

CS673F16 Software Engineering
Team 1 Meeting Minutes

Week 4 (2/10 - 2/16)

Date and Time: 2/16/17 5:30 - 6:00PM

Place: Classroom

Participants: Nick, Cory, Rob, Mike, Arpita

Minutes taker: Cory

Time Keeper: Cory

Purpose: Discuss presentation and preparation for iteration 1

Agenda:

- Discuss presentation, make sure we're ready
- Discuss how we want to get started with first iteration

Discussion:

- Are we ready to present?
 - Yes - Nick, Rob, and Cory will do the first presentation
- How are things coming along? What's the plan for next iteration?
 - Nick has offered to do a demonstration to us so we all have an idea of how to work on the project

Key Decisions

- Presentation:
 - Nick: Introduction and overview
 - Cory: Features and quality assurance
 - Rob: Management plan and configuration management

Action Items:

- Team will meet on Friday at 6PM in the Photonics lab and Nick will give us a demonstration of working with our codebase and tech stack.

Week 3 (2/03 - 2/09)

Date and Time: 2/09/17 5:00 - 6:00PM

Place: WebEx

Participants: Nick, Cory, Rob, Ed

Minutes taker: Cory

Time Keeper: Cory

Purpose: Discuss POC and deliverables for Iteration 0

Agenda:

- Discuss status on initial POC research
- Discuss deliverables for Iteration 0

Discussion:

- Each member picked a major component of the app to start work on a POC.
What's the status?
 - Ed has started with simple image uploads
 - Cory still researching authentication
 - By recommendation from professor, we will pursue OAuth via Facebook and Google rather than building our own authentication method.
 - Nick has started with simple chat
 - Rob is looking into wall post design
- Team is unsure about how to proceed with POC when there is no main page where each component should be attached.
 - Decided each member should build their component separately, we'll decide how to combine later.
- What is due for end of Iteration 0?
 - SPPP and Presentation
- We will divide work in SPPP
 - The ProjectDescription doc gives page numbers in the book to reference for filling out sections of SPPP
 - Encounter case study examples available on BlackBoard
- Cory will investigate requirements for presentation, team meet again to discuss what needs to be done
- Ed will be away next week, team will need to use another mechanism for online meeting instead of Ed's WebEx (Google hangout?)

Key Decisions

- POC components will be built separately, and combined into one cohesive experience later

Action Items:

- SPPP work

- Overview: Nick
 - Related work: Nick
 - Requirements: Cory
 - Management plan: Rob
 - SQAP: Cory
 - SCMP: Ed
- Cory will look into what needs to be done for Iteration 0 presentation

Week 2 (1/27 - 2/02)

Date and Time: 2/2/2017 5:00 PM

Place: Class

Participants: Rob, Nick, Ed, Arpita, Mike, Cory

Minutes taker: Rob

Timekeeper: Rob

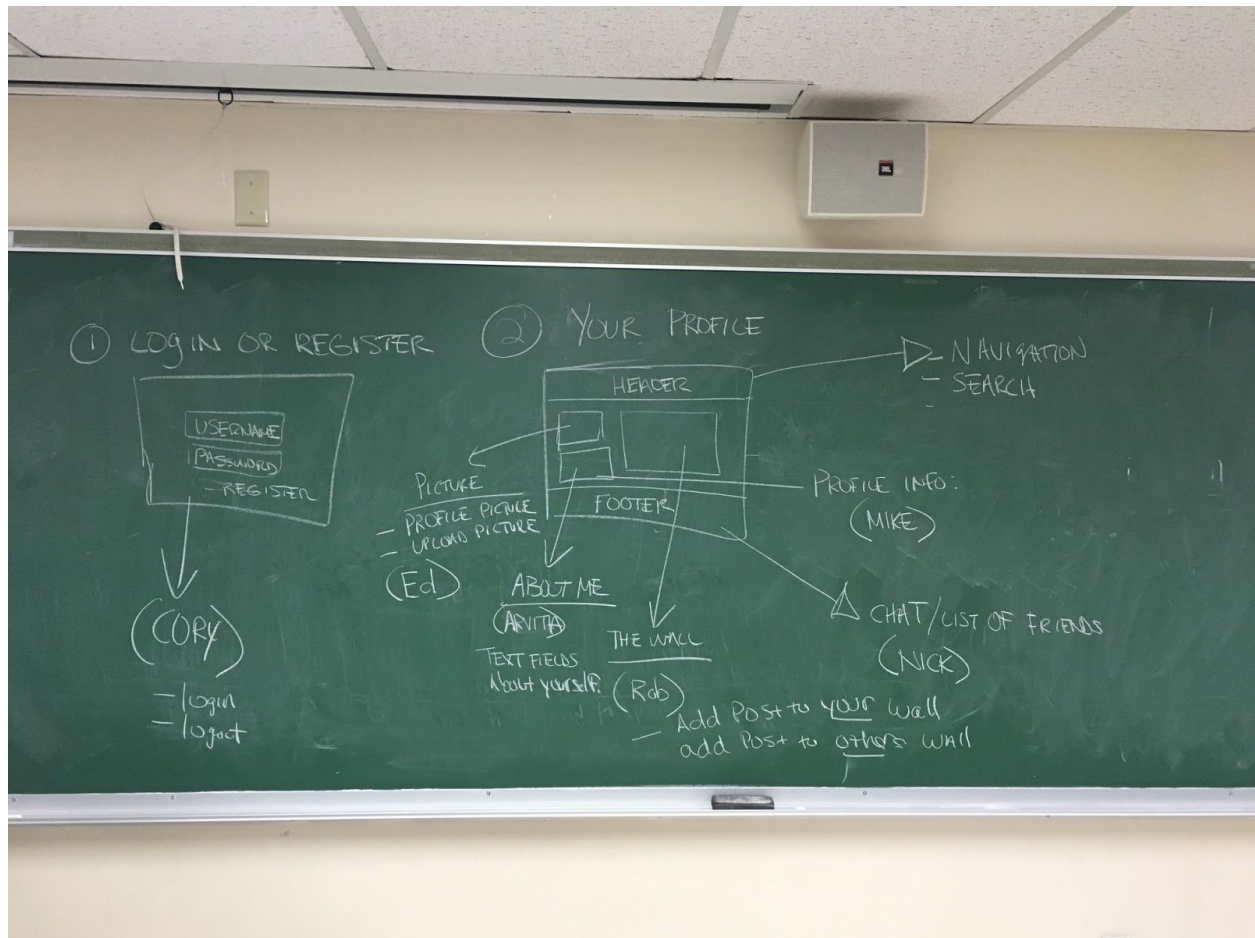
Purpose: Give updates on setup and discuss next steps

Agenda:

1. Discuss features
2. Discuss design of the site
3. Discuss how we to get started

Discussions:

- Once everyone knows their features we will start branching in git and ed said he will help with that
- By the end of this week we should know who wants to work on what and get started on working on the code and have something by next week.
- Not expecting to be done next week obviously, but it would give us something to talk about and get started with the process.
- Arpita is going to make a wireframe or a picture of what its going to look like and get started from there.
- Find a website design of an existing site we can all agree we like or find a bootstrap theme that we like so we can apply on the website.
- Potentially have meetings where we all work on stuff and ask questions through Slack.
- Profile will have both username and real name for now.
- Thinking about running data analytics locally to keep track of most viewed pages and most liked posts
- We need to decide on the design of the website, from how it looks and what we are putting into the database
- Rob and Nick will start working on the profile and then the rest of the team will be able to see what it looks like and re-use some of the CSS we used and add onto the profile.
- Have 3 views, login, profile view and news feed, then if we have time to implement the dating feature
- News feed is not required feature so for now we will only have 2 views.



Key Decisions

Views:

- Login View
 - register/logging in and out - Cory
- Profile View
 - Wall - Rob
 - About me - Arpita
 - Pictures - Ed
 - Search -
 - Profile Information - Mike
 - Chat - Nick

Action Items:

- Start working on your feature and have discussion topics for next meeting

Week 2 (1/27 - 2/02)

Date and Time: 1/29/17 4:30 - 5:30PM

Place: WebEx

Participants: Nick, Cory, Ravi, Ed, Arpita

Minutes taker: Cory

Time Keeper: Cory

Purpose: Discuss features and requirements

Agenda:

- Decide on requirements for our app: what are must-have features, and what are nice to have?
- Get project skeleton with sample app added to github

Discussion:

- Must-have features for our app:
 - Profile:
 - Users have a profile where they can add information:
 - First name
 - Middle name
 - Last name
 - "About me"
 - DOB
 - Email address
 - Profile image
 - Friends:
 - Users can add another user as a friend
 - Users can remove a friend
 - Images:
 - Users can upload images to a photo album
 - Users can designate one of those images
 - Wall:
 - Users can add posts to their wall
 - Users can comment on posts
 - Chat:
 - Users can send private messages to each other
 - Users can have a real-time chat
 - Search:
 - Users can search for other users by name
 - Users can search for other users by email
 - Security:
 - Users can sign up for an account with username and password
 - Users can log into app with username and password

- Nice to have features for our app:
 - Privacy:
 - Users can designate certain profile elements as friends-only
 - Users can designate posts as friends-only
 - Users can designate images as friends-only
 - Activity feed:
 - Show recent posts from friends
 - Show recent image uploads from friends
 - Show recent birthdays of friends
 - Advanced search:
 - Use rankings to show most popular search results first
 - OAuth authentication:
 - Facebook
 - Google
 - Interests:
 - Users can tag their profile with interests
 - Searching for an interest will show users with that interest
 - Introduction guide;
 - Tutorial with popups explaining how to use the app
 - Invitations:
 - Send an email inviting a friend to sign up and use the app
 - Dating feature:
 - Have a component of the app geared towards dating
- Nick created a project skeleton with a sample app that team members can use to verify their dev environment and get familiar with technologies we will be using.
- Nick has some contacts who are familiar with infrastructure and hosting that can help us out.
- Given our feature set, a relational database would make more sense instead of MongoDB.
- Ravi will be travelling for a week.

Key Decisions

- Basic must-have and nice-to-have features have been decided.
- We will use a relational database instead of MongoDB.

Action Items:

- Investigate infrastructure and hosting for project - Nick
- Write instructions to get sample app running - Nick
- Start creating simple mockups of how the app should look - Arpita
- Push the sample app to our github repo - Ed
- Start work on SPPP - Cory
- Get local environment setup and run the sample app - All

Week 1 (1/20 - 1/26)

Date and Time: 1/26/17 5 - 6PM

Place: Classroom

Participants: Nick, Cori, Mike, Ravi, Ed, Rob, Arpita

Minutes taker: Ed

Timekeeper:

Purpose: Introduction to the team, decide on a project, and agree on meeting times (in person and online).

Agenda:

1. Is everyone comfortable with the MEAN stack?
2. Decide on project idea using MEAN stack
3. Gauge experience of team members re: components of MEAN, any risks?
4. Establish expected level of effort each week. Any planned absences?
5. Draft requirements
6. Decide on communication plan (e.g. alternate meeting if face-to-face is canceled)
7. Decide on procedure for collaborating on documentation (e.g. google docs)

Status:

- Project Idea - Undecided

Discussions:

- Talked about projects ideas:
 - Nick discussed his idea of a real estate application. Nick also talked about a chatting project that we could use using Socket.io. Also discussed a social networking app, and we could add more like message your friends (so a chatting app would be included).
 - Ed discussed a project on-boarding app for breaking down the class into 14 weeks and every week you would get reminders, tasks, etc. of all the things that need to get done (Slack channel, Github accounts, repo, Pivotal Tracker setup, etc).
 - Cori discussed a game like a checkers, Sudoku game using Socket.io.
 - Mike discussed video chatting/dating app.
 - Rob liked the idea of a peer coding app that Ravi discussed last week. He also talked about creating an Eclipse plugin.

- Ravi talked about the peer coding app. He also talked about creating a Chrome plugin that would save all your tabs in a text file.
- Nicholas showed us a demo of a barebones app he wrote.
- We discussed tooling and standardizing on them:
 - IDE: Brackets (most people are using, but not necessary) We decided to use what we feel more comfortable with.

Key Decisions

- It seems like we are comfortable with the MEAN stack.
- We decided to use Brackets as an IDE.
- We decided on X as a project.
- We decided to keep the weekly meeting on Thursdays @5pm the same.
- In addition, we decided to meet online on Sundays @4pm. This time would be used for more coding type of questions and discussions. We could use WebEx.

We voted as follows:

Ed: social app & messaging capabilities app

Nick: social app & messaging capabilities app

Robert: real time programming and chat app

Cori: game idea with a chat box

Mike: real time programming and chat app

Ravi: real time peer programming app

Arpita: real time peer programming app

Winner: social networking app

We discussed that the real time app would be the most complex. We concluded that we will do a social networking app.

Action Items:

- Need to get familiar with the codebase that Nick provided. Nick will commit his work to the repo so that we can ramp up.
- Members need to provide Github usernames so that we could add them to the repo - DONE

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/known 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