

### **Ideas:**

- App that is a domestic abuse/violence application
  - Fake App with real app hidden under the login
  - Water Tracker?
  - Logs
    - Voice Recorder
    - Journal
    - Pictures
  - Panic Button
  - Emergency Contacts
    - Contact Emergency Contacts
  - Resources
    - Domestic Abuse Resources
    - App opens up simple browser
    - **Check out Woman Space**
  - Woman Shelters in Area
    - Location Services
  - Calendar
    - Appts.
    - Therapist Appointments

### **Android Studio:**

### **Notes:**

- MainActivity.java
  - Entry point for the app
- activity\_main.xml
  - Defines layout for the activity's UI
- AndroidManifest.xml
  - Describes fundamental characteristics of the app and defines each of its components

### **Tutorials:**

- Calendar
  - <http://abhiandroid.com/ui/calendarview>
- Database
  - <https://developer.android.com/training/basics/data-storage/databases.html>
- Voice Recording/Playback
  - <https://developer.android.com/guide/topics/media/mediarecorder.html>

## **Swift:**

### **Notes:**

- Apple Delegate Source File
  - Creates window where app's content is shown

### **References:**

First Start:

[https://www.youtube.com/watch?v=6Zf79Ns8\\_oY](https://www.youtube.com/watch?v=6Zf79Ns8_oY)

Basic UI:

<https://developer.apple.com/library/content/referencelibrary/GettingStarted/DevelopiOSAppsSwift/BuildABasicUI.html>

Calendar:

<https://cocoapods.org/pods/JTAppleCalendar>

Log:

<https://medium.com/ios-os-x-development/real-world-example-creating-a-journal-entry-app-with-core-data-in-swift-part-1-f77156a64497>

SQLite Database in Swift:

<http://www.theappguruz.com/blog/use-sqlite-database-swift>

<https://www.youtube.com/watch?v=VMhRPIA6Yio>

Voice Recording Access:

<https://learnappdevelopment.com/uncategorized/how-to-record-sound-with-swift-3-and-ios-10/>

Camera and Camera Roll Access:

<https://turbofuture.com/cell-phones/Access-Photo-Camera-and-Library-in-Swift>

Change View Controller:

<https://stackoverflow.com/questions/26541302/swift-change-view-controller-using-action-button>

Animations:

<http://v1.designcode.io/swift-design>