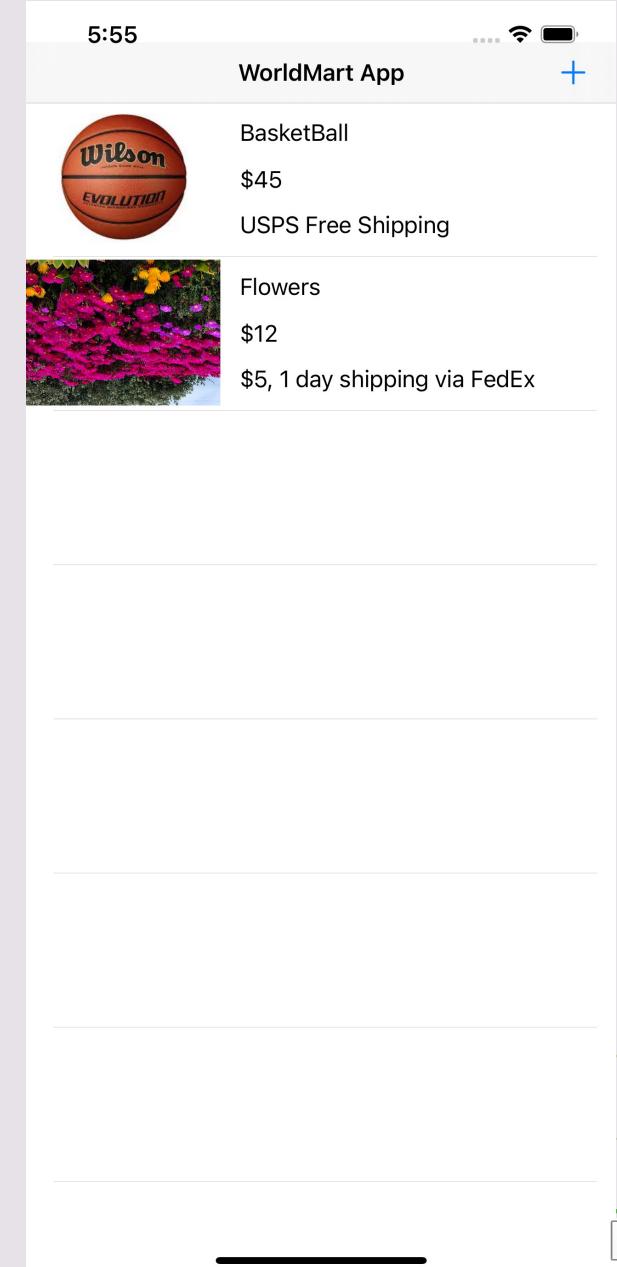


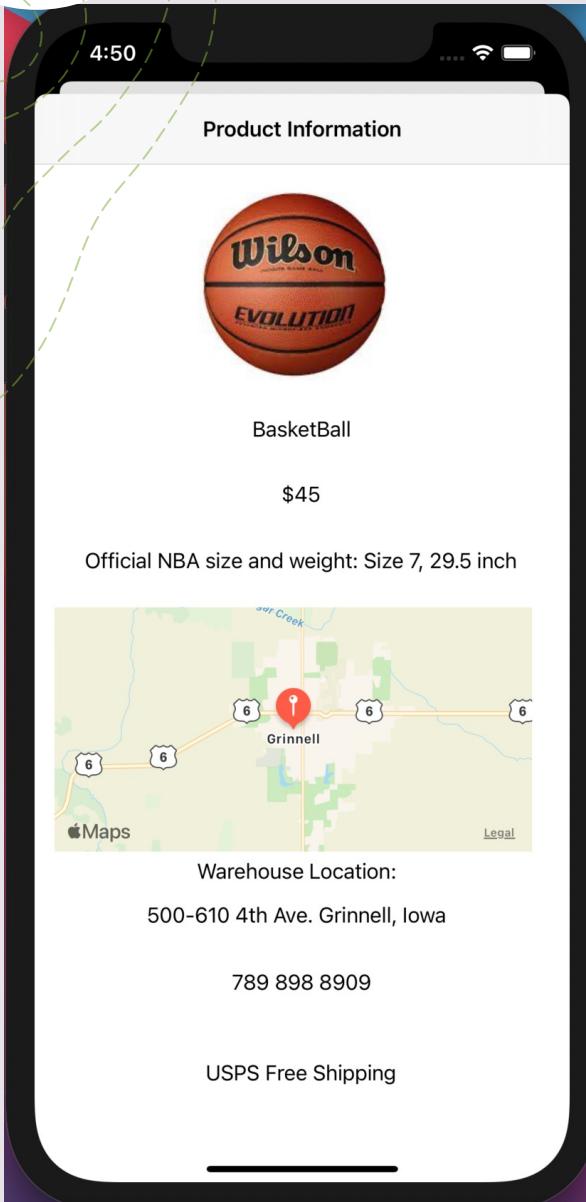
# MVC Architecture Diagram



# Capabilities

- + Items available for sale are listed in a table view.
- + Picture of the item, its price and shipping details can be seen.



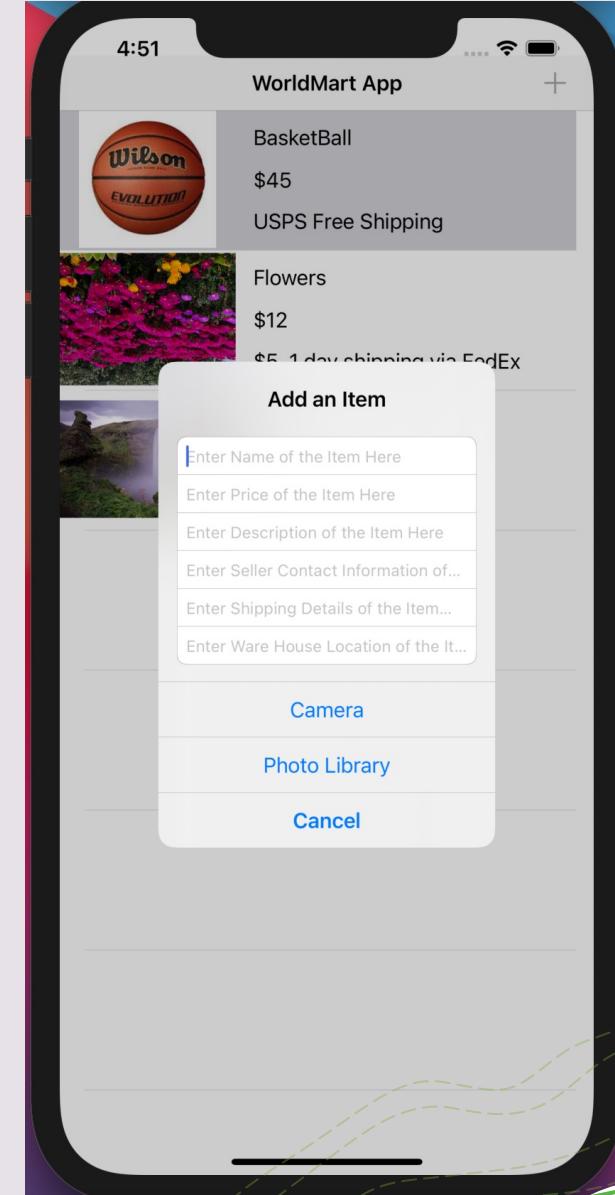


# Capabilities

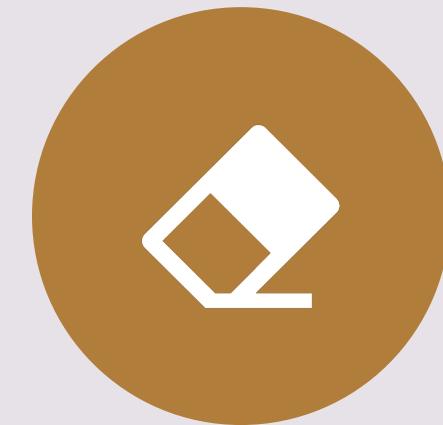
- + If an item is selected, a new page with all the information of the object will be opened up.
- + This includes the name of the object, its price, description, location of the ware-house and contact information of the seller.
- + The bonus is that user gets a map view of the warehouse so that he can exactly see where he will be getting his shipment and can estimate his taxes and shipping if he wants to arrange it by himself.

# Capabilities

- + The Add an Item function is available at the Home screen and all user can directly access it to add an item.
- + Just fill in the information and choose an appropriate picture and your item will be posted.



# Limitations



FOR NOW THAT DATA IS ONLY SAVED TO A DEVICE, CLOUD STORAGE STILL NEEDS TO BE IMPLEMENTED.

DELETE AN ITEM FUNCTION IS NOT AVAILABLE YET.

EDIT AN ITEM FUNCTION IS ALSO NOT AVAILABLE.

# Lessons Learned

How to update entities in real time

How to design an app based on given Idea, incorporating all the needs of the user

Use MVC to design the application

# Suggestion for Improvements

Firebase and Core Data are the most important parameters for any app, it would be really great if they were taught in more depth.

Please teach about styling an app. Because we learned to make an app but not how to style it and make it good enough that it can be qualified to be put on app store.

I would like to have learned about SpriteKit.