**CS673 Software Engineering**

**Team 3 Meeting Minutes**

**Week 1 (1/27/2021 - 2/2/2021)**

**Date and Time:** 1/31/21, 4:00 PM

**Place**: Zoom

**Participants:** Sandra, Jay, Pelin, Eli, Chenghao, Dinara

**Minutes taker:** Sandra

**Purpose:** Kickoff meeting

**Agenda:**

1. Determine project topic + title
2. Determine stack/languages
3. Discuss requirements
4. Finalize roles
5. Establish communication plan

**Discussions:**

1. Members introduced themselves and shared technical experience
2. Unfilled roles that were not taken
3. Slack will be used as main communication
4. Brainstormed project ideas
5. Project Ideas:

* Online store DT, JW, EC, PA
* Game site DT, SZ
* Tutoring website EC, PA, CF
* Chat website JW
* Game site with chat function for gamers SZ

**Online store -**

**Ebay style**

**Etsy website**

1. Tech Stack Examples:

* Backend
  + Python flask - EC, JH, DT, PA, CF
  + Java Spring - EC, CF
  + NodeJS
  + Firebase
* Frontend
  + JS, HTML,CSS - DT, PA, CF EC
  + ReactJS - SZ, DT, JH
  + Gatsby
  + AngularJS
  + Vue.js

1. Requirements:

Minimum Viable Product:

* User account - has orders and inbox (currency)
  + (?) Use points to buy and sell things, check in everyday to get points
  + (?) Match ppl who want certain products for trade
* Item sale - user can post items for sale with price
* Place an order - one or many items

Extras:

* Rating for product and/or seller
* Recommendation Engine
* User can post reviews
* Bidding
* Trading
* advertisements?
* Additional payment options upon checkout
* [Maybe] Seller and buy chat (maybe for delivery or product quality qs??)

**Key Decisions**

1. Roles were defined.

**Action Items:**

1. Eli- backend
2. Dinara, Jay - design
3. Sandra - learn flask
4. Chenghao - learn data security
5. Pelin- Learn backend and front end. Practice GitHub
6. Start filling out proposal

**Week 2 (2/3/2021 - 2/10/2021)**

**Date and Time:** 02/07/21, 2:00 PM

**Place**: Zoom

**Participants:**Jay, Pelin, Eli, Chenghao, Dinara

**Minutes taker:** Dinara

**Purpose:** Decide on the website design and features

**Agenda:**

1. Project was chosen based on the slack pool
2. Sandra left team and her role needs to be filled

**Discussions:**

1. Eli started backend coding in python
2. Dinara showed app that seems to be nice to use for website design
3. Jay showed website example that is not present in the US

**Key Decisions**

1. Website features were more or less set

**Action Items:**

1. By Wednesday 5 pm all team members should put their suggestions so they are considered during website design
2. SPPP document was divided between teams to fill out based on their roles
3. Eli and Dinara will prepare trainings on backend and frontend respectively
4. Jay and Dinara will finish website design
5. Next meeting will be on Sunday, Feb 14th, 1 pm, expect 2 hrs long.

**Week 3 (2/10/2021 - 2/17/2021)**

**Date and Time:** 02/14/21, 1:00 PM

**Place**: Zoom

**Participants:**Jay, Pelin, Eli, Chenghao, Dinara

**Minutes taker:** Dinara

**Purpose:** Divide front end between people. Learn about back-end. Work on presentation 0. Work on SPPP.

**Agenda:**

1. SPPP
2. Presentation 0
3. Website design
4. Front end
5. Back end

**Discussions:**

1. Eli gave a training on back end
2. Dinara presented front end
3. Talked about presentation 0
4. Password security presentation from Chenghao

**Key Decisions**

**Deadline next Sunday**

1. Logo - image - Jay
2. Website name - ziczac
3. Front end was divided into:
4. Header - Dinara
5. Footer - Chenghao
6. Section 1 - Pelin (categories with pictures and titles)
7. Section 2 - Eli (item display)
8. Section 3 - TBD

2. Eli will divide backend - exception from the deadline

Deadline - Wed 17th by 5:30 pm

Presentation 0 (15 min?????):

1. Jay - introduce project and overview
2. Dinara - design and front end
3. Eli - backend
4. Chenghao - Password security and other
5. Pelin - QA and summary

SPPP DONE for 02/17:

1. Overview JW
2. Related Work JW
3. Proposed High level Requirements JW
4. Management Plan EC
5. Quality Assurance Plan PA
6. Configuration Management Plan DT
7. References CF
8. Glossary CF

**Action Items:**

**Everyone:**

1. Work on front end sections, due Sun Feb 21 2 pm
2. Create slides for iteration 0, due Wed Feb 17th 5:30

<https://docs.google.com/presentation/d/1Nw9wVv-1YlnrJ_eyreU1lkCbWKo94oxOpSXBd7oagAA/edit#slide=id.p>

1. Meet 30 min before class on Wednesday Feb 17 (5:30 pm)
2. Next meeting: Sunday Feb 21 2pm

**Week 4 (2/17/2021 - 2/24/2021)**

**Date and Time:** 02/21/21, 2:00 PM

**Place**: Zoom

**Participants:**Jay, Pelin, Eli, Chenghao, Dinara

**Minutes taker:** Eli

**Purpose:** Review work done by group on home page. Plan product page?

**Discussions:**

* Dinara: ReactJS for front end
* Eli: products section of homepage
* Jay: chat feature
* Categories section of homepage

**Decisions:**

* This week: adopt ReactJS for front end stack
* Team to begin learning react and javascript
* Eli looking into integration with flask
* Dividing homepage header and footer components, 3 primary section components
* Aim to have functional app by next week just with skeleton code

**Week 5 (2/24/2021 - 3/3/2021)**

**Date and Time:** 02/28/21, 12:30 PM

**Place**: Zoom

**Participants:**Jay, Eli, Chenghao, Dinara

**Minutes taker:** Jay

**Purpose:** Discuss on weekly progress and decide for next week.

**Agenda:**

- Discuss weekly progress.

- Decide individual tasks for next week.

**Discussions:**

< Eli >

- Worked on Flask / React integration.

- Created the sign-in function with incorrect password messaging.

- Able to move the sign-in page to Home back and forth.

- Sign-up is not fully functional yet.

< Jay >

- Researched on Chat App and learned React js.

- Created and showed chat app demo with chatengine.io and react js

- Tried to research other chat APIs or methods.

<Dinara>

- Checked and searched errors for the website after adding new features.

- Worked on the product display page.

<Chenghao>

- Worked on the footer page.

<Pelin>

- Worked on the product section page.

**Key Decisions:**

**Action Items:**

* Eli will work on sign-in/sign-up and product display.
* Pelin will add functionality to the section page.
* Jay will research on creating a more compatible one to one chat system.
* Chenghao will work on the footer page
* Dinara will work on the product uploading page (by the seller).

Everyone

* Should be working on SPPP on their own section.

**Week 6 (3/3/2021 - 3/10/2021)**

**Date and Time:** 03/07/21, 2:00 PM

**Place**: Zoom

**Participants:**Jay, Eli, Chenghao, Dinara, Pelin

**Minutes taker:** Pelin

**Purpose:** Discuss on the iteration 1 presentation and the responsibilities for the upcoming week

**Agenda:**

- Discuss weekly progress.

- Decide individual tasks for the iteration 1 presentation

- Update SPPP document and start SDDD document

**Discussions:**

< Eli >

- Worked on integrating categories with the product page.

- Came up with the iteration 1 structure

- Will work on integrating items with product cards

- Worked on product sorting feature. Will work on sorting it correctly.

- Worked on sign up button and it is fully functional

-Worked on directory structure

< Jay >

- Worked on chat system on the webpage

- Will implement the chat system before iteration 1 presentation

- Will research private messaging feature

<Dinara>

-Created product page as list of products in form of cards

- Created slides on UI.

- Worked on seller rating feature

- Will present wireframe diagrams

<Chenghao>

-Completed the password security part (encryption and strength)

- Will work on password security for iteration 1 presentation

-Will present password hash file he created

<Pelin>

- Created buttons for categories.

- Will work on testing for iteration 1

**Key Decisions:**

**Action Items:**

* Eli will work on integrating items with product cards and prepare for iteration 1 presentation
* Pelin will work on QA part of the iteration 1 presentation
* Jay will research how to create a private chat system and prepare for iteration 1 presentation
* Chenghao will work on password security part of iteration 1 presentation
* Dinara will add UI slides and wireframes in the iteration 1 presentation

Everyone

* Should work on iteration 1 presentation and start SDD document

**Week 7 (3/10/2021 - 3/17/2021)**

**Date and Time:** 03/14/21, 12:00 PM

**Place**: Zoom

**Participants:**Jay, Eli, Chenghao, Dinara, Pelin

**Minutes taker:** Chenghao

**Purpose:** Discuss project status and the responsibilities for the upcoming week

**Agenda:**

* Discuss the weekly progress
* Discuss current issues and suggestions of improvement
* Discuss individual tasks for next week

**Discussions:**

* Eli: solved database issues; show part of the progress of backend; solve Pelin’s question
* Dinara: updated the product category page; suggest to use branches; suggest to update pivotal tracker more frequently
* Jay: tried to deal with the private message content; discuss the link issue (need a button to connect to the chat system)
* Pelin: solved the question of opening the project; discuss the link issue (If the user hasn’t logged in, he should do it before opened the chat system); discuss the sort issue
* Chenghao: researched the “https” related materials, but still felt confused; check the progress of connecting scripts of password security; discuss limitation of login time (this suggestion has been turned down)

**Key Decisions:**

* Recommend to use individual branches in order to prevent bugs on the main branch
* Everyone continues their own part

**Action Items:**

* Eli will work on the product detail pages
* Dinara will work on the styling of website
* Jay will integrate the chat system to the web page; also continue to deal with issues of private message
* Pelin will continue to research python unit testing
* Chenghao will try to apply “https” to the project; help Eli connect scripts of password security to the current code, if necessary
* Next Meeting: Sunday 3/21 at 2 pm (if no time confliction)

**Week 8 (3/17/2021 - 3/24/2021)**

**Date and Time:** 3/21/21 2PM

**Place:** zoom

**Participants:** Jay, Eli, Pelin, Chenghao

**Minutes taker:** Eli

**Purpose:** Discuss project status and the responsibilities for the upcoming week

**Agenda:**

* Review state of project and any current open pull requests
* Discuss responsibilities and tasks for the week

**Discussions:**

* Jay: integration of chat system going well
  + May set up meeting to talk more about chat system this week
* Eli: added photos and product detail page, showed new style of category buttons by Dinara
* Pelin: discuss testing files, file location, content
  + Brainstorm ways to contribute more on implementation
* Filling out SDD more completely this week
* Chenghao: update on security file status, HTTPS
  + Next week: adding functionality to footer

**Action items:**

**Week 9 (3/24/2021 - 3/31/2021)**

**Date and Time:** 3/28/21 2PM

**Place:** zoom

**Participants:** Eli, Jay, Chenghao, Dinara

**Minutes taker:** Dinara

**Purpose:** Project progress and action items

**Agenda:**

* 04/07 Iteration 2
* SDD

Glossary? Is it abbreviation decoder or explanation of terms?

Database design, Open API and other things

**Discussions:**

* Due 04/07 - iteration 2, lab3, quiz2
* No class wed mar 31
* SQlite studio - each one need to install on the laptop
* Heroku deployment done <https://ziczac3.herokuapp.com/Home>, clean up due Iteration3

iteration 2:

* Presentation
* SDD

Database design - Eli

Security Design - Chenghao

Design Patterns - everyone to look into it

Key algorithms - everyone to look into it

Classes and methods:

Flask - Dinara / Eli

React - Jay

* SPPP - mostly done (but put your updates if you have any)
* Move everything after section 2 to “about us” - Pelin
* Add more design - Dinara??? Headers larger
* Fix path on img click in the header

**Action items:**

Due items for presentation2 before Sunday Apr 4th:

* Database - Done
* Improved design - Done
* Initial Heroku Deployment - Done
* Search function - Done
* Post a product - to be done by Eli
* (Jay) Working chat - Implementation to be done before iteration2, work with Dinara to put it on the website - Done
* (Jay) Work with Eli on connecting chat to the SQLite - TBD.
* Testing: ??? (Unit tests - 1 class/component test to demo for presentation2)
* Security: Done
* Email system - we do not have it, Chenghao and Dinara to look into it
* Meet with Pelin to update her

Next meeting:

Sunday Apr 4th - 12 pm or 2 pm

**Week 10 (3/31/2021 - 4/7/2021)**

**Date and Time:** 4/4/21 12PM

**Place:** zoom

**Participants:** Eli, Jay, Chenghao, Dinara, Pelin

**Minutes taker:**

**Purpose:** Project progress and action items

**Discussions:**

Iteration 2 Presentation

Jay : Chat Integration, future chat(private chat)

Eli : Updated functions of Website

Dinara : Herako, future steps Herako, React JS Functional

Pelin : UI automating test, Selenium results

Chenghao : updated password security

**Action items:**

Working for the given part of iteration 2 presentation.

Next meeting:

Sunday Apr 11th - 12 pm or 2 pm

**Week 11 (4/7/2021 - 4/14/2021)**

**Date and Time:** 4/11/21 12PM

**Place:** zoom

**Participants:** Eli, Jay, Chenghao, Dinara

**Minutes taker:** Eli, Chenghao

**Purpose:** Project progress and action items

**Agenda:**

* Review the project
* Discuss the current issue
* Tasks

**Discussions:**

* Eli: Demo new private chat system
* Dinara: Deployment, heroku, API doc; also talks about the issue of deploying the herokuapp browser; discuss the “like” function; talks about the user stories.
* Chenghao: contact us/email
* Jay: looking into localStorage?

**Key Decisions:**

* Chat System is one of the major parts

**Action Items:**

* Eli will do the automatically log out for the account
* Dinara will integrate the contact us part; and looking into the herokuapp
* Jay will looking into Elli’s code and think about what we can deploy more
* Chenghao will make a gmail account for the group, and connect it to the contact us function

Next meeting:

Sunday 4/18 - 12 pm or 2 pm

**Week 12 (4/14/2021 - 4/21/2021)**

**Date and Time:** 4/18/21 12pm-1pm

**Place:** zoom

**Participants:** Eli, Dinara, Pelin, Chenghao

**Minutes taker:** Pelin

**Purpose:** Project progress and action items

**Agenda:**

- Discuss the new features on the website

- Discuss the existing issues on the website

- Discuss iteration 3 presentation

**Discussions:**

* App.py refactoring
* Section2 inf loop
* Implementation of contact us feature
* Issues with running chat system feature on visual studio code
* Preparation for iteration 3 and what each person will present
* Discuss the feedback from iteration2
* Refactoring selenium test scripts
* Conflict between development branch and main branch

**Key Decisions:**

* Prioritize existing issues on the website
* Making presentation plan for iteration3
* Work on refactoring

**Action Items:**

-Working on iteration 3 presentation

-Focus on existing bugs

Last meeting on 4/25/21

**Week 13 (4/21/2021 - 4/28/2021)**

**Date and Time:** 4/25/21 12pm

**Place:** zoom

**Participants:** Eli, Dinara, Jay, Pelin, Chenghao

**Minutes taker:**

**Purpose:** Planning final presentation

**Agenda:** Prepare for final presentation

**Discussions:**

Presentation plan:

Jay: recap initial plan & requirements

Dinara: software architecture, configuration

Eli: iteration 3 updates + demo

Pelin: testing & feature status

Chenghao: security review

Conclusion & takeaways: all members share what they learned from the project

**Action Items:**

All team members will work to ensure slides are filled in by Wednesday.