

**FIT 2099 - Object Oriented Design and Implementation**

**Year 2021 Semester 2 Assignment 1**

**Work Breakdown Agreement (WBA)**

**Group: MA\_Lab2Team4**

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## **WBA (Assignment 1)**

### **Summary of the task distribution**

Firstly, we went through the Assignment rules and specifications together. Then, we distribute the requirements stated in the Assignment 1 specifications as below:

<b>Requirements</b>	<b>Member in-charge</b>	<b>Date Assigned</b>	<b>Done</b>
1	Rebecca Nga	22/8/2021	Done
2	Everyone	22/8/2021	Done
3	Leong Wei Xuan	22/8/2021	Done
4	Everyone	22/8/2021	Done
5	Rebecca Nga	22/8/2021	Done
6	Leong Wei Xuan	22/8/2021	Done
7	Low Chin Boon	22/8/2021	Done
8	Low Chin Boon	22/8/2021	Done

For the requirements that are longer and more difficult such as requirement 2 and 4, all group members will focus on them together. Next, we distribute the drawing of the UML class diagrams and the writing of the design rationales equally among the group members.

Distribution of the drawing of UML Class Diagrams:

<b>UML Class Diagrams</b>	<b>Member in-charge</b>	<b>Date Completed</b>
Actions	Leong Wei Xuan	29/8/2021
Enemies	Rebecca Nga	29/8/2021
Terrains	Low Chin Boon	29/8/2021
Item	Rebecca Nga	29/8/2021
Weapon	Low Chin Boon	30/8/2021
Reset Features	Leong Wei Xuan	30/8/2021
Souls	Leong Wei Xuan	29/8/2021

<b>UML Diagrams - Design Rationales</b>	<b>Member in-charge</b>	<b>Date Completed</b>
Actions	Leong Wei Xuan	31/8/2021
Enemies	Rebecca Nga	2/9/2021
Terrains	Low Chin Boon	31/8/2021
Item	Rebecca Nga	30/8/2021
Weapon	Low Chin Boon	3/9/2021
Reset Features	Leong Wei Xuan	3/9/2021
Souls	Leong Wei Xuan	3/9/2021

After completing the drawing of UML class diagrams and the writing of the design rationales, all the group members will focus on the designing and drawing of the sequence diagrams together. This is because the concept of sequence diagrams was still new to us during that time, so we decided to work on it and learn together.

Distribution of the designing of sequence diagrams:

<b>Sequence Diagrams</b>	<b>Members in-charge</b>	<b>Date Completed</b>
BuyWeaponAction.execute()	Everyone	5/9/2021
WindSlashAction.execute()	Everyone	5/9/2021

## **WBA (Assignment 2)**

Distribution of the coding tasks:

<b>Coding</b>	<b>Members in-charge</b>	<b>Expected Date Completion</b>
Bonfire, Souls, Reset Features	Leong Wei Xuan	15/9/2021
Player and Estus Flask, Enemies	Rebecca Nga	15/9/2021
Terrains, Weapons, Vendor	Low Chin Boon	15/9/2021

Distribution of the testing and review:

<b>Testing &amp; Review</b>	<b>Members in-charge</b>	<b>Expected Date Completion</b>
Bonfire, Souls, Reset Features	Low Chin Boon	16/9/2021
Player and Estus Flask, Enemies	Leong Wei Xuan	16/9/2021
Terrains, Weapons, Vendor	Rebecca Nga	16/9/2021

As a member of the group I understand that:

- I have to attend and contribute at all meetings;
- If I am unable to attend a meeting I will make every attempt to contact the group before the meeting;
- I will make every effort to resolve any issues that arise within the group;
- I will be responsible for producing all of the deliverables that is assigned to me;
- I will be responsible to complete the testing or reviewing job assigned to me;
- I will complete the production of the deliverables, testing and reviewing jobs by the assigned deadline.

**Signed:** I accept this WBA. **Name:** Leong Wei Xuan **Date:** 6/9/2021

**Signed:** I accept this WBA. **Name:** Low Chin Boon **Date:** 6/9/2021

**Signed:** I accept this WBA. **Name:** Rebecca Nga **Date:** 6/9/2021