Game Name Here

Final Game Design Document

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# 1. Design History

## 1.1 High Concept Design Document

This document describes a high-level design of “Project Leviathan.” It contains three main sections which are game concept, highlighted features, and the game overview. These three sections will be fully expanded in the game treatment design document.

## 1.2 Game Treatment Design Document

Game treatment design document is an XL version of the high concept design document. It has more details on online features, multiplayer features, and the game world.

## 1.3 Character Design Document

Character design document focus on the design of characters and modification options that player can have on its hero.

# 2. Game Overview（夏泽之）

参照game treatment document

# 3. Feature Set（罗颂）

参照game treatment document

## 3.1 Game Play

## 3.2 Multi-Player Features

## 3.3 Special Features

# 4. The Game World

## 4.1 Overview（孙兆元）

## 4.2 Map

### 4.2.1 Overview（孙兆元）

### 4.2.2 Key Locations（宋微木）

#### 4.2.2.1

### 4.2.3 Scale（孙兆元）

### 4.2.4 Objects（孙兆元）

物品会散落分布啊什么的

### 4.2.5 Map Interaction（孙兆元、宋微木）

## 4.3 Backstory（周毓奇）

**The legendary champion:** Arclight of knights - Nazu

* Backstory:

Nazu was born in a poor family, but with his talent, even grown-ups could not fight equally with him when he was only 12 years old. However, because of the lack of education and experience, Nazu spent days and nights fighting and robbing.

One day, however, when Nazu was 15 years old, he met a young man wearing fancy clothes. Nazu drew his knife and sprinted to get close to the young man. Instead of astonishing, the young man smiled, and drew his sword. For the first time, Nazu lost, without any chance or power to beat back. Surprisingly, the young man did not execute Nazu with his beautiful sword, which is “legal” when a nobility does this to a rabble. He was impressed by the power and confidence of this wolf-like boy.

“Wanna go with me?”

Nazu was waiting for the execution. However, what he saw was not the sword, but a extending hand. At the same time, a bunch of light penetrated the clouds and lighted the bodies of the two young men. This must be fate, Nazu thought, extending his hand.

The young man was the prince of the country, and he would become the king in the future. Since that day, studying and training together became Nazu and the prince’s daily life. About one year later, Nazu learned all the skills for combatting and the prince could no longer fight against Nazu any more. And Nazu became much more optimistic and educated. This happy life lasted for five years.

One day, while training, Nazu discovered that the prince was acting weird. It was apparent that the prince was a little bit sad and could not focus on the training. Nazu inquired for the reason. The prince did not want to tell Nazu at first, but he gave the reason at last.

It was the time for a new competition to determine the next hero to inherit the title of the king. Eight warriors would fight at a place for glory and power. This year, however, there was not enough volunteers. The reason is that, the warriors would fight each other until only one person is alive. In another word, the participants would either die or obtain the title of the king. However, in both way, the participants would not return to their home any more. Since there were not enough volunteers this year, the prince should become one of them, and then he would not return or inherit the king of the country.

Hearing that, Nazu made his decision without hesitation. He stabbed his sword into the ground, kneeled on one knee, “I will become the last volunteer.”

“No...no no no. I won’t allow you to sacrifice yourself to…”

“You changed my life, my lord. I would have become a murderer and sent into prison if I did not meet you on that day. I will swear my sword to protect you and fight for the glory and power, prince.” The prince at first did not agree with Nazu, but gave up and let Nazu become the last warrior at last.

The day arrived. Nazu went aboard and left without turning back even once.

Two days later, they arrived at the place, which was a beautiful place but filled with the smell of blood. All the participants were skilled. Some of them used magic while the others had extremely strong bodies. They were from different countries, of different races, but had the same purpose -- to survive until the end and to inherit the “Title of the King”. Fought with the magic horse given by the prince and his legendary gun (which was titled legendary after the competition) , Nazu defeated all the rest of the seven heroes. The last battle was between the Revenger-Aoji and Nazu. They fought for a whole day, and finally Nazu pierced his edge into this prince in the past who was revived by hate and despair.

“I will die, but the revenge never stops...” saying his last words, Aoji’s body scattered and disappeared into dusts.

Nazu became the champion and obtained the title of the king.

The moment after Nazu was given the powerful media -- the Title of the king, hundreds of floating ships appeared in the sky. The invade by the outsiders started. They owned advanced technology and wanted to occupy Otherworld by force.

“Let’s try this.” Nazu said.

What happened since the next second is recorded in all historical documents and story books written after.

Fusing the Title of the king and his own gun, Nazu created this most powerful weapon in the universe -- star devastator.

Smiling, Nazu pressed the trigger.

A bunch of light sliced the enemies’ armada, and left the sky with the brightness that lasted for months.

“What should we call it? It doesn’t matter! No one wants to trigger that again, even those who want to obtain the ultimate power. It just makes everything gone, nothing left, nothing!” said the greatest weapon master in the history.

**Other seven heroes:**

Human:

The revenger -- Aoji: He was a prince in the past, but was assassinated by his enemy. He was revived to revenge for himself. However, he fell into darkness and killing became his own aim. He was good at arrow and sword. His own weapons were able to absorb others’ life force.

The earth-shaker -- Weikon: Weikon’s race was famous for power and their strong bodies. Weikon was born just like his clansmen, or even more powerful. He is good at handling heavy weapons like hammer and axe. In the legend, he was able to shake the ground with his legendary hammer.

The element terminator -- Mistily: Before the battle, Mistily was widely known as a witch who could control all the elements and create miracles. Her staff was told to be alive and could not be used by others who are not acknowledged by it.

The library of human’s intelligence -- Biotheca: Biotheca knew all the knowledge about the world except for the secret of the title of the king. She was not good at battling. but was able to use her knowledge and intelligence to defeat monsters. She also died of her kindness, and was killed by Aoji.

Oni:

The terror of the darkness -- Akuma: Born from the fear and despair of human lived in the east, Akuma “lived” from the negative feelings of human. It could create fear of people from nothing, and absorb their life force. It could also become invisible and kill people from behind, with his sickle.

The blade of blood moon -- Akaya: No one knew what she or he looked like, except for Nazu, because nobody else stayed alive after seeing it. There was a rumor that Akaya was a short girl with short hair and small horns. She had red eyes, with the same color as the blood moon, a myth in the east. No one knows if it is true. However, Akaya’s weapon is well-known. It was said to be the lightest and fiercest knife in the world.

The cold memory -- Yuki: No one remembered her. A common communication among parents and children is “Mom, do you know who the eight warriors of the legendary battle were?” “Well… I can only come up with seven now, babe.” Those who still remember her, however, treat her as one of the largest threat and fear. “She can easily appear behind you and turn you into ice. Even if you stay alive fortunately, you will forget what happened to you.” Actually, someone thinks she is still alive even today.

# 5. Game Characters

## 5.1 Overview（周毓奇）

For players, we have three races for them to choose. The races are the same in the game except for their appearances.

## 5.2 Race（周毓奇）

**Human**:

* Backstory:

Humans have the largest population on the planet. They founded all the civilizations in the history. During the Colonist War, humans won the war because of their large population, advanced industrialization and research in magic.

* Characteristic: It’s similar to the human beings of earth.

**Oni**:

* Backstory:

Oni is one of the most ancient races in the galaxy. They are born with red skin and two horns on their heads. Most of them live in the mountains in the east area of the world.

* Characteristic: Horns, red skin.

**Outsider**:

* Backstory:

Outsiders came to the Otherworld through the Colonist War. Although they failed the Colonist War, they were then attracted by the ultimate power of the Title of the King. Thus they chose to stay in the Otherworld. The outer space technology they brought greatly pushed the development of Otherworld.

* Characteristic: Shining eyes, paleness/blue skin.

## 5.3 Character Editor（宋微木）

# 6. User Interface（🚧）

## 6.1 Overview

## 6.2 Title Screen

## 6.3 Lobby

## 6.4 In-Game

# 7. Weapons（宋微木）

Each player has three weapon slots, therefore the player can hold up to three weapons depend on the what he/she could find in one match.

* Type:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Weapon type** | Auto Rifle | | | | | | |
| **Name** | Guerrilla | | | **Image** |  | | |
| **Rarity** | Heroic | | | **Magazine** | 34/68 | **Rate of fire** | 350 |
| **Impact** | 25 | | | **Reload** | Normal | **Stability** | 3/5 |
| **Special trait** | The Great Wall: Player gains additional shield when aiming with this weapon. | | | | | | |
| **Story** |  | | | | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Weapon type** | Auto Rifle | | | | | | |
| **Name** | Gatling MKII | | | **Image** |  | | |
| **Rarity** | Mechanic | | | **Magazine** | 200/400 | **Rate of fire** | 1000 |
| **Impact** | 5 | | | **Reload** | Normal | **Stability** | 5/5 |
| **Special trait** | Vodka: Need preheat before firing, user’s moving speed will be decrease when firing with this weapon. | | | | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Weapon type** | Auto Rifle | | | | | | |
| **Name** | AK998 | | | **Image** |  | | |
| **Rarity** | Mechanic | | | **Magazine** | 34/68 | **Rate of fire** | 300 |
| **Impact** | 25 | | | **Reload** | Normal | **Stability** | 2/5 |
| **Special trait** | N/A | | | | | | |

品质：

a.英雄（橙色）

/ \

b.机械（土黄色） c. 魔法（蓝色）

武器：

名字：

耐久／弹药：

类别：

攻击力：

Note：

枪：

1. 步枪
   1. 英雄：

* 枪盾，举枪时拥有额外护盾
  1. 机械：
* AK998: 突击步枪，弹夹34，伤害较高，稳定度低
* Scope: 突击步枪， 弹夹34，伤害中，稳定度高，装备时增加雷达距离
* Chain: 五连发步枪，弹夹30，伤害低，稳定度中
* Royal multi-tool: 步枪，弹夹45，可以切换自动，三连，单发，三种模式，伤害递加
  1. 魔法：
* Breeze: 魔法弹药50，高射速，低伤害，携带增加移动速度
* Lava core: 魔法弹药100，线性步枪，初始低伤害，接触同一目标时间越长伤害越高。
* Frost: 魔法弹药15，单发步枪，伤害中下，击中目标使其减速。
* Black hole: 魔法弹药27，三连发步枪，每次射击的第三发子弹伤害加成
* Thorns: 魔法弹药34，单发步枪，中伤害，被击中者移动受伤害

d. Basic:

* 基本步枪

1. 手枪
   1. 英雄：

* Twins under moon：双持手枪
  1. 机械：
* Rapier: 全自动手枪，超高射速，稳定性低
  1. 魔法：
* Poison needle: 半自动手枪，射速快，稳定度高，使被击中者中毒

1. 冲锋枪
2. 英雄：

* 允许跑射，跑步速度提高

1. 机械：

* Gladiator：弹夹40，射速高，稳定度低，有刺刀，装备时近战攻击为刺刀攻击（伤害50，小段突刺）。

1. 魔法：

* Thunder runner：魔法弹药40，射速高，稳定度中，射击有几率附带闪电链

1. 左轮
2. 英雄：

* Golden gun：弹夹6， 伤害极大，无抬手动作

1. 狙击
   1. 英雄：

* Star Devastor:栓动式狙击枪，贯穿一条线的目标，突破音障的感觉，必须趴射
  1. 机械：
* 自动狙击枪
  1. 魔法：

1. 霰弹枪
2. 英雄：

* The World Devourer：枪口喷出能量波，消灭被击中者和与其相近的目标

1. 机械：

* 自动霰弹枪
* 单发霰弹枪，能击退敌人

1. 魔法：

* 双管霰弹枪，魔法弹药2，第一发子弹有燃烧效果

1. 火箭炮
2. 榴弹炮
3. 大宝剑

## 7.1 Overview

## 7.2 …….

# 8. Clothes（🚧）

# 9. Abilities（🚧）

# 10. Monsters and Enemies

## 10.1 Overview

## 10.1 Boss（周毓奇）

## 10.2 Elite Monsters（周毓奇）

# 11. Musical Scores and Sound Effects（🚧）

# 12. Multi-Player Game（孙兆元）

## 12.1 Overview

## 12.2 Stage Walkthrough (放进gameplay里？）

**Stage 1: Explore Mode**

At the beginning of each game, the players will have 1 minute to explore the whole map and collect any useful weapon or armor. (🚧)

**Stage 2: Safari Mode**

In Safari mode, the difficulty of the computer-controlled enemies are constantly adjusting to the performance of all the players. This ensures that the players can always find their suitable enemies at all times. Meanwhile, the players need to watch over their teammates, because a single death in the team would cause everybody to fail the game. (🚧)

**Stage 3: Arena Mode**

In the Arena mode, you cannot trust your teammates anymore. The players need to be able to tackle any incoming threat from other players, because from now on, your only friend is yourself. (🚧)

## 12.3 Settings

## 12.4 Persistence

## 12.5 Saving and Loading

All progress and changes will be automatically saved online in our server. Saving will be performed at the end of each game as well as any change in the settings. If player encounters internet issues, any unsaved data may lose.

If player has already logged in to PSN or Steam, the game will begin to load this player’s data from our server as soon as player runs the game. The loading process will be ran in the background while player is watching the intro animation and is in the title screen. Whenever the loading is complete, player can enter the title screen and begin their journey.

# 13. Miscellaneous（🚧）

# Appendix

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