**WORK BREAKDOWN AGREEMENT: FIT2099 SSB ASSIGNMENT 3**

GROUP NAME JAVAPLUSPLUS

GROUP MEMBERS MOHAMED SHAKEEL MOHAMED RAFI 28021452

MATTI HADDAD 29708966

KERRY YUE SONG ZHENG 28794346

1. Apparate

Producer(s): Kerry 05/02

Reviewer(s): Matti, Shakeel 05/02

Description:

* + Create a Class Diagram and Design Rationale

1. Teacher

Producer(s): Kerry, Shakeel 05/02

Reviewer(s): Matti 05/02

Description:

* + Create a Class Diagram, Interaction Diagram and Design Rationale

1. Secret Tunnel

Producer(s): Shakeel 05/02

Reviewer(s): Matti, Kerry 05/02

Description:

* + Create a Class Diagram and Design Rationale
  + Implementation of new HPGrid representing Tunnel, and Doors that can be 'entered' or 'exited.
  + Implementation of a mechanism to keep track of the states of both HPGrids.

1. Inventory Class

Producer(s): Matti 05/02

Reviewer(s): Shakeel, Kerry 05/02

Description:

* + Create a Sequence Diagram of taking an item
  + Design Rationale
  + implementation

1. Broomstick Class

Producer(s): Matti 05/02

Reviewer(s): Shakeel, Kerry 05/02

Description:

* + Design Rationale
  + Implementation

1. GiveBroomstick Affordance

Producer(s): Matti 05/02

Reviewer(s): Shakeel, Kerry 05/02

Description:

* + Design Rationale
  + implementation

1. Design recommendation

Producer(s): Shakeel, Matti, Kerry 05/02

Reviewer(s): Shakeel, Matti, Kerry 05/02

Description:

* + Produce a 2-3 pages document
  + Identify design issues in the codebase
  + Propose changes to 'solve' the design issues
  + The advantages / disadvantages of those changes
* Matti:

**WORK BREAKDOWN ACKNOWLEDGEMENT**

I, MOHAMED SHAKEEL MOHAMED RAFI [05/02/2019: 22:00], accept this breakdown arrangement.

I, MATTI HADDAD [05/02/2019: 22:00], accept this breakdown arrangement.

I, KERRY YUE SONG ZHENG [05/02/2019: 22:00], accept this breakdown arrangement.

I, , agree to this breakdown arrangement.

* + Nonplayer Actors not taking direct advantage of Actions
  + Items Doing too much
  + Abstraction
  + Nonmeaningful variables
  + Lazy classes