**CS673 Software Engineering**

**Team 1 Meeting Minutes**

**Week 0 (09/03 - 09/07 )**

**Date and Time:** 09/07/2020 6:30 - 8 pm

**Place**: Group Slack phone call

**Participants:** Ananya, Peter, Michael, Wasupol

**Minutes taker:** Peter

**Timekeeper:** Wasupol

**Purpose:** Project kickoff meeting

**Agenda:**

* Determine group name
* Determine project name
* Determine what kind of project will be
* Finalize communication plan
  + Skype or Slack (msg) or Hangout or Zoom
  + Trello or PivotTracker
* Time tracking
  + Week Start, end?
  + Time used?
* Google code or Github?
  + Create project site?
  + File a test bug?
  + Check in/out a test document?
* Brainstorm requirements
* Discuss risk?
* Determine an approach/process to use? Agile or Waterfall with feedback
* Assign roles

**Discussions:**

* Project like?
  + Fetch BU dashboard, PowerBI
  + Mobile app - Chat mobile, Group chat - screen share feature in mobile chat app. (Android) - Backend?
  + Web app - Biomedical script? Guide student? Gap in Biomedical student to write script? Help out users, students.
* Project name
  + Handout?
* Functions
  + Send speech to the chat? (require storage, external CloudFlair, AWS)
  + Send video? (require storage, external CloudFlair, AWS)
  + VOIP? Video call?
  + Send event calendar?
  + Google Translation (Foreigner Language in the chat)?

**Key Decisions:**

* Project name
  + \* Hangoutz
* Communication Plan
  + Zoom for meetings (Stand up, weekly)
  + Pivot Tracker (Task tracking, time tracking)
  + Sunday around noon as weekly meeting
* Time tracking
  + Week start on Sunday
  + Week end on Saturday
  + Sunday, Everyone give time in the sheet, and Wasupol will response for this
* Source Code
  + Github, (issue tracker, release for version control)
  + License? Apache License 2.0?
* Assigned Roles
  + Peter - QA Leader
  + Ananya - Requirement Leader
  + Michael - Design and Implementation Leader
  + Wasupol - Configuration Leader and Leader
  + Raef - Security Leader
  + Determine an approach/process to use
    - Full Agile - iteration around 3 weeks - sprint 1 week
    - Roles - Scrum master - point 1,2,3,5

**Requirements**

* Function requirements
* Authen (Google login, email)
* Create chat session (private or group chat)
* Share location to another user
* Send pictures to the chat
* Send a file (pdf) to the chat
* Invite someone to the chat? Private chat to group chat
* Notification (someone chat to you)

Non-functional requirements

* Secure Android app (Proguard, Encryption)
* Performance Monitor
* User’s profile (Update profile pic, detail, status)
* Send Stickers? Optional
* Tracking data (Data Analytic, Google analytic)?
* Backup the chat? Security? (Encrypted, Decrypted)
* QR to add other users? Search id?
* Security (Encryption user detail)

**What stack tech we going to use**

* Android part - Kotlin, Android Studio, Library Frameworks
* Firebase - Firebase real time database, Firebase Authentication
* JUnit test, Appium or Selenium (UI testing), Cucumber Testing
* Backend? NodeJS or Java, Database Ins? mySQL or mongoDB

**Risk**

* Time schedule - work, other classes, life
* Limited time to the project
* Originality - what differentiates us from others?
* New tools? Learning curves
* Unexpected behaviours (Downtime)
* Budget (Free tools)

**Action Items**

* Code License? Everyone
* Timesheet? Everyone should submit on next Sunday