**Programming Language and Platform**

Zero Knowledge – never heard, never used

Beginner – have heard, have tried creating simple programs

Moderate – have used moderately in creating simple programs alone or with a team

Accomplished – have used extensively, have created simple to complex programs with a team

**Programming Language: Java (Update 8)**

* Java is a general purpose, high level computer programming language.
* Since it is object-oriented, designing the system’s possible software patterns will be easy to implement.
* Code will become reusable, open for extension, yet closed for heavy modifications (given that the proper design patterns are applied).
* Creating the system’s user interface will be quick and straightforward.
* Managing and applying additional functionalities to the system in future will be easier.

**Programming Platform: NetBeans (ver 8.0.2) or Eclipse (latest) - Desktop**

* Has organized libraries for general purpose programming in Java.
* Contains error handling and warning plug-ins.
* Has drag and drop functionality for the user interface (not recommended though).
* Has an easy to understand interface for comfortable and easy programming.
* Has one-click compile functionality for the quick testing of the code.
* Can organize codes for different Classes into separate folders for easy access.

**Proficiency Levels:**

**DEVs**

**Aquino, Kurt –** Accomplished

**Enomoto, Yuki –** Accomplished

**Matias, Angelo –** Accomplished

**ANAs**

**Acorda, Victoria -** Moderate

**Caingles, John –** Moderate

**Estioko, Jerrick -** Accomplished

**Mendaros, Naomi –** Moderate

**Proficiency Plan:**

1. Review how to manage databases using MySQL
   * ER Diagram
   * Entity Relationships
   * Initializing tables
   * Inserting new rows into tables
   * Querying data from tables
2. Review on Software Design Patterns
   * SOLID Principles
   * Model View Control
   * Different types of patterns
3. Brush up on general Java programming principles and concepts