**Memorandum of Understanding**

Between

Flash Card Maniacs

and

Dr. Duraisamy

This Memorandum of Understanding (MOU) sets forth the terms and understanding between the Brogrammers and Dr. Duraisamy requesting to develop software for one of the following applications using Java:

1.     Application #10: Flash Card Mania

**Team Members/Roles:**

|  |  |  |
| --- | --- | --- |
| **Name** | **Position** | **Email** |
| Jenna Frisch | CEO/Tester | jff1821@jagmail.southalabama.edu |
| James Slade | Developer | jas1724@jagmail.southalabama.edu |
| Ryan Grisset | Developer | rag1923@jagmail.southalabama.edu |
| Steven Mota | Documentation | sm1927@jagmail.southalabama.edu |
| Shauna Phaxay | Tester | scp1821@jagmail.southalabama.edu |

**Milestones:**

|  |  |  |
| --- | --- | --- |
| **Week** | **Date** | **Milestone** |
| 2 | January 21, 2020 | Team Project Kick-off |
| 3 | January 28, 2020 | Project Management Plan Review (SPMP/SCMP) |
| 6 | February 18, 2020 | Requirements Analysis Review (RAD) |
| 8 | March 3, 2020 | Sprint 1 Review |
| 9 | March 10, 2020 | System Design Review (SDD) |
| 11 | March 24, 2020 | Object Design Review (ODD) |
| 13 | April 7, 2020 | Test Plan Review |
| 14 | April 14, 2020 | Sprint 2 Review |

**Rationale:**

Each team member possesses the prerequisite knowledge for success in programming the appropriate algorithms. Jenna Frisch brings leadership and management skills from being a former JagPAL. She also has skills with graphics, animation, and a basic knowledge of Java. Shauna Phaxay brings a repertoire of knowledge of Python, C++, and Java. She is excellent with graphics and user interface design. Steven is well-versed in Object-Oriented Programming with languages like Python, Javascript, and C++. Ryan Grissett also has experience with Object-Oriented Programming languages such as Python and C++. James Slade is an experienced web developer who also knows java, c++, c#, php, python and lua.

**Development Strategy and Approach:**

The team will utilize object oriented programming and algorithms to create the structure of the program.  The program will be an android application written with Java. Git and Github will be used for the organizing of our project (code and documentation).  Android Studio will be our IDE.

**Communication Plan:**

Weekly team meetings will occur in person on Thursday from 12:30pm-1:30pm and Tuesday after 12:15pm to whenever team members get tired and want food. We will meet in any available rooms in Shelby Hall.  For online work we will communicate and share information through Google Drive, Discord, GroupMe.

Data Proposed:  January 21, 2020                              Date Accepted:  January 21, 2020