WORK BREAKDOWN AGREEMENT: FIT2099 SSB ASSIGNMENT 1

GROUP NAME JAVAPLUSPLUS

GROUP MEMBERS MOHAMED SHAKEEL MOHAMED RAFI 28021452

MATTI HADDAD 29708966

KERRY YUE SONG ZHENG 28794346

1. Modifying Existing Design Documents
   1. Class Diagram: harrypotter.entities

Producer(s): Shakeel

Reviewer(s): Matti

Description:

* Adding Leave as an Affordance
* Adding Give as an Affordance
* Adding Wand class as a HPEntity
* Adding Casting as a [capability]
* Adding Potion
  1. Class Diagram: harrypotter.entities.actor-AND-behaviours

Producer(s): Shakeel, Matti

Reviewer(s):

Description:

* Adding Dementor as a HPActor
* Adding Wand Class
* Linking Wand Class to HPActor
* Adding Cast
* Adding a Cast action, which links to:
  + - A Spell abstract class, with two subclasses:
    - Expelliarmus and Ava Kedavra
* Linking CastOnNeighbour behavior to Cast action
  1. Class Diagram: harrypotter.actions

Producer(s): Shakeel, Matti

Reviewer(s):

Description:

* Adding Give Class into the actions package and its relation to other classes.
* Adding Leave Class into the actions package and its relation to other classes.
* Adding Cast as a Class and its relation to other classes.

1. Creation of new Design Documents
   1. Class Diagram: harrypotter.spells

Producer(s): Shakeel

Reviewer(s):

1. Design Rationale Documentation
   1. Leave Affordance

Producer(s): Shakeel

Reviewer(s):

Description:

* Explanation of how Leave affordance is implemented and justification
  + Relate Leave to the way Take works
  1. Give Affordance

Producer(s): Matti

Reviewer(s):

Description:

* Explanation of how Give affordance is implemented and justification
  + Relate Give to the way Take works
  1. Potion

Producer(s): Matti, Kerry

Reviewer(s): Shakeel

Description:

* Explanation of how Potion work and its effect on actors.
  1. Wand and Cast

Producer(s): Shakeel, Matti, Kerry

Reviewer(s):

Description:

* Explanation of how Wand is implemented and justification
  + Relate to how HPActor 'attacks'.
  + Distinction between attacking and casting spells.
  + The need for CASTING Capability and Spells abstraction
  1. Spells

Producer(s): Kerry, Shakeel, Matti

Reviewer(s):

Description:

* Explanation of what Spells affect the gameplay
* Which spell are to be implemented?

WORK BREAKDOWN ACKNOWLEDGEMENT

I, MOHAMED SHAKEEL MOHAMED RAFI [DD/MM/YYY: HR/MM], agree to this breakdown arrangement.

I, MATTI HADDAD [DD/MM/YYY: HR/MM], agree to this breakdown arrangement.

I, KERRY YUE SONG ZHENG [DD/MM/YYY: HR/MM, agree to this breakdown arrangement.

I, , agree to this breakdown arrangement.