Product Backlog

1. Brain Storm
   1. We discussed various app ideas for the project, but in the end we selected the app for roommates because it related to all of us. We decided to create an iOS app Swift.
   2. October 16th-21st
2. Learn XCode
   1. Get familiar with the basic features of XCode.
   2. October 22nd-25th
3. Learn Swift
   1. Learn the basics of swift
   2. October 22nd-25th
4. Set Up Environments
   1. Download XCode and get familiar with the set up.
   2. October 25th-27th
5. Cocoa Pods
   1. Install and integrate cocoa pods.
   2. October 25th-27th
6. Configure Firebase Database
   1. Install the Firebase SDK and add app to Firebase project. Then add the realtime database to app and configure Firebase database rules.
   2. October 28th- November 1st
7. Messages View Controller
   1. Present a custom user interface for messaging
   2. October 28th- November 1st
8. Observe Firebase
   1. Examine firebase for new chat messages
   2. October 28th- November 1st
9. Configure Usernames
   1. Create profiles for users with usernames
   2. November 2nd-5th
10. Design Interface
    1. Create a user friendly interface with interface builder built into XCode
    2. November 2nd-5th
11. Finalize Messaging Platform
    1. Make sure all parts of messaging platform are functional
    2. November 2nd-5th
12. Project 3 Deadline
    1. Submit project on Github by November 5th at midnight
    2. Few minutes to submit
13. Demo Prototype
    1. Present prototype during the software fair in class
    2. 10 minutes to present
14. Task Manager Integration
    1. Integrate Task management into Firebase
    2. November 6th–10th
15. Task Manager
    1. Create task management functionality
    2. November 7th-15th
16. Group Message Integration
    1. Implement group messaging functionality
    2. November 7th-15th
17. Documentation
    1. Create all documentation
    2. October 16th-deadline
18. Finalize
    1. Make sure all functionalities work for final project
    2. 2 days
19. Project 4 Deadline
    1. Submit project 4 on Github
    2. Few minutes
20. Project 4 Presentation
    1. Present complete project
    2. 30 minutes