# 2/18/17

1. Master Detail Flow Template
2. Displaying Data In Android
3. Data Persistence
   1. SQLite
   2. DBFlow
4. Lab:
   1. Implement MDF
   2. Implement Listview
   3. Implement Persistence
5. Pop-up date/time picker

Understand master detail flow design

Understand how to display data in Android using list

Views, data adapters, data providers, list fragments, and fragment details

Understand how data is persisted in Android

Understand the mechanics of how to use SQLite

Understand how to use DBFlow as an option

Apply a master/detail flow to your project for menu and smartphone/tablet support

Implement a multi-level list of data for view and drill-down

Design and implement data persistency into your app for listView data

AFTER BREAK

1. Item\_Detail.xml
2. List\_Fragment
3. Detail\_Fragment

Scrollview

Name, availability, pic, details

Id

Name

Status

Details

Rehoming fee

Put in a class, Pet

# 2/11/17

1. Master detail flow
2. List view/detail
3. Persistency

## Layouts

* Single.xml
* Fragment list
* Fragment detail

## Implementations

1. Fragment list
2. Fragment detail
3. Helper (for reading images)
4. Item class
5. Adapter
6. Provider

Database is in

/data/data