



**DYSP**

*Digital Yard Sale Platform*

# DYSP→ DIGITAL YARD SALE PLATFORM

NIKHIL SHARMA

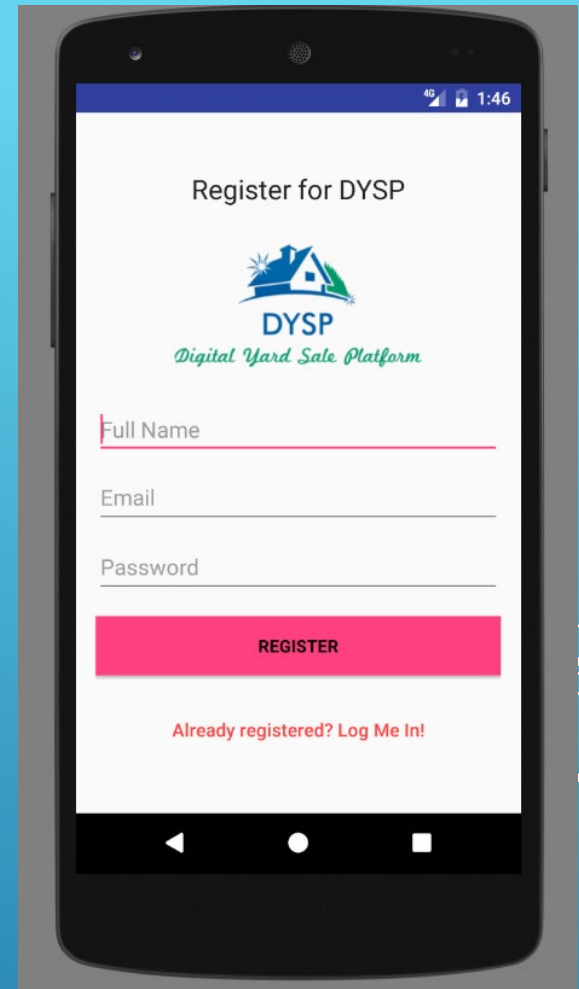


## SCENARIO

- ▶ **Garage Sales are not an easy task...**
  - ▶ **97%** of customers at modern yard-sales **leave within 2 minutes** if they do not like the first few items
  - ▶ Online commercial retailers such as EBay and Amazon are replacing garage/yard sales
- ▶ **Attending FBLA Nationals is not cheap...**
  - ▶ The cost of a non-stop flight from TPA to LAX is **at least \$600** round-trip
  - ▶ With additional living and travel expenses, the total cost of FBLA NLC could be **\$800+**



- ▶ DYSP allows users to easily sell their unwanted items, quickly raise funds to support trips to FBLA State or National Conferences.
- ▶ DYSP marries convenience of digital sales with sense of community in FBLA.
- ▶ DYSP's differentiating factor is its extensive features available out-of-the-box and constant expansion and upgrades.

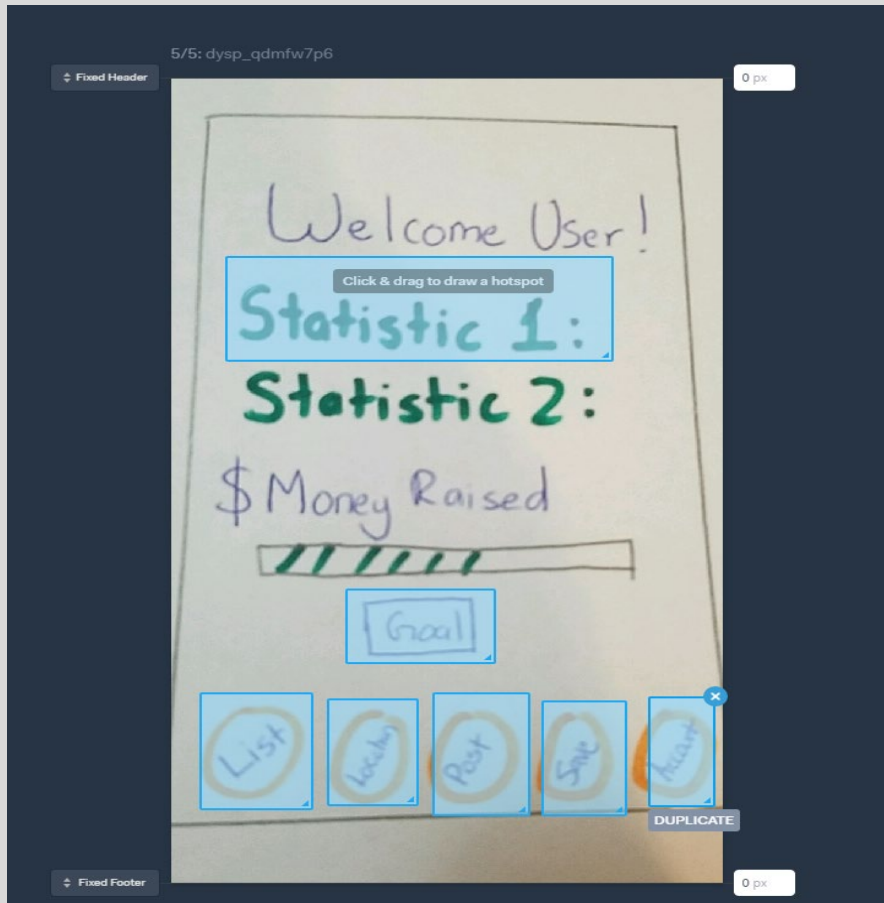


# DYSP: DIGITAL YARD SALE PLATFORM

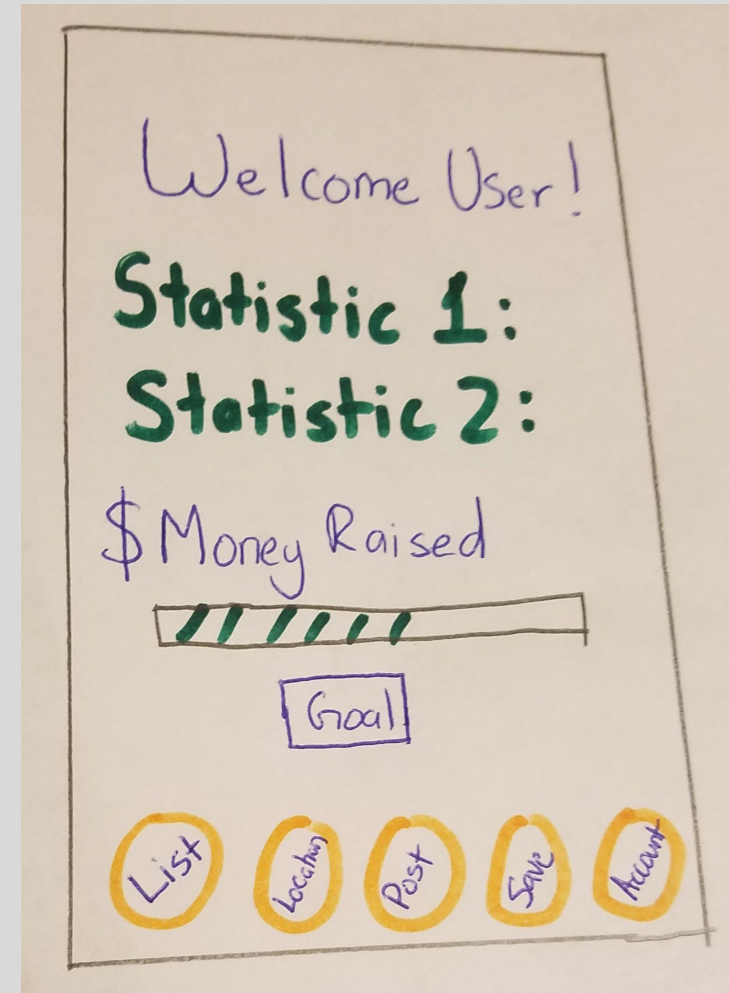
- ▶ Used Paper Prototyping to design initial screens with limited functionalities
- ▶ Simple Design for User satisfaction
- ▶ All features can be reached with 3 or less touches from Home Screen
- ▶ Eye-catching color scheme to ensure that users find important features easily accessible
- ▶ Only include features that the user can easily access, and will frequently use.
- ▶ While our initial product is on Android, we have designs with limited functionality for Apple and Windows as well

## PLANNING AND DESIGNING THE APP

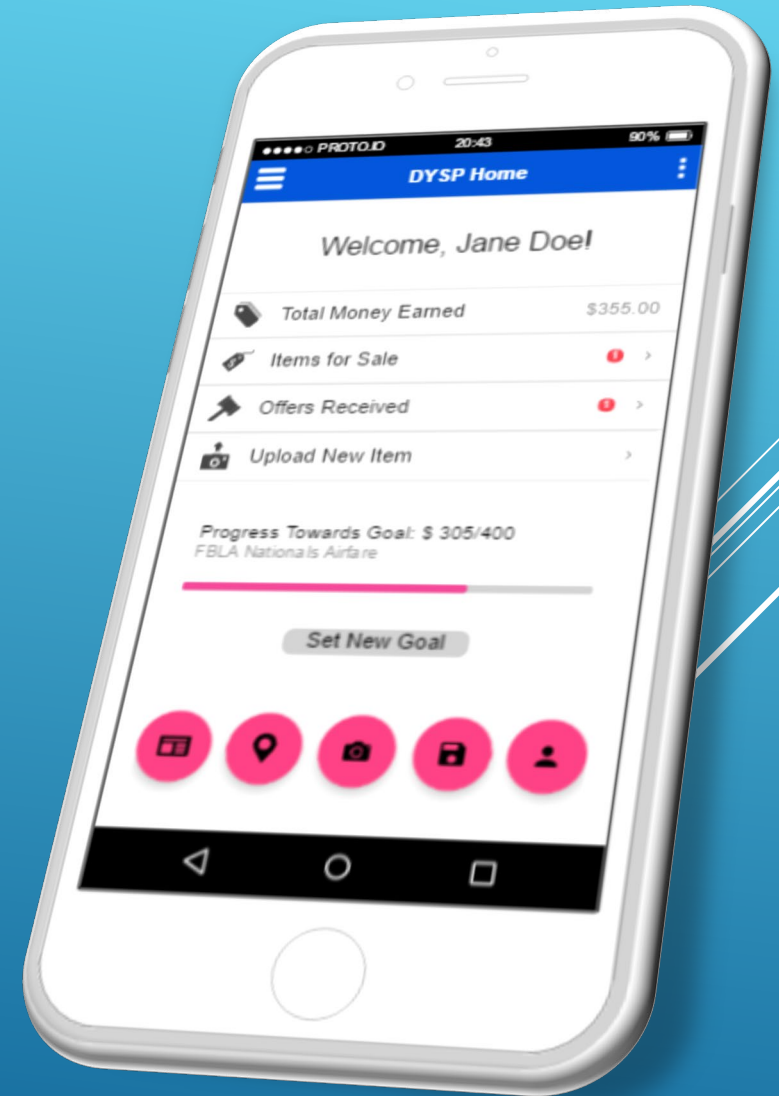
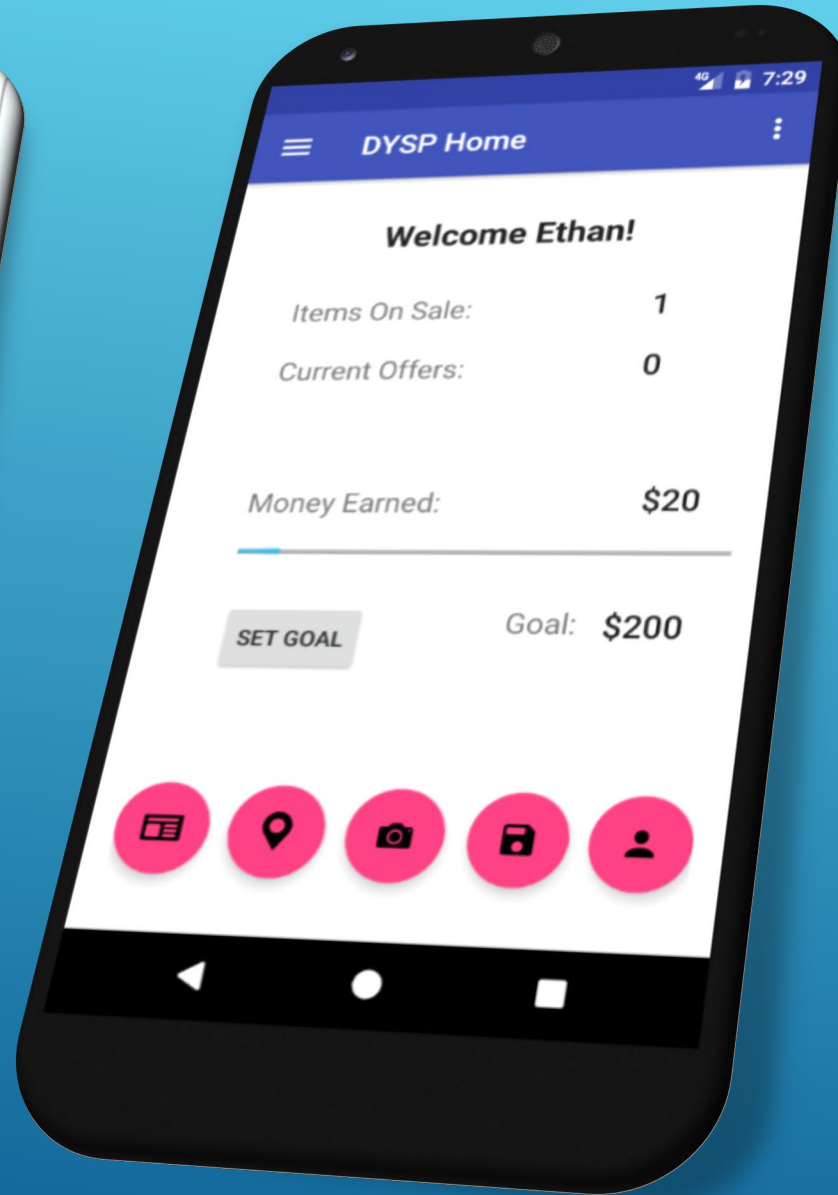
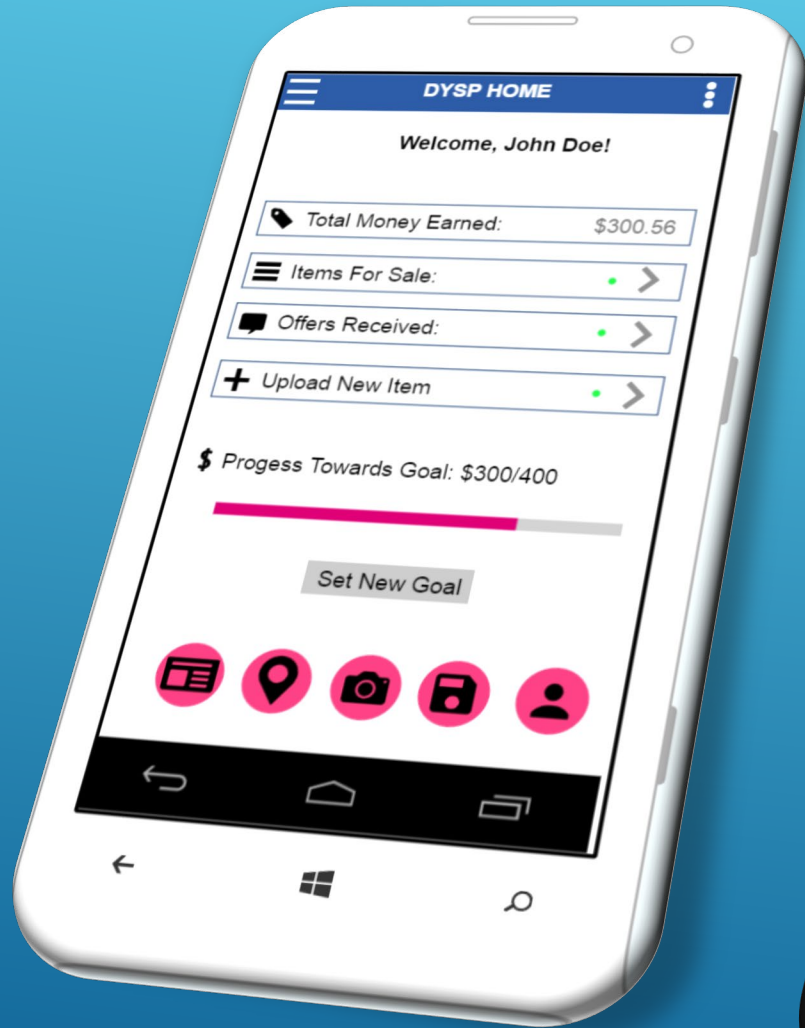
## Paper Prototyping



## Original Copy

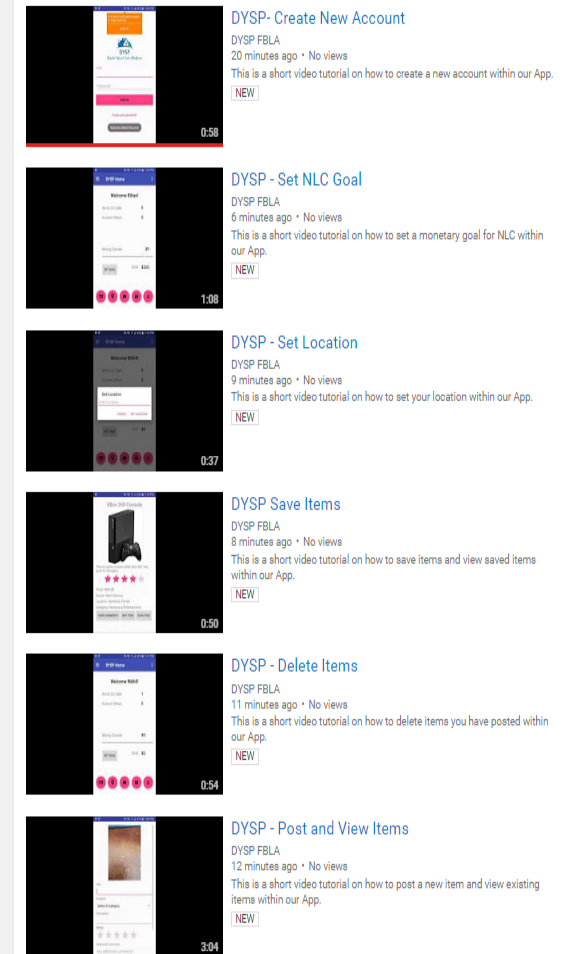






- ▶ Short Tutorials located on DYSP YouTube Channel
- ▶ GitHub Repository contains updated ReadMe with each update
- ▶ Code updates will be commented with **Review Board**
- ▶ **Firestore Database** offers extensive documentation online

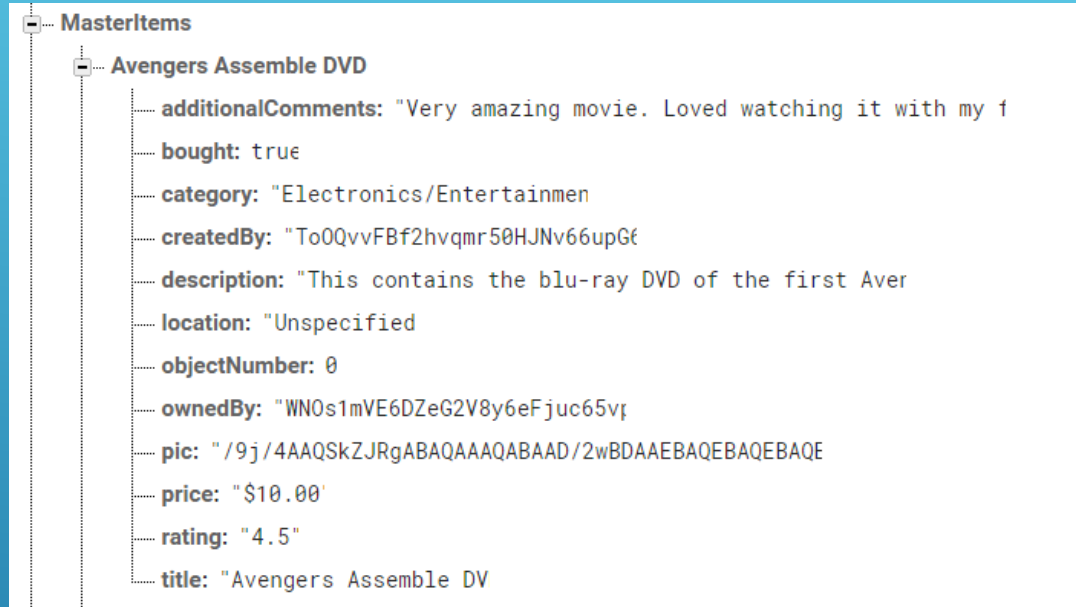
# DOCUMENTATION OF APP



The screenshot displays a YouTube channel page for 'DYSP FB LA'. It features a list of seven short tutorial videos, each with a thumbnail, title, description, and a 'NEW' badge. The videos are as follows:

- DYSP- Create New Account**  
DYSP FB LA  
20 minutes ago • No views  
This is a short video tutorial on how to create a new account within our App.  
0:58
- DYSP - Set NLC Goal**  
DYSP FB LA  
6 minutes ago • No views  
This is a short video tutorial on how to set a monetary goal for NLC within our App.  
1:08
- DYSP - Set Location**  
DYSP FB LA  
9 minutes ago • No views  
This is a short video tutorial on how to set your location within our App.  
0:37
- DYSP Save Items**  
DYSP FB LA  
8 minutes ago • No views  
This is a short video tutorial on how to save items and view saved items within our App.  
0:50
- DYSP - Delete Items**  
DYSP FB LA  
11 minutes ago • No views  
This is a short video tutorial on how to delete items you have posted within our App.  
0:54
- DYSP - Post and View Items**  
DYSP FB LA  
12 minutes ago • No views  
This is a short video tutorial on how to post a new item and view existing items within our App.  
3:04

- ▶ **Input:** User adds unwanted or unused items to added for sale
- ▶ User input gets stored as Item (Custom Java Object) on Firebase




- ▶ **Output:** User can view list of items available for sale.
- ▶ Upon selecting item to view, Item data gets queried from Firebase

# INPUT/OUTPUT/PARAMETERS



4G 9:42




Title:

Category:  
Select A Category ▼

Description:

Rating:  




Additional Comments:  
Any additional comments?

Suggested Price:  
\$


SUBMIT ITEM

4G 9:41

nice baseball book



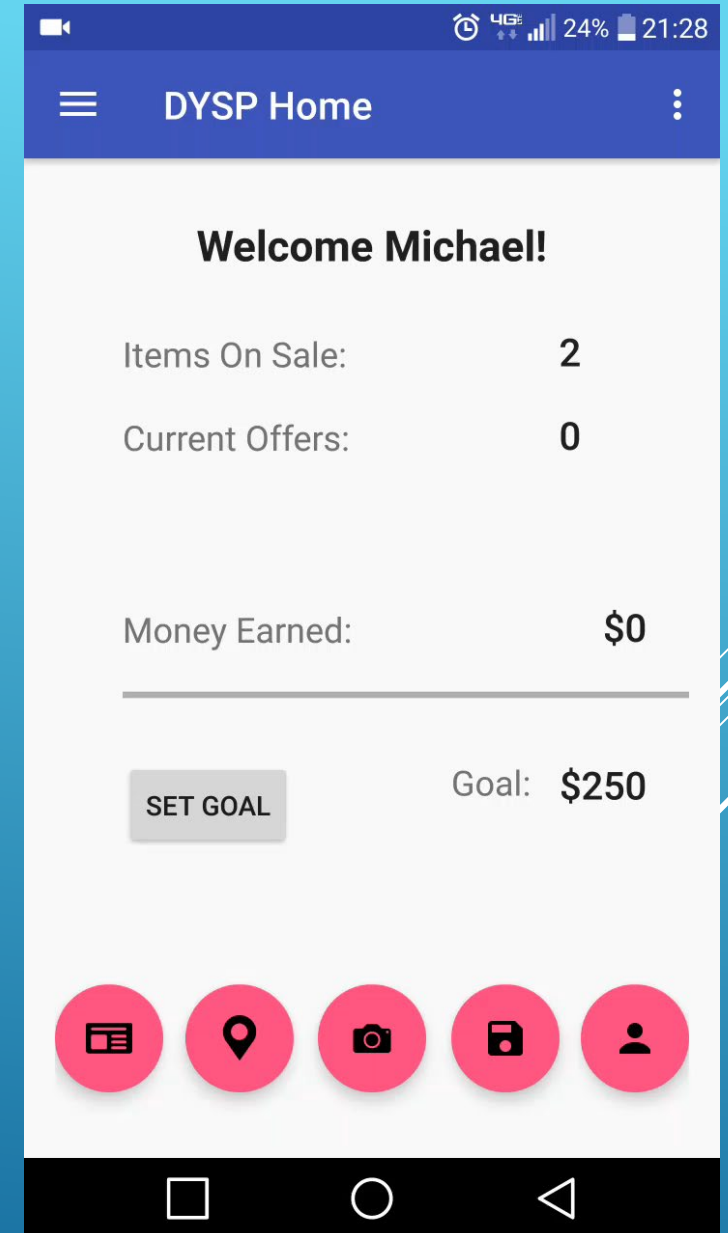
Great book. few years old.  



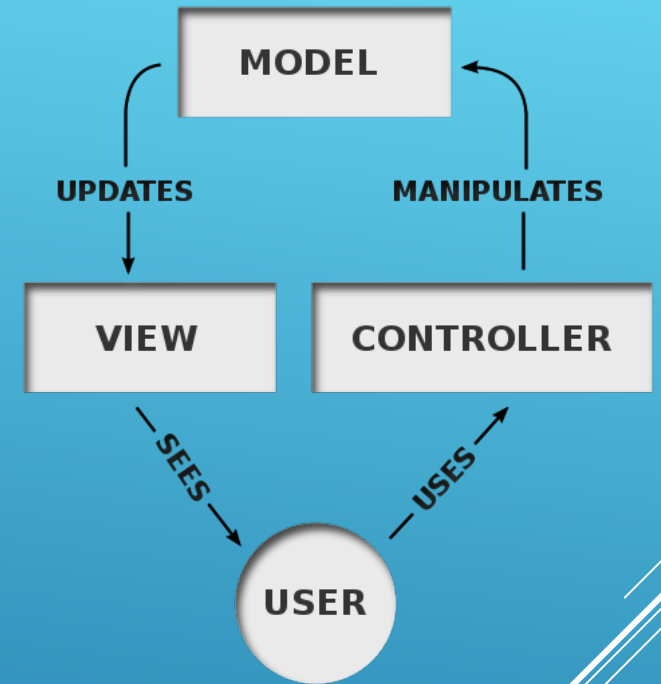
Price: \$10.00  
Owner: Michael Froid  
Location: Gulfport

- The user may change their needs to fit their personal situation
- View items listed for sale in an easy to read feed
- View items in a more comprehensive view
  - Leave comments, and see responses from the items owner
- Set a location, ranging from city to exact address, depending on the users privacy concerns
- Easily upload your own item
  - Take an image from within the app
  - Or upload an existing image
- Integrate your account with Facebook, to easily share and generate interest in your items

# APPLICATION FLOW



- ▶ Our app utilizes an Model - View - Controller (MVC) focused approach to application structure.
- ▶ Our code is structured so that the MVC elements are separate. This allows for easier editing and debugging.
- ▶ Each page is designed to provide the user with all pertinent and appropriate information, in an easy to understand way



# APPLICATION STRUCTURE



DYSP

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