

# Diary

**Name:** Vsevolod Ivanov **Student ID:** 40004286

**Team** PK-A

**09 January 2020**

## Iteration 1

**Role:** Coder

**Date:** 09 January 2020

**Start Time:** 20:15

**End Time:** 21:00

**Who:** Tiffany Ah King, Vsevolod Ivanov, Chang Liu, Nolan Mckay, Nalveer Moocheet, Hoang Thuan Pham, Audrey-Laure St-Louis, Jia Ming Wei

**Where:** H-920

**Activities:** We met eachother, learned our interests and motivations. Then, we determined and create platforms for communications, kanban and code. We took note of everyone's emails.

**Outcomes:** For communnications, we have chosen Discord, for Kanban and User stories Trello or maybe Github and for programming it was GitHub. We fixed the next meeting at the lab Wednesday. Teammates created the Trello and Dicord projects and I created the GitHub repository. Total time of this week: 15 hours.

**Date:** 15 January 2020

**Start Time:** 19:15

**End Time:** 22:00

**Who:** Tiffany Ah King, Isabelle Charette, Brian Gamboc-Javiniar, Vsevolod Ivanov, Chang Liu, Nolan Mckay, Nalveer Moocheet, Hoang Thuan Pham, Audrey-Laure St-Louis, Jia Ming Wei

**Where:** H-831

**Activities:** We discovered the project, learned about the roles and iterations. We determined our roles for organiser (1) coders (4) and rest in the documentation! We wrote first user stories brief and assigned coders and documenters for each one to dig deeper into.

**Outcomes:** We all have specific but flexible tasks to work / explore more before the next meeting. We started to think in terms of MVC for the architecture of the code. Later that night, I pushed a basic MVC class template for the Game.

**Date:** 16 January 2020

**Start Time:** 20:15

**End Time:** 20:30

**Who:** Tiffany Ah King, Isabelle Charette, Brian Gamboc-Javiniar, Vsevolod Ivanov, Chang Liu, Nolan Mckay, Nalveer Moocheet, Hoang Thuan Pham, Audrey-Laure St-Louis, Jia Ming Wei

**Where:** H-920

**Activities:** We ensured that everyone is fine with their tasks.

**Outcomes:** The organizer for this iteration assigned me a second role of organizing the coders team members.

**Date:** 17 January 2020

**Start Time:** 10:40

**End Time:** 13:00

**Who:** Isabelle Charette, Vsevolod Ivanov, Nalveer Moocheet, Audrey-Laure St-Louis

**Where:** Lb-353(Kenya)

**Activities:** We met between coders to jump start the whole project for everyone. We started by deconstructing the project into game requirements, domain models and use cases. In order to be all aligned at the same goal with our previous roles, we draw on a white board and put into draw.io importable format the following diagrams: Domain Model: Game Management, MVC of the Game with Cell and Player extensions and the Player Use Cases. Then, we assigned them for Iteration 1 and 2 according to must have and the relation of our assigned roles.

**Outcomes:** We shared it with rest of the team on Discord and they had a very good reception of our diagrams. Finally, it was more clear the parts that we have to code. We aim at starting to put them together along with the documentation done by its team during the next lab. Total time of this week: 25 hours.

**Date:** 22 January 2020

**Start Time:** 19:15

**End Time:** 20:30

**Who:** Tiffany Ah King, Isabelle Charette, Brian Gamboc-Javiniar, Vsevolod Ivanov, Chang Liu, Nolan Mckay, Nalveer Moocheet, Hoang Thuan Pham, Audrey-Laure St-Louis, Jia Ming Wei

**Where:** H-831

**Activities:** We updated the state of things for everyone, cleared some misunderstandings and shed light on the implementation details. We discussed the upcoming demo lab of the Proof of Concept (PoC).

**Outcomes:** Everything got more clear and everyone jumped on their parts. I setup GitHub Actions with Ant to launch JUnit tests after each commit is pushed which will allow us to avoid regression and ensure that code we push works and it encourages TDD (Test-Driven-Development) increasing our code coverage. I must note that I'm a bit worried because I haven't seen the docs (just an outline), the codes haven't been pushed yet besides mine. Just in case, I will implement a console UI gameplay as a fallback for the PoC. The latter will reduce time on some less important parts like a complete and random board generation. Total time of this week: 20 hours.

**Date:** 29 January 2020

**Start Time:** 16:00

**End Time:** 19:15

**Who:** Isabelle Charette, Vsevolod Ivanov, Nalveer Moocheet, Audrey-Laure St-Louis

**Where:** Grey Nuns B.122

**Activities:** We merged everything together by connecting the UI view to the controller, model and thus, making everything ready for the PoC on both the console and the UI.

**Outcomes:** Everything we planned and more was ready for the demo. However, some last minute design choices to allow us to merge into master have to be fixed in the view.

**Date:** 29 January 2020

**Start Time:** 19:15

**End Time:** 21:00

**Who:** Tiffany Ah King, Isabelle Charette, Brian Gamboc-Javiniar, Vsevolod Ivanov, Chang Liu, Nolan Mckay, Nalveer Moocheet, Hoang Thuan Pham, Audrey-Laure St-Louis, Jia Ming Wei

**Where:** H-831

**Activities:** I presented our team's Kakuro game, MVC and JUnit tests in front of the class with another teammate which explained the documentation relationship to our code in terms of Use Cases, Domain Model, etc.

**Outcomes:** Almost everything is satisfied on the code part in terms of MVC, junit tests (we need more coverage) and the documentation need to have a few things fixed. We assigned tasks to each other and underlined the deliverables with the deadlines. Total time of this week: 10 hours.

**Date:** 05 February 2020

**Start Time:** 19:15

**End Time:** 21:00

**Who:** Tiffany Ah King, Isabelle Charette, Brian Gamboc-Javiniar, Vsevolod Ivanov, Chang Liu, Nolan Mckay, Nalveer Moocheet, Hoang Thuan Pham, Audrey-Laure St-Louis, Jia Ming Wei

**Where:** H-831

**Activities:** We aligned ourself for the submission and the completion of the requirements. We explained the coverage that we have with the unittests. As well, we planned the roles for the next iteration.

**Outcomes:** Everything is crystal clear and we're on the right track. I continue to review the Pull-Requests to integrate the last changed for this iteration. Total time of this week: 25 hours.