**Meeting #1: Understanding the project**

**Meeting Details**

* Date: January 22,2019, Tuesday
* Time: 3:30pm – 4:30 pm
* Location: Taylor Library Media Room 171D
* Meeting notes taker: Xiaoxuan Yang

**Attendees**

* Yu Wu
* Shuming Zhang
* Xiaoxuan Yang
* Lishan Huang
* Cheng Chen

**Announcements**

* Date and location of next meeting is determined.

**Agenda**

* Introducing group members
* Sharing general understanding of the project one by one
* Determining what the next stage of the project is

**Discussion**

* This publish-subscribe system is a system between publishers and subscribers that handling posted information.
* The system we are going to build is similar to YouTube’s on the subscribers’ side.
* Our next deliverable is the Software Requirements Specification document (SRS).

**Next Meeting**

* Date: January 26,2019, Saturday
* Time: 10:30am – 12:30 pm
* Location: Taylor Library Media Room 171A
* Purpose: Discuss how we are going to write the SRS document
* Notes: Read all posted documents again and highlight all the key points before the next meeting

**Meeting #2: SRS Document**

**Meeting Details**

* Date: January 26, 2019, Saturday
* Time: 10:30am – 12:30 pm
* Location: Taylor Library Media Room 171A
* Meeting notes taker: Xiaoxuan Yang

**Attendees**

* Yu Wu
* Shuming Zhang
* Xiaoxuan Yang
* Lishan Huang
* Cheng Chen

**Announcements**

* The SRS template is posted as a google doc so that we can all edit it.
* SRS document due date has changed.

**Agenda**

* Discussing the components of the SRS document
* Understanding five use case scenarios
* Split SRS document into 4-5 parts so we can assign the work to different team members

**Discussion**

* *Use case descriptions* (section 2.2), use case diagrams (section 2.3) and interaction diagrams (4) can be assigned to two group members, which means those two people can work as a small group.
* Except diagrams discussed above, there are two more diagrams: an actor inheritance diagram for actors and a Gantt diagram for activities plan.
* We divide the tasks needed to be done for the first deliverable, which includes the SRS document and the meeting diaries, into 4 tasks and we assign each task to one or more team members as shown in the table below:

|  |  |  |  |
| --- | --- | --- | --- |
| Task Number | Number of group members needed | Task details: section number in SRS document | Assigned to |
| 1 | 1 | Section 1, section 5, section 6 and section 7 | Cheng Chen |
| 2 | 1 | Section 2.1 and meeting diaries before February 28 | Xiaoxuan Yang |
| 3 | 2 | Section 2.2, section 2.3 and section 4 | Lishan Huang and Shuming Zhang |
| 4 | 1 | Section 3 | Yu Wu |

**Next Meeting**

* Not determine

**Meeting #3: First discussion on SDD**

**Meeting Details**

* Date: March 3, 2019, Sunday
* Time: 11:30am – 12:30 pm
* Location: online
* Meeting notes taker: Xiaoxuan Yang

**Attendees**

* Yu Wu
* Shuming Zhang
* Xiaoxuan Yang
* Lishan Huang
* Cheng Chen

**Announcements**

* As stated in our course outline, our next deliverable SDD is due on March 18.

**Agenda**

* Understand what a Software Design document is and its purpose.
* Read through and analyze the SDD template that is posted on OWL.
* Split SDD into parts and assign the work to different team members

**Discussion**

* The purpose of the Software Design document is to provide overall guidance to the architecture of our project.
* We divide sections in SDD into three major tasks: (1) writing Introduction and Major Design Decisions, (2) creating component diagram and deployment diagram for Architecture of our project, and (3) creating Detailed Class Diagram
* we assign each task, including the meeting diaries to one or more team members as shown in the table below:

|  |  |  |  |
| --- | --- | --- | --- |
| Task Number | Number of group members needed | Task details | Assigned to |
| 1 | 1 | Writing Introduction and Major Design Decisions in SDD | Shuming Zhang |
| 2 | 2 | creating component diagram and deployment diagram | Xiaoxuan Yang and Yu Wu |
| 3 | 2 | Creating detailed class diagram | Lishan Huang and Cheng Chen |
| 4 | 1 | Writing meeting diaries | Xiaoxuan Yang |

**Next Meeting**

* Date and Time: March 16, 2019 Saturday 11:30am – 12:30 pm
* Location: Taylor Library
* Purpose: Discuss how we are going to create the component diagram and the deployment diagram

**Meeting #4: SDD and Project Architecture**

**Meeting Details**

* Date: March 16, 2019, Saturday
* Time: 11:30am – 12:30 pm
* Location: Taylor Library Ground Floor
* Meeting notes taker: Xiaoxuan Yang

**Attendees**

* Yu Wu
* Shuming Zhang
* Xiaoxuan Yang
* Lishan Huang
* Cheng Chen

**Announcements**

* Deployment diagram is not required.
* There will be an extension for the due date of SDD.

**Agenda**

* Learn how to draw component diagram
* Identify our major components in our project
* Decide which software we are going to use for developing the diagrams in our SDD
* Understand the relationship between SDD and codes
* Identity possible components in our component diagram
* Read through and analyze two SDD samples that is posted on OWL.

**Discussion**

* We all agree that we are going to use *draw.io***,** the online diagram software, as our major tool to develop component diagram and class diagram.
* Since deployment diagram is not required, component diagram is the most important part in our SDD.
* Every package is a component in the component diagram.
* According to the base code, we will have eight components in our component diagram: baseEntities, events, orchestration, publishers, pubSubServer, states.subscriber, strategies.publishers and subscribers.

**Next Meeting**

* Date: March 23, 2019 Saturday
* Time: 11:30am – 12:30 pm
* Location: Taylor LIbrary
* Purpose: Collect all documents and combine those documents to create our SDD

**Meeting #5: SDD & Codes**

**Meeting Details**

* Date: March 23, 2019 Saturday
* Time: 11:30am – 12:30 pm
* Location: Taylor Library
* Meeting notes taker: Xiaoxuan Yang

**Attendees**

* Yu Wu
* Shuming Zhang
* Xiaoxuan Yang
* Lishan Huang
* Cheng Chen

**Announcements**

* Both SDD and project codes are due on April 8 at 8am

**Agenda**

* Collect all documents and combine those documents to create one SDD
* Discuss the purpose of each package in the base code
* Read through the codes and try to understand the general structure of the base code
* Identify the relationship between functions inside each package

**Discussion**

* Since we divided our work on SDD into three parts, we need to merge all files from different parts into one file, which will be our SDD.
* The package pubSubServer is the core of our system.
* PubSubServer package handles most of the actions in our system.

**Next Meeting**

* Date: April 5, 2019 Friday
* Time: 1:30pm – 8:30 pm
* Location: Weldon Library Second Floor
* Purpose: Writing codes to satisfy all requirements that we listed in SRS document.

**Meeting #6: Developing Codes Phase 1**

**Meeting Details**

* Date: April 5, 2019 Friday
* Time: 1:30pm – 8:30 pm
* Location: Weldon Library Second Floor
* Meeting notes taker: Xiaoxuan Yang

**Attendees**

* Yu Wu
* Shuming Zhang
* Xiaoxuan Yang
* Lishan Huang
* Cheng Chen

**Agenda**

* Finish the basic code of the given package
* Finish SDD and Find the connection between code and SDD

**Discussion**

* What is the connection between class
* How the types of each class determine their action

**Next Meeting**

* Date: April 6, 2019 Saturday
* Time: 1:30pm – 8:30 pm
* Location: Weldon Library Second Floor
* Purpose:

**Meeting #7: Developing Codes Phase 2**

**Meeting Details**

* Date: April 6, 2019 Saturday
* Time: 1:30pm – 8:30 pm
* Location: Weldon Library Second Floor
* Meeting notes taker: Xiaoxuan Yang

**Attendees**

* Yu Wu
* Shuming Zhang
* Xiaoxuan Yang
* Lishan Huang
* Cheng Chen

**Agenda**

* Finish the test code and the test files

**Discussion**

* How to design test files
* How to implement test files
* What is the connection between test files and given input files

**Next Meeting**

* Date: April 7, 2019 Sunday
* Time: 1:30pm – 8:30 pm
* Location: Weldon Library Second Floor
* Purpose:

**Meeting #8: Presentation Arrangement**

**Meeting Details**

* Date: April 7, 2019 Sunday
* Time: 1:30pm – 8:30 pm
* Location: Weldon Library Second Floor
* Meeting notes taker: Xiaoxuan Yang

**Attendees**

* Yu Wu
* Shuming Zhang
* Xiaoxuan Yang
* Lishan Huang
* Cheng Chen

**Agenda**

* Presentation arrangement

**Discussion**

* What should be presented
* How to explain code and result