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: Shakeel

Reviewer:

Description:

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

Producer1: Matti

Producer2: Kerry

Reviewer:

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

Producer1: Shakeel

Producer2: Matti

Reviewer:

Description:

* Adding Give into the actions package
* Adding Leave into the actions package
* Adding Drink as a Class
* Adding Cast as a Class

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

Producer1: Shakeel

Producer2:

Reviewer:

1. Design Rationale Documentation
   1. Leave Affordance

Producer: Shakeel

Reviewer:

Description:

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

Producer:

Reviewer:

Description:

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

Producer:

Reviewer:

Description:

* Explanation on how Potion
  1. Wand and Cast

Producer1: Shakeel

Producer2: Kerry

Producer3: Matti

Reviewer:

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

Producer1: Kerry

Producer3: Matti

Reviewer:

Description:

* Explanation of how Spells

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.