CS673 Software Engineering
Team 3 : Team Buddy
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 3

Date and Time: 9/13/2025 3:15 - 3:40 PM EST
Place: MET 101
Participants: Bohan, Junzhe, Melissa, Shinu, Dexiao
Minutes taker: Melissa
Timekeeper: Melissa
Purpose: Preparing for Iteration 0 presentation, explaining Jira, opening the floor for miscellaneous questions/concerns/actions

Agenda:

- Give everyone 5 minutes to address anything they need multiple members to act on
- Clarify Jira usage
- Choose who will be doing iteration 0 presentation

Discussions:

- Go around the table with any concerns the group needs to address
    - Melissa: explaining the requirements document and ask everyone to read/edit it
    - Dexiao: reminder to do documents for iteration 0
    - Shinu: asking clarification on language, frameworks, and software we are using
    - Bohan: asked clarification on how story points work with Jira
- Describe how Jira works
    - How to create tasks
    - How to assign tasks
    - What should happen if no one chooses an important task
- Talking about iteration 0 presentation
    - Clarified what is needed for the presentation

    - Decided to do 2 person groups with no overlap for first 3 presentations

Key Decisions:

- Shinu will work with Junzhe to implement security into the configuration
- Presentations for iterations 0, 1, and 2 will be done with 2 person teams so each person is responsible for a single presentation

Action Items:

- Look at requirements document and add changes if necessary - everyone
- Finish documents for iteration 0 - everyone
- Create iteration 0 presentation - Melissa and Shinu

Meeting 2

Date and Time: 9/13/2025 15:05 - 16:15 PM EST
Place: Discord
Participants: Bohan, Junzhe, Melissa, Shinu, Dexiao, Qiuting
Minutes taker: Qiuting
Timekeeper: Qiuting
Purpose: Idea brainstorming, project type determination (Study Buddy!), SPPP sections assignment, and GitHub repository creation.

Agenda:

- Discussion of our team name
- Reassign role due to the addition of a new team member
- Reevaluation and discussion of the project idea after research
- Decide project direction (game vs. tool)
- Discuss the feasibility of game development within the class timeframe
- Decide on initial frameworks and tools (GitHub, JIRA)
- Assign sections of the SPPP file for iteration 0 to each team member

Discussions:

- Project ideas raised:
    - Full-scale video game (Pokémon-like monster fighting & collecting) → concerns about copyright and scope.
    - Fusion generator tool (combine creatures) → feasible but limited originality.
    - Puzzle game → simpler, feasible for semester timeline.

    - Educational game/tool → adds portfolio value, aligns with professor's expectations.
    - "**Study Buddy**" app → virtual pet encourages studying, pet dies if user skips study; widely liked.
    - Secondhand selling platform → noted but less enthusiasm.
- Feasibility concerns:
    - Building a full video game is too large in scope.
    - Making a simple, scalable version (a few monsters, basic sprites) could be doable.
    - Educational angle or utility may be a stronger fit for course evaluation.
- Tools & setup:
    - Framework: **mobile + web** (Unity, React, etc. needs further discussion).
    - Repo: **GitHub** repository ("study-buddy").
    - Project tracking: **JIRA** (to break work into small tickets, integrate with GitHub).
    - Iteration 0 deliverables: SPPP, Risk Management, and initial documentation.
- Work division:
    - SPPP has 9 sections; each member will take ownership of 1–2 sections.
    - Risk management: everyone contributes at least 2 risks.

Key Decisions:

- Project will be "Study Buddy" app (virtual pet to motivate study).
- Development framework: React (mobile app + web support).
- Repository: GitHub repo "CS673A2F25Team3" created.
- Project tracking: JIRA for tasks, integrated with GitHub.
- Team name: temporary "Team 3", may refine later.
- Iteration 0: focus on documents (SPPP, risk management) rather than coding.
- Role assignments:
    - Section 1–2: Bohan
    - Section 3: Qiuting
    - Section 4: Melissa
    - Section 5: Shinu
    - Section 6: Kimi/Elijah
    - Section 7-9: Everyone
- New team member role assigned:
    - Qiuting: Design / Implementation Leader & Configuration Leader

Action Items:

- Create GitHub repo
- Create a Google Doc for further brainstorming of design ideas - Kimi

Meeting 1

Date and Time: 9/11/2025 15:15 - 16:30 PM EST
Place: MET 101
Participants: Bohan, Junzhe, Melissa, Shinu, Dexiao
Minutes taker: Bohan
Timekeeper:
Purpose: Team introductions, role assignment, and project brainstorming.

Agenda:
- Introduction
- Assigning roles
- Brainstorming
- Determining the use of tech stack
- Determining our communication plan

Discussions:
- Project idea brainstorming
    - Each team member proposed one or two potential project ideas, including:
        - Path Finder related game
        - Rescue application
        - Online project-based learning platform
        - Dress-up game
        - Stock price prediction tool
        - Word processor
        - Pokemon-inspired game
    - The team reviewed each idea and discussed feasibility.
    - Agreed to narrow the options down to three final candidates, then vote to select the team's project.
- Tech Stack Discussion
    - Each member shared the technologies they are most comfortable with.
    - Discussed possible additional tools and frameworks that may be needed depending on the chosen project

- Communication plan
    - Weekly Meetings: **In-person** every Thursday after class at MET 101.
    - Online Meetings: **Zoom** or **Discord** will be used if additional meetings are required.
    - Messaging & Polling: **Discord** channel will be used for quick updates and scheduling online meetings.
    - Project Management: **Jira** will be used to track tasks, progress, and responsibilities.

Key Decisions:

- Project idea: Dress-up game. Our proposed project idea is to develop a Dress-up Game that combines creativity, interactivity, and technology. The game will be designed as an H5 web-based application, with the front end built using React to provide a smooth, responsive, and engaging user experience. The backend will be developed in Java, ensuring reliability, scalability, and efficient handling of game logic and user data. A unique aspect of the game is the integration of AI in the backend, which will be responsible for evaluating and assigning a rating score to each outfit that players create depending on the weather of the location the player is at. The security will be ensured by asking user permission of getting the location data when the user asks for rating. If the permission is denied, lat and long will be asked. The feature not only makes the game more interactive but also introduces an element of objectivity and challenge, as players will receive instant feedback on their styling choices. The combination of modern web technologies with AI-driven evaluation will make the Dress-up Game fun and technically innovative, while also providing our team with hands-on experience in full-stack development and artificial intelligence applications.
- Technology stack:
    - React
    - Java
    - Pytorch
    - JavaScript
    - libGDX

Action Items:

- Setup Jira
- Role Assigned:
    - Melissa: Team Leader & Requirement Leader
    - Bohan & Dexiao: Design / Implementation Leader & QA Leader
    - Junzhe: Security Leader
    - Shinu: Configuration Leader

Below is an example from a previous project (You shall delete this part in your meeting minutes)

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