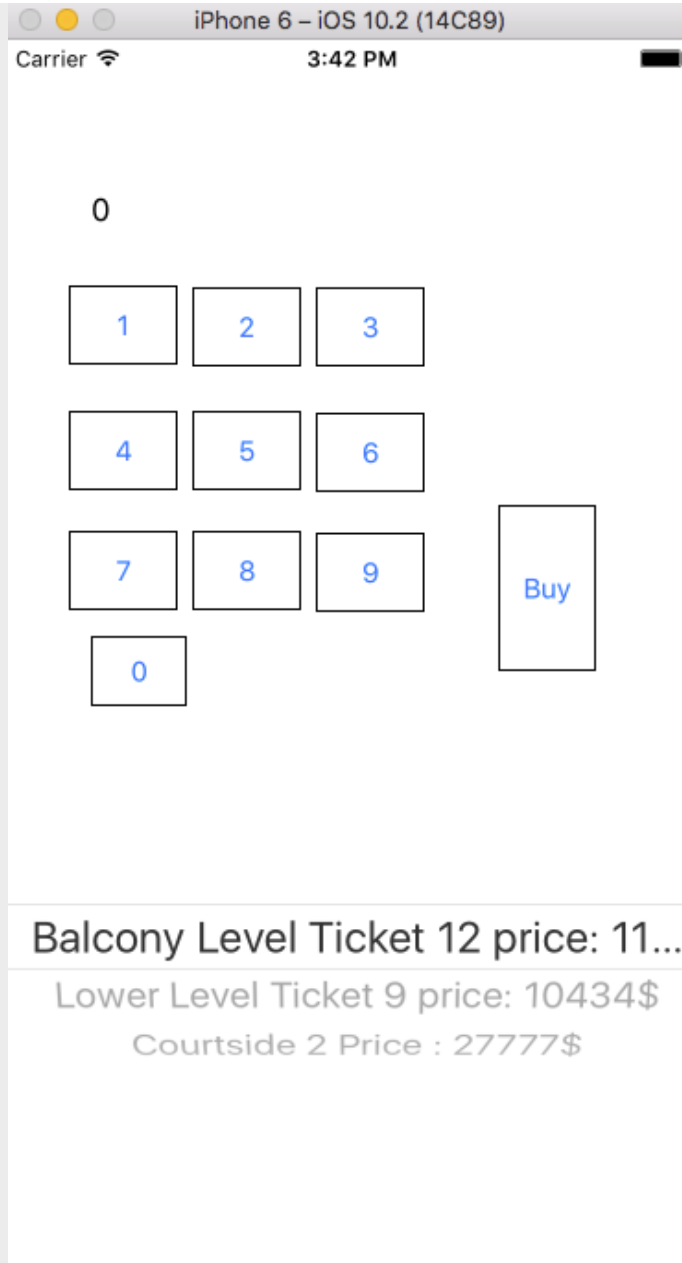




Assignment 1

Objectives:

- Use UITableViewController and UITableView (delegates and DataSource)
- Pickerview Controller
- Use Push segue and module segue
- Use `-(void)prepareForSegue:(UIStoryboardSegue *)segue`
- Use segue Identifiers
- MULTIPLE MVC
- View life cycle
- Use `-(void)viewWillAppear:(BOOL)animated` (when view will appear again)



Part 1

Raptors Tickets App:

UI :

- 9 buttons
- 1 buy button
- 1 picker view
- 3 labels

Choose the number of tickets and the quantity and buy the tickets.



iPhone 6 - iOS 10.2 (14C89)
Carrier 4:19 PM

55,554.00

1	2	3
4	5	6
7	8	9
0	Courtside	

Buy

2

Balcony Level Ticket 12 price: 1,170\$
Lower Level Ticket 20 price: 10,434\$
Courtside 15 Price : 27,777\$

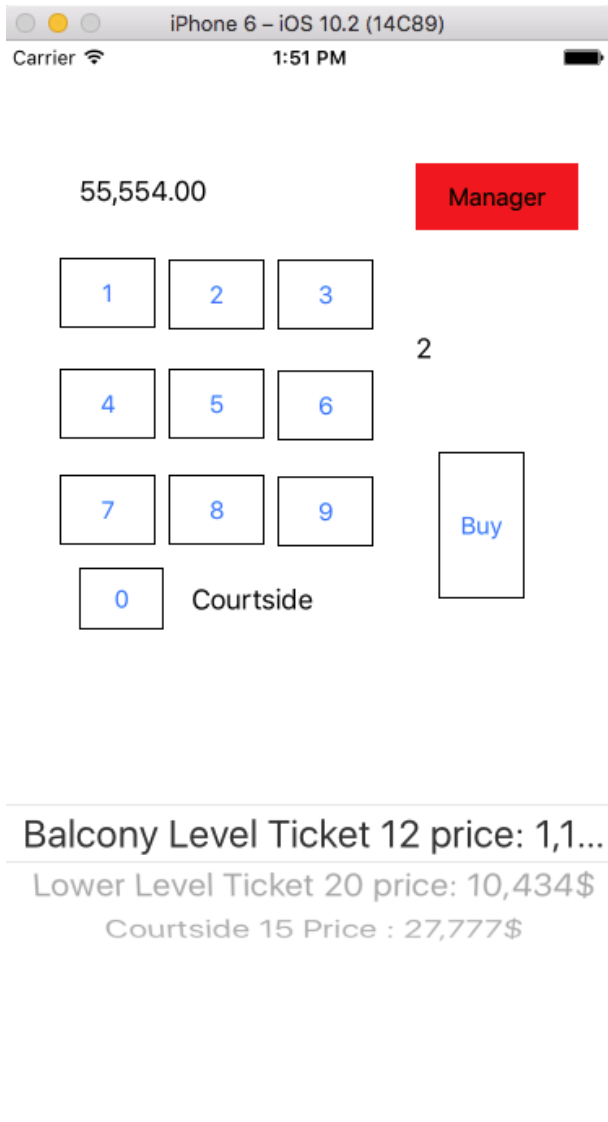
Total = price * quantity

Quantity entered by user

Ticket type, updated when the user selects a row

Picker view
Gets updated when a user buys certain number of tickets.

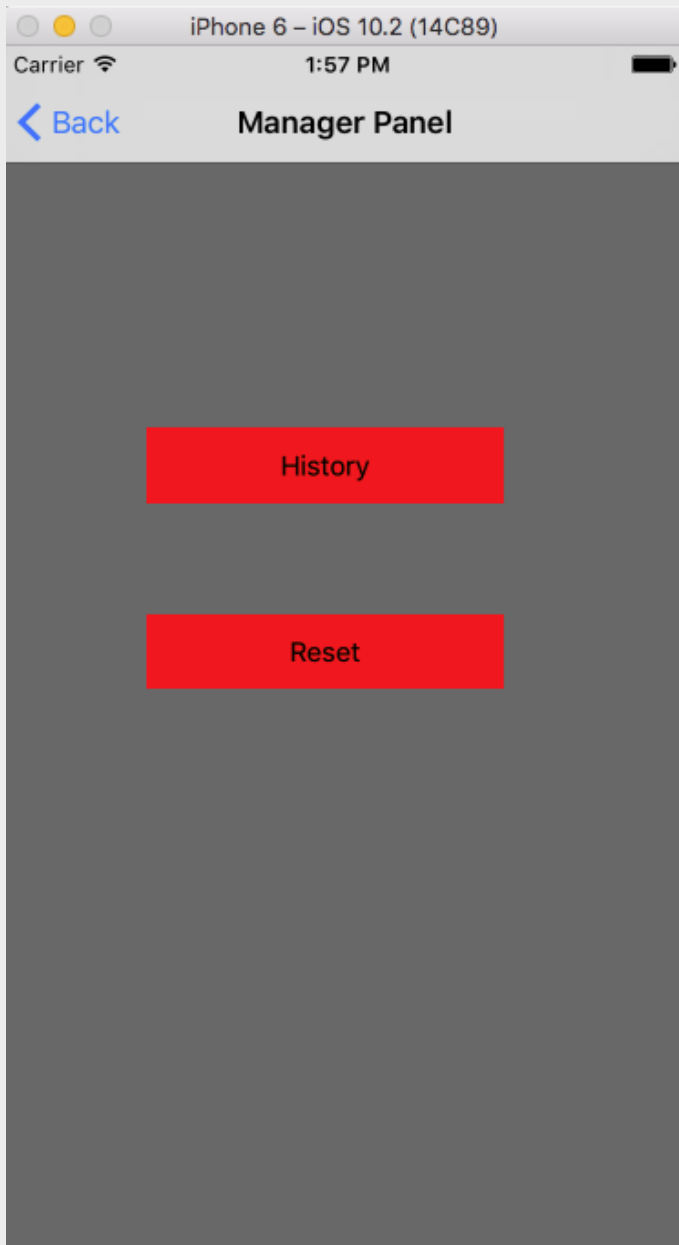




Part 2

- Rearrange your app by adding a manager button
- When manager button is clicked the next view will appear

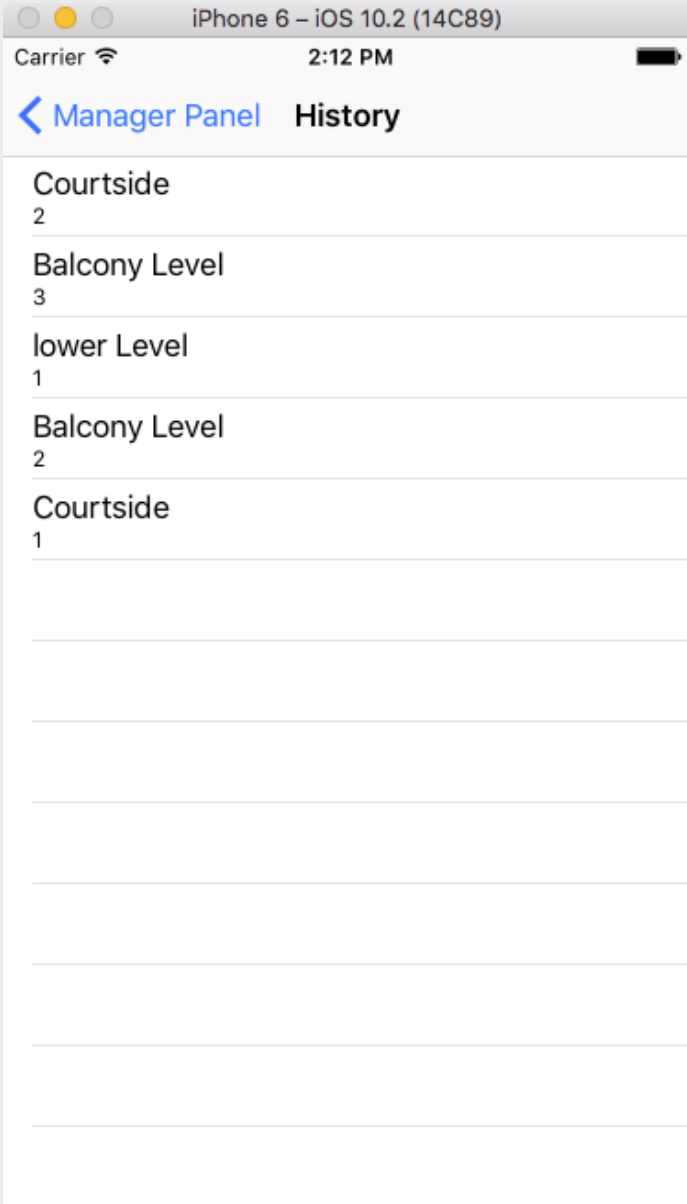




The History button will take the user to History View Controller.

The Reset Button will take the user to Reset View Controller



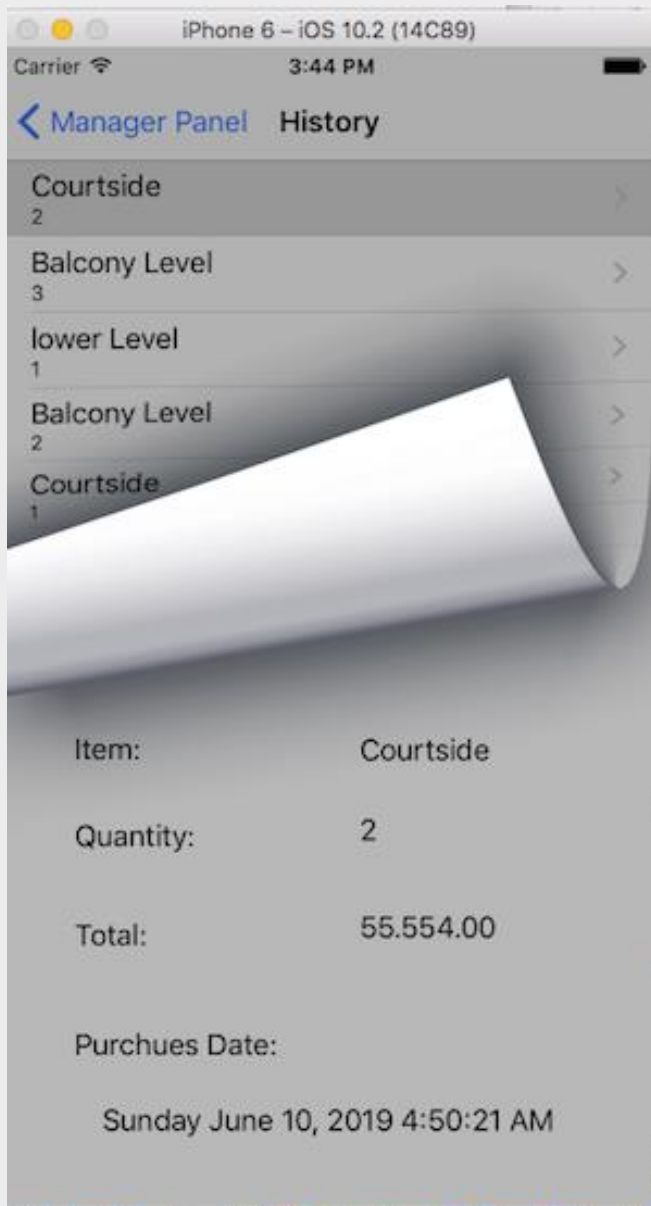


History View Controller

Will show the user the history of all the transaction that happened in this session(do not need to save if the application closes; history not to be remembered)

When user touches any of the cells then next view will load explained on the next page.





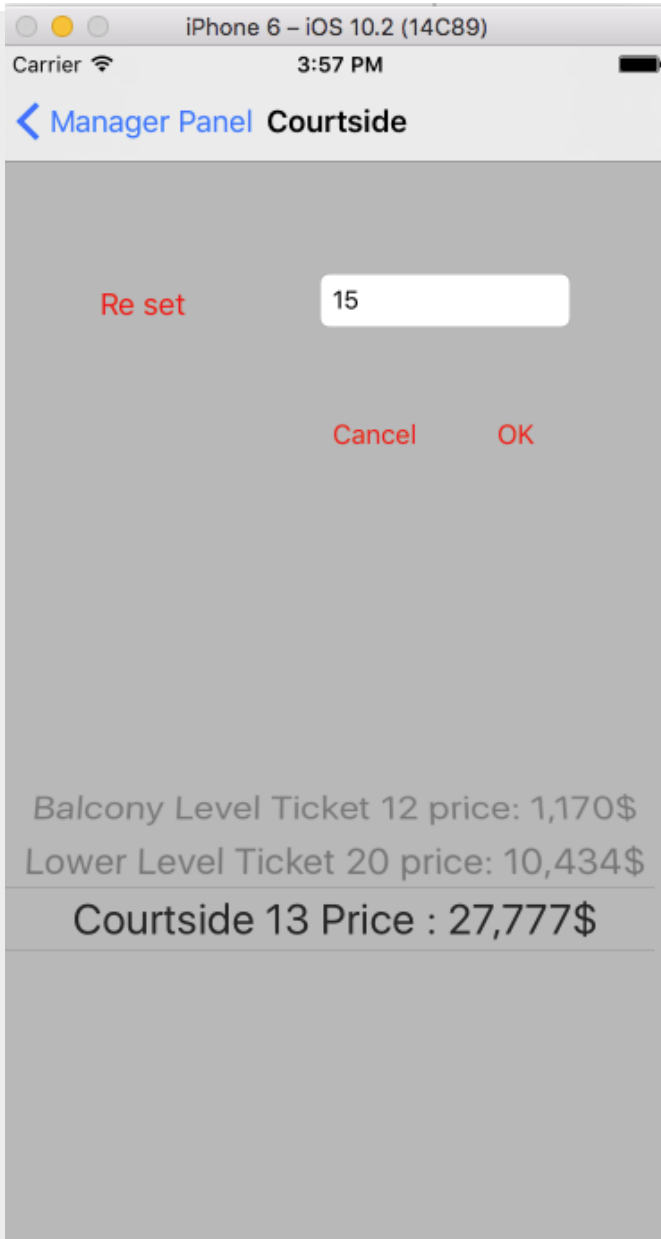
Detail View Controller

User can click on each cell and
view the detail for each
transaction:

Item name
The quantity
Total amount
And the date it was purchased

So history class(object) should
have these properties.





Reset View Controller

Will show all tickets in the store.

When user select a cell by pressing ok the ticket quantity will increase by that amount.

Tableview will get updated instantly.

Your model should have an update or reset method to be able to update the tickets amount.

