**Assignment 2 Report**

**Group Number:** *Group 45* **Members:** *James Taufa(20119956) & Tuitauofiti Galuvao(17002370)*

**Project:** *Anime Quiz GUI*

**Github:** *https://github.com/kjd-dev/PDC\_Assignment2.git*

**Rundown:**

We wanted to take our existing anime quiz code, and expand it into a fun, clean, and functional GUI. We wanted to implement an MVC pattern to the best of our ability, with as little bad code smells as we could manage. However, creating a testing framework was a bit tricky to implement, so unfortunately we opted for manual testing in the end. It is definitely an area to improve for our future skills are software developers!

**Features:**

The GUI has 5 different panels, one for each of the following:

* Login screen
* Topic selection screen
* Round selection screen
* Questions screen
* Quit screen

Each one is custom designed using the NetBeans GUI builder, with some hand coding to implement actions, and dynamic variables.

The project also takes in questions from a text file and instantiates them into a data structure to store and print the questions.

It also has a database for better handling of user info.

**Workload:**

The workload was divided evenly, with James working on the frontend coding {View class, panel design, actions, and implementation with controller) while Tui was in charge of backend coding (txt file creation, Model class, Database class and data implementation).