**CS673 Software Engineering**

**Team 3: Health and Wellness Manager**

**Meeting Minutes**

All meeting minutes are kept in this single document. The latest meeting minutes should be at the beginning of the document. For example, meeting 3 minutes is placed before meeting 2 in the document. The team leader should prepare a basic agenda for the meeting and team members should rotate to be the minutes taker. Each group should have at least one meeting per week, and you may have multiple meetings if needed.

**Meeting 16**

**Date and Time:** 10/13/2024 9:15pm

**Place**: Zoom

**Participants:** Eddie, Abbie, Zihao (Alex), Amanda, Chris, Kenny

**Minutes taker:** Chris

**Timekeeper:** Zoom— 45 mins

**Purpose:** Prep for final submission

**Agenda:**

* Review action items from Meeting 14
* Anything else?
* Final presentation roles

**Discussion:**

* Reviewed line by line actions from Meeting 14
* Anything else that’s left?
  + Confirm SonarQube
* Final presentation roles
  + Tried to divide roles based on blackboard requirements, TBD as we add in slides

**Key Decisions:**

* Not adding DOB to registration
* Attempt to record all in one video
* Roles assigned in presentation file on Google Drive <https://docs.google.com/presentation/d/1BnzaNEUb8rOBDWcs7IFkLF9IAP4FS1MP/edit#slide=id.g30a58fef988_0_0>

**Action Items:**

* CC sketch an approximate design pattern diagram based off charts
* Eddie to do dependabot stuff Monday around 7, just want to make sure everything is in already
* Does homepage UI improvement need the story description and acceptance criteria like everything else?
* CC merge Amanda PR about validation
* CC send message to Samantha after call confirming if we need SonarQube

**Meeting 15**

**Date and Time:** 10/10/2024 9:15pm

**Place**: Zoom

**Participants:** Eddie, Abbie, Zihao (Alex), Amanda, Chris

**Minutes taker:** Amanda

**Timekeeper:** Zoom— 15 mins

**Purpose:** Check in on progress

**Agenda:**

* Check in on progress

**Discussion:**

* Everyone is still working on tasks assigned from last meeting

**Key Decisions:**

* N/A

**Action Items:**

* N/A

**Meeting 14**

**Date and Time:** 10/8/2024 9:15pm

**Place**: Zoom

**Participants:** Eddie, Abbie, Zihao (Alex), Amanda, Chris

**Minutes taker:** Chris

**Timekeeper:** Zoom— 45 mins

**Purpose:** Assign tasks for Iteration 3

**Agenda:**

* Review tasks that need to get done

**Discussion:**

* Key features
  + Edit goal - **Alex**
    - Write server test, make sure tests pass
    - Review PR when done- **Amanda**
  + Update UI - Abbie
    - Change Grid2 to get rid of deprecated feature
    - Review PR when done - **Amanda**
  + Charts hook up to user data (and create the dummy user data) - **Chris**
  + Write chart tests - **Chris**
  + Write daily entry tests - **Eddie**
  + Additional tests - **Amanda**
  + Homepage UI additions - **Amanda**
  + Add date of birth to registration - *if we have time*
* Design and Implementation
  + Implement a design pattern - **Chris** to ask Samantha if we really need to implement one, tricky since we don’t have classes
    - Samantha replied: *“I think leaving suggestions for future improvements is fine but describing any patterns your code currently follows, or kind of follows, how it’s organized instead, would be good to include too”*
* Security vulnerabilities
  + Cookie instead of local storage - **Eddie**
  + Stronger password security - **Alex (changed to Kenny on Oct 12)**
    - Include test
  + Hardcoding of server URL - We will leave this, unless anybody is inspired to figure out the environment variable
  + Dependabot PR, merge into main - **Eddie**
  + Look into other security vulnerabilities shown on Github - **Eddie**
* Requirements Analysis
  + Make sure we cross off everything we have accomplished - **Chris**
    - Should aim to entirely cross off several epics
  + Apply story points - ?
* Final presentation
  + Reference outline on blackboard–**everybody add slides for their section**
* Final docs
  + Revised business logic diagram - **Chris**

**Key Decisions:**

* Tasks assigned above
* Will decide on Thursday if we have time to add any additional features (I suspect we should focus on refining what we have and building the final presentation)

**Action Items:**

* Actions assigned above

**Meeting 13**

**Date and Time:** 10/6/2024 9:15 pm

**Place**: Zoom

**Participants:** Eddie, Abbie, Zihao (Alex), Amanda, Kenny, Chris

**Minutes taker:** Abbie

**Timekeeper:** Zoom— 45 mins

**Purpose:** Review progress towards Iteration 2

**Agenda:**

* Goals
* Other progress?
* Documents

**Discussion:**

* What we can use goals for/ one overall goal / everyday goal?
  + Everyday goal - e.g. sleep 8h
  + Goals for different time period
* UML
  + Mongoose models are entitites
  + System is an entity
  + Can show how user interacts with the system

**Key Decisions:**

* Validate the daily data form
* For the goal, keep everyday goal
* Edit goals:
  + Change “Create Goals” to “Manage Goals”
  + Create and update functionality on the same page

**Action Items:**

* Alex - Edit goal
* Chris - fix daily data entry glitch, update some sections in docs
* Amanda - validate daily data form
* Abbie - revise UI for pages
* Eddie - server side test for API
* Update the documents
* Amanda Abbie Alex Eddie - Presentation
* Notes in the docs

**Meeting 12**

**Date and Time:** 10/3/2024 9:15 pm

**Place**: Zoom

**Participants:** Eddie, Abbie, Zihao (Alex), Amanda, Kenny, Chris

**Minutes taker:** Chris

**Timekeeper:** Zoom— 45 mins

**Purpose:** Review progress towards Iteration 2

**Agenda:**

* Login security
* Daily data object model
* Connection between client and server
* Other

**Discussion:**

* Login security
  + Localhost versus heroku functionality?
    - Potentially localstorage is causing issue
  + Applying to all pages except login and create profile?
* Daily data object model
  + Amanda and Abbie will work on that after meeting
* Connection between client and server
  + Hardcoding apiClient URLs within a switch statement for now. Other aspects of the application are more valuable in Iteration2.
* Other
  + Models TBD
  + Line chart TBD
  + Testing is in progress
    - Inserting user
    - Inserting a goal

**Key Decisions:**

* Response to feedback
  + Really emphasize more testing in Iteration2
  + Make sure files our all in the team3 folder directly on google drive
  + Weekly report do not group weeks
  + Amande abbie Eddie Alex doing next presentation so that everybody presents twice, then everybody on the last one
  + CC update timeline in SPPP
  + Diagram of database
* Fixed the login on the deployed version of the app!

**Action Items:**

* Still working on our items
  + Amanda and Abbie will work on that after meeting
  + Eddie applying authentication to other pages
  + Kenny testing
* Alex will take on the logout feature
* Chris add a very simple friend request, and add the test for this (based on lab3). Plus model file and line chart.

**Meeting 11**

**Date and Time:** 10/1/2024 9:15 pm

**Place**: Zoom

**Participants:** Eddie, Abbie, Zihao (Alex), Amanda, Kenny, Chris

**Minutes taker:** Alex

**Timekeeper:** Zoom— 1.5 hrs

**Purpose:** Review progress towards Iteration 2

**Agenda:**

* Review the progress
* Prepare for next presentation

**Discussion**

* User health metrics tracking database connect
* Login page jump to User personal information file
* Connect user ID with user goal

**Key Decisions**

* Not doing calendar, change to drop down menu

**Action Items**

* Amanda and Abbie to connect Tracking database
* Alex and Eddie to actual login security, make sure after user login, can not login again, and jump to their own information.
* Kenny to test functionality
* Chris do line charts on homepage, update apiClient.js to use env variable, and move models into separate folder

**Meeting 10**

**Date and Time:** 09/29/2024 9:15 pm

**Place**: Zoom

**Participants:** Eddie, Abbie, Zihao (Alex), Amanda, Kenny, Chris

**Minutes taker:** Chris

**Timekeeper:** Zoom— 45 mins

**Purpose:** Review progress towards Iteration 2

**Agenda:**

* Review progress
* Testing
* Deploying server to Heroku

**Discussion**

* Review progress
  + UI
    - Abbie did the UI for the pages and for the login
    - Amanda did the side nav
  + Login
    - Can successfully login if you do the right password
  + Automated CI/CD
    - Kenny updated so that push to dev automatically deploys to Heroku
    - Fixed the front end and backend communication
* Testing
  + Structure?
  + What kind of tests are people thinking about?
* Deploying server to Heroku
  + Kenny fixed

**Key Decisions**

* Make sure you’re working from the latest dev branch when you’re pushing your feature branch
* Use PRs when you make an update

**Action Items**

* Alex to do PR to move login branch to Dev so that Eddie can do JWT
* Resolve conflicts from working branches with dev–amanda to help look at Alex’s
* Move tests to client directory and make sure it runs, merge Amanda’s tests first

**Meeting 9**

**Date and Time:** 09/24/2024 9:00 pm

**Place**: Zoom

**Participants:** Eddie, Abbie, Zihao (Alex), Amanda, Kenny

**Minutes taker:** Kenny

**Timekeeper:** Zoom— 45 mins

**Purpose:** Review progress / delegate tasks for Iteration 2

**Agenda:**

* Review scrum backlog and decide next sprint stories
* What to do with repos we’ve created
* Someone to merge main to dev?

**Discussion**

* Iron out this sprints stories

**Key Decisions**

* Login/register/create profile flow

**Action Items**

* Eddie fill out Actual Log in Story acceptance criteria
* Kenny fill out acceptance criteria for story
* Move goal form to ice box
* Write acceptance criteria for user stories if they aren’t done already
* Eddie to make sure dev is same as main
* Alex to make sure password encrypted and login works

**Meeting 8**

**Date and Time:** 09/22/2024 9:00 pm

**Place**: Zoom

**Participants:** Eddie, Abbie, Zihao (Alex), Amanda, Kenny

**Minutes taker:** Eddie

**Timekeeper:** Zoom— 45 mins

**Purpose:** Review progress / delegate tasks for Iteration 1

**Agenda:**

* Go over action items from last meeting
* Discuss what needs to be done for Iteration 1 submission
  + SPPP
  + SDD
  + STD
  + Presentation / demo

**Discussion**

* Eddie and Kenny overlapped some work with putting Dockerfiles in server and client. Need to communicate better on what everyone is working on.
* We have functionality for adding users and creating goals (not tied to users yet)
* Screens done for Login, visibility implemented for password

**Key Decisions**

* Decided to stick with Heroku moving forward.
* Chose to use MUI instead of Bootstrap
* Everyone complete code Sunday, work on documents and presentation Monday

**Action Items**

* Implement only logging in as a valid user
* Everyone work on iteration 1 presentation and other documents
* Everyone log their manual testing in the STD
* Aim to have all documents finished by 9 pm Monday

**Meeting 7**

**Date and Time:** 09/19/24 9:15pm

**Place**: Zoom

**Participants:** Eddie, Abbie, Zihao (Alex), Chris, Amanda, Kenny

**Minutes taker:** Eddie

**Timekeeper:** Zoom— 45 mins

**Purpose:** Review UML Diagram and sprint standup

**Agenda:**

* Review UML Diagram
* Review progress - tickets
* Assign stories, discuss testing

**Discussion**

* Review main combined UML Diagram
* Continue discussion on viability of switching to Azure for free
  + Student access appears to be heavily restricted
* Review server-client setup
  + Demo how to run
  + Set up basic routing, can begin making views
* Will need to research writing tests in Javascript using Jest

**Key Decisions**

* Have two Dockerfiles for server and client
* Keep health data simple, all easily tracked with numbers
* Merge db\_test to dev

**Action Items**

* Update readme with instructions on how to run
* Research and investigate splitting Dockerfile for server and client
* Send email to investigate student Azure access
* Tasks added to Jira, summary here:
  + Amanda doing Create Profile and Goals, and to update JS schemas to match her UML diagram
  + Abbie doing Daily Summary of Health Data Form (and CSS if there is time, maybe bootstrap)
  + Kenny (and maybe Eddie) working on clarifying the folder structure and docker situation
  + Eddie and Alex doing login, don’t need to worry about limiting user access to pages for Iteration 1
  + Chris to draw architecture diagram

**Meeting 6**

**Date and Time:** 09/17/24 9:45pm

**Place**: Zoom

**Participants:** Eddie, Abbie, Zihao (Alex), Chris, Amanda, Kenny

**Minutes taker:** Amanda

**Timekeeper:** Zoom— 45 mins

**Purpose:** Review progress and assign story leads

**Agenda:**

* Zoom config
* Review progress - Schema
* Review progress - Database
* Assign story leads

**Discussions:**

* Zoom config
  + Can meet longer than 40 mins
* Review progress - Schema (Alex)
  + Can translate to JS
  + Can do health data types as enum
* Review progress - Database
  + Everybody should be able to connect
* Assign story leads
  + Based on Lab2? Or other?

**Key Decisions:**

* Login
  + Alex and Eddie
* Add Goal
  + Goal schema connected to User
* Manage Health Data Form
  + Possibly Abbie
* Simple Visualization of Health Data (e.g. Line chart showing steps over week)
  + TBD

**Action Items:**

* Team to share UML diagrams from Lab 2
* Chris to see whether we can all get access to MongoDB
* Eddie to message Samantha/Professor about moving Dockerfile up to parent folder
* Chris to make simple user table in React, demonstrate connection to database, will help others make their pages, show how it all works
* Amanda and maybe Kenny to work on aligning one UML diagram and bringing schema to JS (working from Alex’s SQL schema)

**Meeting 5**

**Date and Time:** 09/15/24 9:30pm

**Place**: Zoom

**Participants:** Eddie, Abbie, Zihao, Chris, Amanda, Kenny

**Minutes taker:** Amanda

**Timekeeper:** N/A— 45 mins

**Purpose:** Check on progress

**Agenda:**

* Kenny to talk through Heroku deployment + Docker image
* Review tickets that have been completed
* Discuss any blockers

**Discussions:**

* Heroku cost
  + Kenny had to pay $5 to use Heroku, we thought it was free
  + Kenny is not able to add us to the team without having to pay more
  + Considering other options that could be free - Azure student offer
* Figma board
  + Abbie showed new mockup pages
* Testing environment
  + Amanda showed how testing environment works

**Key Decisions:**

* N/A

**Action Items:**

* Ask Professor or Samantha if we can put Docker file in root folder

**Meeting 4**

**Date and Time:** 09/12/24 9:15pm

**Place**: Zoom

**Participants:** Eddie, Abbie, Zihao, Chris, Amanda, Kenny

**Minutes taker:** Amanda

**Timekeeper:** N/A—15 mins

**Purpose:** Delegate tasks in Jira

**Agenda:**

* Review and delegate tasks

**Discussions:**

* Determine who will own each Jira ticket

**Key Decisions:**

* Assigned tickets for Iteration 1 Sprint
  + See Jira board: <https://seprojects-cs673olf24team3.atlassian.net/jira/software/projects/HW/boards/1/backlog>

**Action Items:**

* Team members to work on their assigned Jira tickets before next meeting

**Meeting 3**

**Date and Time:** 09/11/24 9:15pm

**Place**: Zoom

**Participants:** Eddie, Abbie, Zihao, Chris, Amanda, Kenny

**Minutes taker: Chris + team collaboration in Google doc**

**Timekeeper: N/A—40 mins**

**Purpose: Check in before submission**

**Agenda:**

* **Introduce Kenny to project**
* **Discuss risks**
* **Review SPPP together**
* **Review remaining tasks for submission**

**Discussions:**

* **Regular meeting time**
  + **8pm is probably good**
  + **Tu/Thr/Fri are good for Kenny**
* **Risks**
  + **Simplify some risks**
  + **Retirement cost is how much effort required to take off the risk**
* **SPPP**
  + **References are for any research done, class readings or other**

**Key Decisions:**

* **8pm Thursday/Sundays is best for recurring meeting**
* **Kenny may become team lead moving forward**

**Action Items:**

* **Will confirm recurring meeting time in Discord chat**
* **Finalize SPPP**
* **Finalize Risk Management Doc**
* **Chris to finish presentation + record video**
* **One team member to make release in Github**

**Meeting 2**

**Date and Time:** 09/08/24 7pm

**Place**: Discord Voice

**Participants:** Eddie, Abbie, Zihao, Chris, amanda

**Minutes taker: Chris + team collaboration in Google doc**

**Timekeeper: N/A—1 hour**

**Purpose: Establish project idea**

**Agenda:**

* **Roles**
* **Project Ideas**
* **Presentation**
* **Other notes**

**Discussions:**

* **Roles**
  + **Team Leader: Chris**
  + **Requirement Leader: Chris**
  + **Design & Implementation Leader: Abbie (can use Figma to build demo)**
  + **Configuration Leader: Eddie (experience in devops)**
  + **QA Leader (testing, automated testing): Amanda**
  + **Security Leader: Alex**
* **Project Ideas**
  + **Camera project is hard to achieve right now**
  + **2 votes on pet adoption:**
    - **Pet adoption, help pets find a new home. Application file to adopt. Roles: Who is putting the animal up for adoption, who wants to adopt an animal**
    - **Post dog and cat information from shelter**
  + **3 votes:**
    - **Alex: Minigames, puzzles**
    - **Eddie: Players have tangible progress**
  + **5 votes for health and wellness:** 
    - **Healthy lifestyle management, calendar (like the volunteer dashboard), diet and training log and healthy data, steps, reminders**
    - **Health and wellness tracker,s steps, exercise, diet, water intake. Set goals on what to achieve each week, progress bar visualization tracking nearness to goal achievement. Include a calendar.**
  + **Virtual tour of landscape(VR)**
  + **Playlist builder. Itunes API pull music based on what people are searching, drag and drop and build your own playlist, stats on genres/artists**
  + **—-------**
  + **Winner is health and wellness**
  + **Abbie maybe could build a logo**
  + **Project name: Health Wellness Manager (can always come up with something cooler later)**
* **Presentation**
  + **SPPP**
  + **Slide per role with updates**
* **Other notes**
  + **Make Jira tickets smaller manageable task so they can be clearly delegated**
  + **Jenkins and Web city for deployment more appropriate**
  + **Heroku**
  + **Security requirements can be connected to risks**
* **After meeting notes:**
  + **Note from class: Sam will be facilitator**
  + **Maybe use data from Kaggle as dummy data?**
  + **Professor says everybody should be committing on GitHub**

**Key Decisions:**

* **Adjusted roles—Amanda and Alex switch**
* **Will use Mongo cloud based database.**
* **Abbie will not develop a Figma mockup just yet, because at this stage we need to plan the requirements first. Figma will be helpful to plan what to code.**

**Action Items:**

* **Everybody continue filling out SPPP**
* **Chris email Jira link to Amanda**
* **Eddie check Heroku or other deployment method**
* **Chris email zoom link for next meeting, this is better**
* **Chris will email codewithmosh React tutorial**
* **Next check in on Tuesday**
* **After meeting notes:**
  + **Need to designate Code Reviewer in the next meeting**
  + **If there is time, I may deploy a basic React webpage saying “hello world” with a connection to a mongo cloud database for Iter0**

**Meeting 1**

**Date and Time:** 09/06/24 8pm

**Place**: Discord Voice

**Participants:** Eddie, Abbie, Zihao, Chris

**Minutes taker: Chris**

**Timekeeper: N/A—40 minute call**

**Purpose: Initial meeting to discuss project plan**

**Agenda:**

* **Tech stack preferences**
* **Assign roles**
* **Project ideas**
* **Plan tasks for iteration 0**
  + **Requirement Analysis Tool? (Pivotal Tracker?)**
  + **Management tool? (Github Actions?)**
  + **Risks?**

**Discussions:**

* **Tech stack preferences**
  + **Abbie likes REACT, Eddie likes REACT**
  + **Zihao uses Vue**
  + **We agree on REACT**
* **Assign roles**
  + **Team Leader: Chris**
  + **Requirement Leader: Chris**
  + **Design & Implementation Leader: Abbie (can use Figma to build demo)**
  + **Configuration Leader: Eddie (experience in devops)**
  + **QA Leader (testing, automated testing): Zihao**
  + **Security Leader: Zihao or Amanda (tentative)**
* **Project ideas**
  + **Online learning platform option from project description**
  + **Volunteer dashboard (already started, can enhance)**
  + **Camera detector, upload a video and see how many terrorists / guns show in a video**
  + **Other ideas?**
  + **TBD in chat, will set up a poll**
* **Plan tasks for iteration 0**
  + **Presentation**
    - **Each person give an overview of their section,**
  + **Requirement Analysis Tool? (Pivotal Tracker?)**
    - **Jira, will send link to group**
    - **Github Actions, for deployments**
      * **Other ones are Jenkins and Team City, but maybe not appropriate for a web app**
    - **Just use Jira**
  + **Risks?**
    - **What’s the deal with this? TBD**

**Key Decisions:**

* **Will use REACT**
* **Roles assigned**
* **Will figure ideas**
* **Will use Jira**

**Action Items:**

* **Figure out if Amanda can join (Abbie send email)**
* **Meet again on Sunday before class to chat about project ideas**
* **Chris will send link to google drive**
* **Chris will send link to Jira**
* **Who is submitting? (probs just team leader right?)**