**Project II : Progress Meeting I**

**ICOM3010 : Self Directed Study**

**February 10th, 2015**

**Swift & iOS Development**

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1. **What are some examples of significant new learning in terms of your project so far?**
   * Xcode Environment
     + Front-end Development
     + Asset Loading
     + Storyboards
     + Linking front-end to back-end
     + Core Data
   * Swift
     + Syntax
     + String Interpolation
     + Type Annotation, Inferred, Explicit
     + Constant vs. Variables
     + Optionals, Optional Binding
     + Arrays, Dictionaries, Tuples
     + Control Flow & Conditionals – Loops (While, For, For-In), Switch Statements
     + Functions: Syntax, Multiple Return Types, Default Parameters
   * Apple Member
     + Local Development
     + App Store Production
   * Test Apps
     + Scenes, Event Listeners, Table Views, Drawing
     + To Do List
     + Core Data – Username, Password, Funny Name Function
2. **What issues and challenges have you encountered?**
   * References in tutorials to Object-C, a language I do not have any experience with.
   * Some tutorials are out of date with newest release of Xcode.
   * Will need to find time to look into the debugging process when developing iOS Apps. As of right now, not a lot of information is given when a bug occurs.
3. **What amendments have been made to your original plan?**
   * Rearranged Trello to place Core Data work ahead of screen orientation handling.
   * More time allotted to Xcode.
4. **What is your best estimation of hours you have applied to the project so far?**
   * 14-15 Hours
5. **What would you score yourself out of 10 in terms of progress?**
   * 9/10