COMP20050 Scrum Notes

Team: MVP

Assignment: 5

ScrumMaster: Joe

**Sprint Backlog**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task** | **Owner** | **Size(1-10)** | **Due** | **Done?** |
|  |  |  |  |  |
|  |  |  |  |  |
| Find the letters on the board | MVP | 3 | FRI | Yes |
| Class for potential words | MVP | 2 | FRI | Yes |
| Find free space direction | MVP | 4 | FRI | Yes |
| Permute frame with found letter | MVP | 4 | FRI | Yes |
| Builder permuter class | MVP | 6 | FRI | Yes |
| Create an array list of checked potentials | MVP | 3 | FRI | Yes |
| Check out words built by accident | MVP | 5 | FRI | Yes |
| Play the best word! | MVP | 3 | FRI | Yes |

**Class Diagram –** *Please see botClassDiagram.png*

**Test Plan**

|  |  |  |
| --- | --- | --- |
| **Feature** | **Owner** | **Pass?** |
| Modify Scrabble.java for 2 bots | MVP | YES |
| Test Permutations Class | MVP | YES |
|  |  |  |

**Review & Retrospective Summary**

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| --- | --- | --- |
| **Problem** | **Resolution** | **Lesson** |
| This assignment involved alot of logic | We worked on all sections of the assigment together as a Team in large coding sessions. | Collaberation on complex methods is very helpful. It also allowed us to complete this assigment quickly. |
| Working with Chris's code was initially difficult. Very different Methodology to our MVP\_Scrabble | Establishing which elements of his code we needed to understand and which we could take for granted made our life easier. | Only read code that you have to. Treat other classes as black box's where you can expect an output for a given input |
| Its not really a problem, but as we built the bot, we established other features were needed that were not listed on in the scrum notes | We just aggressively wrote all features, without much of a plan. It became apparant that this assigment was about comprimise. what words / play types were we prepared to let slip. | For the most part, this worked. Building non deteministic programs have many branches to explore, and none of them are wrong. Its a matter of trying to address them all. |