Diary

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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 organizator for this iteration assigned me a second role of organiznig 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 upcomming 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 eachother 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.

Iteration 2

Role: Organizer

Date: 12 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: As the only present team with the TA and with the upcoming midterm week, we decided to directly jump start the second iteration. We used the whiteboard to design the class diagrams according to what the developers wanted to create with a database. We made sure to assign coders to their parts with each one having an assigned QA mate to ensure TDD and coverage. I played the role of the facilator in the exchange about technological and design choices between teammates. We defined a schedule to follow to ensure the delivery of the demo and parts of each sub-teams.
Outcomes: Everyone agreed to the schedule. We decided to move the next meeting same time in person during the reading week which would be the deadline for PoC delivery according to our schedule. For a second iteration, it seems to be a quite critical and signficant milestone to put everything in a Database. I decided to do some research on the MVC layout with a DB, Hibertate Annotation in Java for Code first approach and finally, GJson as Object Serializer then, I shared the important stuff on Discord and GitHub branches. Total time of this week: 15 hours.

Date: 26 February 2020
Start Time: 19:00
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: LB-451 (Brazil)
Activities: We took time do a standup to express what is done, what is left to do and what we don't understand. We draw the subsystems and started defining a plan to perform the QA on what is coded so far on the DB side. We planned the upcoming demo.
Outcomes: Everyone responsibilities are clear and everyone knows what to do on their side. I proposed myself to help with Pull-Requests and merging to ensure a smooth transition and communication between the QAs - Documenters and Coders. Moreover, we are now aware of the Code Coverage tools in Eclipse to help the QAs to get insight on what is done and left to do. Total time of this week: 15 hours.

Date: 04 March 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 performed the demo as a real team. We went over the bugs and unittesting to ensure the best practices and establish communications to solve them.
Outcomes: The demo was great. Everything is very clear. Each member is now truly involed and non-hesitant to communicate with other team members. We really have good team dynamics. I merged everything that was done so far including stalled PRs into the master and we made a pre-release before refactoring the upcoming week. Total time of this week: 15 hours.

Date: 11 March 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 shared our progress with the rest of team. We solved any misunderstandings and understood eachother aim for this last week.
Outcomes: We aligned the refactoring of the coders with the documenters and the QA team. I will be code reviewing and merging everyone as much as I can. Everything should be delivered in time according to our schedules. Total time of this week: 20 hours.