WORK BREAKDOWN AGREEMENT: FIT2099 SSB ASSIGNMENT 1

GROUP NAME JAVAPLUSPLUS

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WORK BREAKDOWN AGREEMENT SUMMARY

*•* who will be responsible for *producing* each deliverable (whether it is a part of the system, an internal document, or an externally-deliverable document),

*•* who will be responsible for *testing or reviewing* each deliverable, and

*•* the dates by which the deliverable, test, or review needs to be completed.

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

Producer:

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

Producer:

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

Producer:

Reviewer:

Description:

* Adding Spells abstract class
* Adding two Spells subclasses encapsulated in harrypotter.spells package:
  + Expelliarmus & Ava Kedavra

1. Design Rationale Documentation
   1. Leave Affordance

Producer:

Reviewer:

Description:

* Explanation of how Leave affordance is implemented and justification
  + Relate Leave to the way Take works
  1. Wand, Cast and Spell

Producer:

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

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.