Date and Time: 18 April 2015 (4:00pm to 5:15 pm)
Place: Google Hangouts
Participants: William Wilson, Sherry Shu, Yuyan Zhang, Oscar Ingham, Jewel Xu
Minutes taker: yuyan zhang
Timekeeper: William Wilson

Purpose: solve the issues about the final iterations, and try to merge the products with other teams

Agenda:

divide the remaining tasks to backend and frontend
Make a decision to the final demonstration features for the application
Assign new task testing.
try to merge with other teams on github

Status:

Discussions:
- discuss the new finished UI and add room function
- achieve the dynamic function of emoticons on UI
- achieve the dynamic function of file upload
- Add searching functionality.
- Testing: add more functional testing for new features

Key Decisions
    Frontend: achieve that can send the emoticons with text messages
    Backend: achieve the search function, and integrate it with the UI part
    Oscar: achieve the upload file function,and integrate it with the UI part

Action Items:

- Sherry and Jenna will finish all front end tasks
- Bill and Jewel will finish all back end tasks
- front end and back end will put all things together, and integrate the functions.
- Oscar will continue work with group 1 and merge our branch with other team

CS673S15 Software Engineering
Project 12 Meeting Minutes
Week 12(04/11 - 04/18)

Date and Time: 11 April 2015 (4:00pm to 5:15 pm)
Place: Google Hangouts
Participants: William Wilson, Sherry Shu, Yuyan Zhang, Oscar Ingham, Jewel Xu
Minutes taker: Sherry (Shishuang Shu)
Timekeeper: William Wilson

Purpose: Solve the problem of git config and issue with localhost, make sure of the plan for the last iteration.

Agenda:

Install django filter to solve the issue of wrong message when open the localhost page.
Make a decision to implement which functions in the last.
Assign new task for each team member as frontend, backend, and testing.

Status:

Discussions:
- Add "Create new room" functionality.
- Add emoticons.
- Add share files functionality.
- Add searching functionality.
- Integrate user model from group 1 and achieve the function of :show online status, private messages.
- Testing: unit testing and feature testing.

Key Decisions

- Add "Create new room" functionality:
    Frontend: -Add modal from bootstrap (form to create new room);
                      -When the new room is created, it will show on the left in the room list.
    Backend: extend main.js to listen on global namespace.

- Add emoticons:
    Frontend: make sure where to put that function。
- Add share files functionality:
    Frontend：-Add modal from bootstrao (the form to locate the file to upload).
                      -Upload to the server and return as a URL to show in the message
content in the room that user wants to share files.
    Backend: solve how to upload to server
- Add searching functionality:
    Frontend: in order to avoid user input in a wrong place, the search place is
hidden unless user choose this function by clicking the "search" button.
    Backend:Using django REST framework search filter.
- Integrate user model from group 1 and achieve the function of :show online
    status, private messages.
- Testing: make sure each part of testing
    -genera testing
    -APT testing
    -UI testing
    -JS controler testing

Action Items:
- Sherry and Jenna will take charge of all the frontend task.
- Bill will take charge of public namespace.
- Jewel will take charge of search functionality as backend part.
- Oscar will continue work with group 1 and make preparation for integration the
    user management with group 1.

Date and Time: 28 Mar 2015 (4:00pm to 5:30 pm)
Place: Google Hangouts
Participants: William Wilson, Sherry Shu, Yuyan Zhang, Oscar Ingham, Jewel Xu
Minutes taker: William Wilson
Timekeeper: Sherry Shu

Purpose: CentOS and Project Presentation

Agenda:

CentOS operating system
Project Presentation
User-room relationship model

Status:

Discussions:
- Discussed the switch to the CentOS operating system. Oscar demonstrated our project on CentOS. He demonstrated starting and stopping the gunicorn server.
- Discussed the project presentation. We will create a new presentation in google drive and update it.
- Discussed the user-room relationship and how to represent it. We could use a Django many-to-many field, but we cannot figure out how to serialize it. The solution may be creating a new table to track rooms to users.

Key Decisions
- we are switching to CentOS
- We will collaborate on project presentation using google drive
- we will represent the user-room relationship using a user-room table instead of a many-to-many relationship

Action Items:

- everyone will switch to CentOS
- everyone will collaborate on the group project
- back end team will develop a user-room model

CS673S15 Software Engineering
Project 12 Meeting Minutes
Week 9 (03/18 - 03/24)

Date and Time: 21 Mar 2015 (4:00pm to 5:30 pm)
Place: Google Hangouts
Participants: William Wilson, Sherry Shu, Yuyan Zhang, Oscar Ingham, Jewel Xu
Minutes taker: William Wilson
Timekeeper: Sherry Shu

Purpose: Message Rooms and Mobile

Agenda:

Use of namespaces to create rooms
Mobile development
Get a user's room data with a single API

Status:

Discussions:
- Discussed the use of namespaces to create rooms. Separate namespaces versus namespace channels
- Discussed using bootstrap to make the site mobile friendly
- Discussed the need for a single API endpoint to extract all of the rooms where a user is a member from the database. This is a difficult problem because rooms and user is a many to many relationship. It uses Django's many to many data field instead of a separate table.

Key Decisions
- make the site more mobile friendly using bootstrap
- Use separate namespaces to create groups. Do not use namespace/channels.
- develop api endpoint to get a user's room data

Action Items:

- front end team will make the web page more mobile friendly using bootstrap
- back end team will create separate rooms using namespaces
- back end team will develop api endpoint to get a user's room data

CS673S15 Software Engineering
Project 12 Meeting Minutes
Week 8 (03/11 - 03/17)

Date and Time: 14 Mar 2015 (4:00pm to 5:30 pm)
Place: Google Hangouts
Participants: William Wilson, Sherry Shu, Yuyan Zhang, Oscar Ingham, Jewel Xu
Minutes taker: William Wilson
Timekeeper: Jenna (Yuyan Zhang)

Purpose: Developed goals for second iteration

Agenda:

Code refactoring
User stories for next iteration
REST API messagedata endpoint

Status:

Discussions:

- Discussed the refactoring of code from a single html file to separate css and javascript files
- Discussed next iteration user stories.
- Need an API endpoint that will get the user and room information associated with a message.
- Discussed github. How to update local branches, create branches, and push to remote repo. We also discussed how to ensure that your commits are attributed to you.
- Discussed emojis. How to implement.

Key Decisions

- index.html file will be refactored into separate files
- Our next user stories will be emojis, multiroom messaging, improve UI for mobile devices, display the number of new messages
- develop api endpoint to display message data

Action Items:

- front end team will refactor index.html file, and incorporate emojis.
- Front end and back end teams will work on new user stories
- back end team will work on message data endpoint

CS673S15 Software Engineering
Project 12 Meeting Minutes
Week 6 (02/25 - 03/03)

Date and Time: 28 Feb 2015 (4:00pm to 6:30 pm)
Place: Google Hangouts
Participants: William Wilson, Sherry Shu, Yuyan Zhang, Oscar Ingham, Jewel Xu
Minutes taker: Jenna (Yuyan Zhang)
Timekeeper: William Wilson

Purpose: Achieved features in the 1st iteration and prepared for the presentation

Agenda:

Discuss the finished User Interface, and gave the final version.
Learned the finished rest-api(user, group, message)together.
realized features including combining UI and rest-api, communicating between two web pages, and giving the random ID for different users.
Solved some set up problems (eg.github in virtual machine),and promised everyone can run & modify the project successfully.
Assign presentation part to each member in this week.

Status:

Discussions:
- we learned every achieved part through demo on the google hangouts, and make sure that each team member know the principles of these parts even they are not in charge of this part
- gave some suggestions for each part, and made some changes to decide the final version
- Oscar helped to solve the problems about tools including github, bootstrap, django-rest-framework, jQuery and sock.io.
- build the connection between UI and rest-api to achieve sending group message
- provided each user random ID when the login chatting room, and show their ID before the text message when they send the message to the message bar

Key Decisions
- We will do the summary for 1st iteration and do a plan for next iteration before spring break to make sure begin it as clearly as possible
- We will use jQuery and sockt.io to build the connetction between the UI and rest-api
- we will improve our Database in the next step

Action Items:

- each team member will finish their presentation part on SPPP (Comm-Tool - Iteration#1)
- Oscar will do the final technical improvement to make sure every detail of the App

- team member will meet on google hangout at Tuesday 9:30pm to give the final version of the slides and prepare presentation together

Date and Time: 21 Feb 2015 (4:00pm to 5:45pm)
Place: Google Hangouts
Participants: William Wilson, Sherry Shu, Yuyan Zhang, Oscar Ingham, Jewel Xu
Minutes taker: Sherry Shu (Shishuang Shu)
Timekeeper: William Wilson

Purpose: Discuss the features that will be achieved in the 1ˢᵗ iteration and set up models for this tool.

Agenda:

User Interface storyboard and design
Introduce Bootstrap for framework.
Give the priority of user story and decide three to four user stories that we will achieve in the first iteration.
Set up models for this tool.
Assign tasks to each member in this week.

Status:

Discussions:
- Discuss the design of User Interface.
- Based on the first version of User Interface, in order to make the code simple and consistent with other teams, we will use Bootstrap to build the User Interface in the future.
- Using pivotal tracker to decide the priority of each user story.
- Discuss and decide four features that will be achieved in the first iteration. They are:
1. Low latency chatting.
2. Send group text message in one group.
3. Show online status.
4. Record Searching.
- Bill shows his design for Class Diagram.
- Oscar writes code for models.py to set up the model for this tool that would be used in Django. This model includes class like User, Room and Message.
- Introduce Django Rest Framework and we will use it to create API.
- Stress how to use GitHub.

Key Decisions
- We will use Bootstrap to design the User Interface.
- We will use Django REST Framework to write API.
- We have made the models.py that can achieve the function in the first iteration.
- We will use Django REST Swagger for testing.

Action Items:

·   William Wilson: will write API for the first iteration.

·   Oscar Ingham: will do some research about Django Rest and use it for design and achieve the function.

·   Sherry Shu: will use Bootstrap to design a more formal User Interface.

·   Yuyan Zhang: will use Django REST Swagger for testing.

·   Jewel Xu: will be in charge of the user management and coordinate with team1 and team3 in it.

CS673S15 Software Engineering
Project 12 Meeting Minutes
Week 4 (02/11 - 02/17)

Date and Time: 14 Feb 2015 (4:00pm to 5:30pm)
Place: Google Hangouts
Participants: William Wilson, Sherry Shu, Yuyan Zhang, Oscar Ingham, Jerrold Ansman
Minutes taker: Oscar Ingham
Timekeeper: William Wilson

Purpose: Discuss user stories and plan first iteration

Agenda:

1. Configuration Management: How should we create branches: developer branch or

task branch?
2. Code Commit Criteria: When should code be committed?
3. Code Review: When and how should it be done?
4. GitHub Structure: Documentation Folder.
5. Risk Management: How do we prioritize risks?
6. Defect Management: Issue Tracker on GitHub?
7. Three User Stories.
8. Team One will be handling login

Status:

Discussions:
- Began discussions on user stories, each person committed to add three   stories by Monday
- Decided we will use feature (task branches) instead of developer branches
- We should make local commits on our branches regularly. We should   submit them to github whenever any substantial work has been done. We will submit pull requests once our features are done and they will be merged back into the master branch.
- Code review will be done on GitHub after any pull request.
- Bill discussed the documentation section in our Git Repo and encouraged   us to keep it up to date.
- We will use Pivotal Tracker to plan the features involved in each iteration and use the built-in GitHub issue tracker to file bugs and track progress.
- Bill will look into adding GitHub integration into our slack channel.
- Jerrold confirmed that we will be using MySQL as our primary database
- Team one will handle user authentication and login, so our first iteration will be user-agnostic. Jerrold will let us know as soon as the first team has solidified this so we can begin integration.

Key Decisions
- We will use feature branches on GitHub
- We will not involve user authentication on the first iteration
- We will use GitHub for issue tracking

Action Items:
- Group members will each add three user stories to pivotal tracker by   Monday evening.
- Oscar will continue research and develop a plan for the first   implementation by Wednesday.

- Bill will add GitHub notifications to our Slack channel.
- Jerrold will update us when Team 1 has finished the user-login portion of   the project.

Date and Time: 7 Feb 2015 (4:00pm to 5:30pm)
Place: Google Hangouts
Participants: William Wilson, Sherry Shu, Xinzhu Xu, Yuyan Zhang, Oscar Ingham
Minutes taker: William Wilson
Timekeeper: Oscar Ingham

Purpose: Discuss software tools to be used by group members, and collaborate on SPPP document.

Agenda:
1. **Discuss the pros and cons of developing in a virtual environment, and determine team standard practice**
2. **Collaborate on SPPP document and assign sections for team members to complete**

Status:
- **…**
- **..**

Discussions:
- **Oscar explained the importance of developing in a virtual environment to manage dependencies. Ubuntu can be installed onto a virtual box.**
- **We collaborated on the SPPP document and collectively completed the High Level Requirements section.**
- **We decided to complete the SPPP document by assigning sections to group members. Group members will have sections complete by Monday at 5:00pm.**
- **SPPP document will be converted into a Power Point presentation by**

William.

- **We discussed possible strategies for Communication Tool. We discussed using javascript to query a database at a time interval to check for new messages. We discussed possible types of databases. We discussed the use of web-sockets to allow client to client communication.**
- **We discussed the pros and cons of owning the user management for the entire group. It makes sense for the communication tool to handle user management.**

Key Decisions
- **We will all use ubuntu in a virtual environment.**
- **Determined Project High Level Requirements. (See SPPP document)**
- **We will own the user management for the entire group if possible.**
- **At Wednesday's meeting, we will start to design our database. Completing a diagram of our database will be our first priority.**

Action Items:
- **Group members will complete assigned sections of SPPP document by Monday at 5:00pm**
- **Group members will install python in ubuntu virtual environment and bring computer to Wednesday class meeting.**

An Example from previous project:

Date and Time: 1/26/12 7 - 8PM
Place: Group Phone Call
Participants: Dan Spuches, Grace Hopkins, Craig Cato
Minutes taker: Dan Spuches
Time Keeper: Craig Cato
Purpose: Project Kickoff Meeting

Agenda:
- Determine group name
- Determine project name
- Provide effort hours so far
- Finalize communication plan
  - Google group vs. Trello
- Find and discuss related works
- Google code
  - Create project site
  - File a test bug
  - Check in/out a test document
- Brainstorm requirements
- Discuss risks
- Determine an approach/process to use
- Assign roles

Discussion:
- Determine group name
  - Is this the same as project name? Yes
- Determine project name
  - Yet another weight tracker - taken
  - Yet another weight program - YAWP
    - Don't want to make YAWP noise when you stand on the scale
  - BodyStats
  - Yet another weight history program
  - Yet another weigh-in program
  - Yet another weight oriented program
- Provide effort hours so far
  - Members will email hours spent so far to Grace
  - Need to decide start/end of week
    - Week starts Saturday, ends Sunday
- Finalize communication plan
  - Google group - email distribution

- ○ Google code - upload and track all documents (including agenda, minutes, etc)
  - ○ Trello - Discussions/brainstorming/to-do and completed tasks
- ● Find and discuss related works
  - ○ http://download.cnet.com/Weight-Tracker/3000-2129_4-10458217.html
  - ○ weightchart.com
    - ■ Web based
  - ○ weightwatchers.com
    - ■ Web based
  - ○ Our project is standalone, not web based, open source (differentiator)
- ● Google code
  - ○ Create project site
  - ○ File a test bug
  - ○ Check in/out a test document
  - ○ SVN or GIT?
    - ■ We will use SVN
    - ■ Tortoise SVN for windows
  - ○ What license will we use?
    - ■ Apache 2.0
    - ■ What are the terms?
    - ■ Need to tag all works with the license text from http://www.apache.org/licenses/LICENSE-2.0
- ● Brainstorm requirements
  - ○ Functional
  - ○ Non-functional
  - ○ Desktop java standalone client
  - ○ Not networked
  - ○ Single user per instance
    - ■ Future - multiple users
  - ○ Need to be able to enter weights
  - ○ Calculate BMI
  - ○ Charting over time
    - ■ Export charts?
    - ■ Daily weight change
    - ■ Monthly weight loss
    - ■ Trending of data
    - ■ Projections
  - ○ Target weight
  - ○ Sounds?
    - ■ Applause for loss
    - ■ YAWP for gain
  - ○ Computerize printed charts
  - ○ Print charts/data
  - ○ Export and save functions
  - ○ Options

- - - Configurable units
        - English vs metric
        - LBS vs KG vs Stones?
- Discuss risks
    - New tools - not understanding/knowing how to use tools
    - Schedules - work and home life
    - Keep it simple/limit scope creep
    - Originality - what differentiates us from others?
    - Multiple user functionality - may be too time consuming
    - Limited time for project as a whole
- Project criteria
    - Usefulness - nobody has yet found the best way to do it, there are a lot of other ones out there, none are right yet?
    - Complexity - will be sufficiently complex
    - Originality - it is original because Craig created the concept
- Determine an approach/process to use
    - Waterfall with feedback/iteration
        - Ability to revisit requirements and re-shuffle priorities
        - Need to build in the ability to respond to risks as they arise and difficult requirements
    - Possibly some agile concepts/aspects - prototype and test driven
    - JUnit testing - test driven development
- Assign roles
    - Grace - Leader and QA
    - Craig - Configuration Mgmt
    - Dan - Implementation

Key Decisions
- Project name is YAWP - yet another weight-tracking program
- Google code
    - https://code.google.com/p/yawp/
    - We will use SVN on Google code
    - Source code license - Apache License 2.0
    - Labels - health, academic, java
- Time tracking
    - Week start on Sunday
    - Week end on Saturday
    - Get time to Grace by noon on Sunday
- Communication Plan
    - Use Google group for email communication
    - Use Trello for task tracking (to-do and complete) and discussions/brainstorming
    - Use Google Code for document and code repository, version control
- Roles assigned:

- - Grace - Leader and QA
  - Craig - Configuration Mgmt
  - Dan - Implementation

Action Items:
- Review terms of Apache license - Dan, Craig, Grace
- Submit time to Grace by noon Sunday - Dan, Craig, Grace