

COMP 354: Diary

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April 9, 2018

1 Iteration 1: Coder

As a coder, I had to develop the core of the application and then focus on my use case.

1.1 Week 1

Nothing done that week as the project had not been started and we had not met our teams.

1.2 Week 2

Week 2 was the beginning of the project.

1.2.1 Team Meeting

- First team meeting
- Discuss the project
- Split the team in different groups
- Discuss the technologies to be used in the project

1.2.2 Tasks performed

Create the foundations for the code

- Configure Gradle as our build and dependency manager
- Configure Dagger as our dependency injection framework
- Configure JavaFX as our front-end technology

1.3 Week 3

In week 3, we mainly discussed our use cases and domain models during the lab.

1.3.1 Team Meeting

- Work on the domain model as a team
- Work on the use case diagrams as a team
- Present the code foundations to the other coders and other interested members of the team

1.3.2 Tasks performed

- Start writing basic services and DAOs

1.4 Week 4

The end of week 3 and week 4 were tough. I had an appendicitis that required surgery and I could not work to my full potential. I missed the lab on Wednesday. I missed the lecture and the tutorial on Thursday.

1.5 Week 5

Week 5 was mostly a week to complete the first iteration and make sure that everything was done properly.

1.5.1 Team Meeting

- Verify if everything is done in each part of the iteration
- Distribute new roles for the next iteration
- Discuss tasks for the next iteration

1.5.2 Tasks performed

- Connect the login and signup front-end to the back-end
- Connect the transactions front-end to the back-end
- Refactor views to avoid code duplication

1.6 Commits

- Jan 18, 2018
[FEAT] Create basic application with JavaFX and Gradle
- Jan 19, 2018
[FEAT] Add Dagger auto injection configuration and basic class example
- Commits on Jan 25, 2018
[FEAT] Add user service/dao
[DOC] Add documentation to where Dagger is used
- Jan 30, 2018
[DOC] Add personal diary
- Feb 1, 2018
[DOC] Add name to requirements document
- Feb 6, 2018
[FEAT] Add session manager and show login errors

- Feb 7, 2018
 - [FIX] Remove delete account button for next iteration
 - [FEAT] Connect signup front end and backend
 - [BUILD] Add data to setup.sql script
 - [FEAT] Connect addAccount front end to backend and add AlertHelper class to display validation errors
 - [REFACTOR] Revert SessionManager interface creation
 - [FIX] Fix SessionManager not instantiated as singleton
- Feb 9, 2018
 - [REFACTOR] Create TransactionTable view to avoid repeating code
 - [REFACTOR] Separate all transactions view from account display view

2 Iteration 2: Organiser

As an organiser, I made sure that the tasks were on time. I also took care of setting up meetings. I also helped the documenters and the coders when needed.

2.1 Week 6

Week 6 was a transition week. We transitioned into our new roles by presenting the code to the new coders and documenters doing the same thing with their documents for the new documenters.

2.1.1 Team Meeting

- Coders from iteration 1 explain the code to the new coders for iteration 2 (and to others if interested)
- Documenters from iteration 1 show the documents created in iteration 1
- Coders separate the use cases and other tasks to be coded

- Documenters separate the content to be written (Architectural and detailed design specification)
- Discuss what worked well and less well in the first iteration

2.1.2 Tasks performed

- Prepare the meeting for week 6
- Distribute the tasks between everyone and note them in Github

2.2 Week 6.5 (Reading week)

This week was reading week.

2.2.1 Team Meeting

No team meeting

2.2.2 Tasks performed

- Configure Travis CI to have a Continuous Integration platform to build our project on

2.3 Week 7

In week 7, the team studied the tasks that were to be done.

2.3.1 Team Meeting

- Discuss what was done in the last 2 weeks. What is there left to do?
- Documenters should discuss the sequence diagrams and how they will be made. 1 could be done as a team during the lab.
- Coders should ask questions about the codebase if there is something they need to be explained.

2.3.2 Tasks performed

- Prepare the meeting for week 7

2.4 Week 8

Week 8 was demo week. As a team, we wanted to have about 75% to 80% of the work done to present the new features and the Design Document.

2.4.1 Team Meeting

- Documenters split the work for the description of the classes
- Documenters review the sequence diagrams
- Continue work on the use cases
- Code reviews
- Demo

2.4.2 Tasks performed

- Prepare the meeting for week 8
- Write the Architectural Design section in the Design Document
- Add package diagram
- Explanation of the MVC
- Add subsystem interface diagram for the SignUpController
- Check where everyone is at with their tasks

2.5 Week 9

Week 9 was the final week of iteration 2, thus my final week as organiser. We needed to complete the remaining tasks.

2.5.1 Team Meeting

- Coders complete tasks/refactoring, making sure there is no outstanding issue
- Code review

- Documenters discuss the class description tables and split the work
- Documenters double check everything is done/is going to be done before Saturday
- Discuss the submission and make sure everything is going to be done by the end of Saturday to have enough time to review.

2.5.2 Tasks performed

- Prepare the meeting for week 9
- Help coders creating config functions for a table view
- Add class documentation in the Design Document
- Maintain the tasks log

2.6 Commits

- Feb 13, 2018
[DOC] Add week 06 meeting schedule
- Feb 14, 2018
[DOC] Add tasks and assignees for iteration 2
- Feb 22, 2018
[BUILD] Add basic Travis CI integration for builds/tests
- Feb 26, 2018
[BUILD] Add Travis-CI build icon to README
Create week07.md
- Mar 6, 2018
Create week08.md
[DOC] Start Architectural Design in the Design Document

- Mar 7, 2018
 - [DOC] Update tasks for documenters
 - Update iteration02_tasks.md
- Mar 11, 2018
 - [DOC] Update package diagrams
 - [DOC] Add detailed diagram module/dagger explanation
 - [DOC] Add SignUpController subsystem interface diagram
- Mar 13, 2018
 - Add week 09 lab meeting
 - Update iteration02_tasks.md
 - Update if the tasks are done or not
- Mar 14, 2018
 - [DOC] Edit class table template
 - [FEAT] Add column ID to TransactionTableController
 - [REVERT] Revert previous commit
- Mar 16, 2018
 - [DOC] Add com.github.comp354project class descriptions
 - [DOC] Add com.github.comp354project.service.dao class descriptions
 - [DOC] Add missing captions to tables and fix some properties
 - [DOC] Add class documentation for sqlite package
 - [DOC] Update design document PDF
 - [DOC] Update tasks
- Mar 17, 2018
 - [DOC] Add dependencies to subsystem interface diagram of AccountListController
 - [DOC] Reformat some tables

- Mar 18, 2018
 - [DOC] Add model.auth package class description
 - [DOC] Add exceptions class description
 - [DOC] Add DI terms to glossary
 - [DOC] Add MVC diagram

3 Iteration 3: Documenter

As a documenter, I worked on the test document. Most of the tables that needed to be written were very similar, so I wrote scripts to parse the table information formatted in JSON. That way, it was easier to keep consistent looks and do modifications between everyone's work.

3.1 Week 10

Week 10 was the first week of the final iteration. Not much work was done because people studied for the quiz.

3.1.1 Team Meeting

- Choose new roles for the iteration
- Separate the tasks to be done and use cases to be implemented
- Find the best strategy on how to implement the use cases

3.1.2 Tasks performed

- Create the issues in a Github project board to keep track of the statuses of the tasks

3.2 Week 11

I mainly worked on creating a script in javascript to generate our Latex tables from JSON.

3.2.1 Team Meeting

We were only 4 present at the meeting.

- Show the progress done in each task
- Study for the quiz

3.2.2 Tasks performed

- Format the template for the test document
- Create script to generate unit test documentation tables
- Write the unit test descriptions for all the test cases

3.3 Week 12

Week 12 was demo week before handing in the project on Sunday. We presented the demo and asked many questions on how to write sections of the test document.

3.3.1 Team Meeting

- Present our work for the demo
- Ask questions on functional vs acceptance and performance testing
- Keep track on where everyone is at for their tasks

3.3.2 Tasks performed

- Write functional tests
- Write glossary items
- Fix failing build due to code compilation error
- Write installation testing

3.4 Commits

- Mar 28, 2018
[DOC] Add test table template
- Mar 30, 2018
[DOC] Add json test definitions for UserService.createUser
- Mar 31, 2018
[FEAT] Start test table generator
[FEAT] Complete test table script generator templating
- Apr 1, 2018
[FIX] Fix hardcoded cline in test table generator
[FEAT] Read argument from command line
[DOC] Add delete bank account test doc
[DOC] Add delete bank account test doc latex and pdf
[DOC] Add delete account and update user test documentation
[DOC] Add login and logout session manager test doc
- Apr 3, 2018
[DOC] Add remote account service test doc
- Apr 5, 2018
[FIX] Add missing .java extension to SendMailController
[FIX] Compile errors in TransactionGenerateFileController
[REFACTOR] Append timestamp to generated csv file
- Apr 6, 2018
[DOC] Add use case 11 functional testing
[DOC] Add use case 12 functional testing
[DOC] Add use case 13 functional testing

- Apr 8, 2018
 - [DOC] Add glossary and glossary table scripts generator
 - [DOC] Add func test 3 and 4 and generate the func test tex file
 - [DOC] Add installation testing
 - [FIX] Fix overflow of text in tables