



## Design Document for: DODGEBALL LEGEND



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# GAME OVERVIEW

## Introduction:

Dodgeball Legend is a thrilling first-person shooter game that combines classic dodgeball gameplay with mind-bending portals. In this game, players must use their speed, accuracy, and portal-making skills to take down their enemies and become the ultimate Dodgeball Legend.

Dodgeball Legend features gameplay mechanics that are like classic first-person shooter games, but with unique additions. The core mechanics include:

**FPS gameplay:** The player takes control of a character from a first-person perspective, moving around the game world and engaging in combat with enemies.

**Dodgeball mechanics:** The player must pick up different types of balls from the ground and use them as weapons to hit and defeat the enemy.

**Unique balls:** The game includes a variety of balls with unique abilities, such as fireballs, ice balls, and explosive balls, which the player can use to defeat enemies in different ways.

**Portal-making:** The player can create portals to move around the game world quickly, flank enemies, or escape danger.

By combining these different mechanics, Dodgeball Legend offers players a fresh and exciting take on the FPS genre, with a focus on fast-paced action, strategy, and unique gameplay mechanics.

## **Common Questions:**

### **What is Dodgeball Legend?**

In Dodgeball Legend, you play an FPS game where you need to move through a changing landscape that has obstacles, enemies, and different types of balls you can pick up and throw at your opponents to defeat them. You can also use portals to move around and escape from the enemy.

### **What are the core mechanics of the game?**

Players will need to master their aim, dodging skills, and use of portals to outsmart opponents and stay alive. The game also features a variety of balls, each with its own unique properties, that can be used to take out enemies or gain a strategic advantage.

### **What is the goal of the game?**

The main goal of Dodgeball Legend is to survive and eliminate all opponents in the game space. Players will need to use their skills and strategy to stay alive, take out enemies, and ultimately come out on top.

### **Why create this game?**

Dodgeball is a classic game that many people have played and enjoyed in real life. Dodgeball Legend provides an exciting and fast-paced gameplay experience that can be a lot of fun for players.

### **Where does the game take place?**

The game takes place in a virtual world filled with obstacles and dangers that players must navigate around.

### **What is the camera viewpoint?**

In Dodgeball Legend, the camera viewpoint is a **first-person perspective**. This means that the player sees the game world through the eyes of their character and can aim and shoot from that viewpoint.

### **What do I control?**

The controls for Dodgeball Legend are based on the standard FPS format. Players can use the WASD keys to move their character and the mouse to aim and throw balls. Additionally, the game allows players to jump and switch between different types of balls using the keyboard, as well as pick up, drop down, and perform other functions.

### **How many characters do I control?**

In Dodgeball Legend, the player controls a single character.

### **How do I win the game?**

To win the game, you must defeat all the enemies in the level.

### **What happens if my HP reaches 0?**

If your HP reaches 0, you will die and restart the level from the beginning.

### **What happens if I hit an enemy with a ball?**

If you hit an enemy with a ball, they will take damage and their HP will decrease. If their HP reaches 0, they will be defeated.

### **How do I kill an enemy?**

You can kill an enemy by reducing their HP to 0. You can do this by hitting them with balls.

### **How do I switch between different balls?**

You can switch between different balls by pressing a specific key on the keyboard.

**How do I make a portal?**

To make a portal, aim at a surface where the portal can be placed and press the portal button.

**How do I enter a portal?**

To enter a portal, simply walk or jump into it.

**Can the player customize their character?**

No, the player cannot customize their character.

**How many enemy types are there in the game?**

In the game, there are two types of enemies, each with their own special abilities and behaviors. These enemies might have more health, be faster, or have other unique features that make them harder to beat.

**What happens if I fall off the platform?**

If you fall off the platform, you will respawn at the starting point.

**How does the ball travel in the game?**

when the player throws the ball, it travels in a straight line until it hits a wall, obstacle, or enemy. The ball can bounce off walls and obstacles, changing its trajectory, which requires the player to adjust their aim accordingly. The speed and distance of the ball's travel depend on how hard the player throws it.

**Is there a limit to how many balls I can carry at once?**

Yes, you can only carry one ball at a time.

**Health Review:**

The player's health is represented by a health bar, which decreases when the player is hit by enemy attacks. The player can regain health by picking up health packs scattered throughout the game space.

**Enemy Review:**

In Dodgeball Legend, players will face off against a variety of enemies, each with their own unique abilities and characteristics. There may be at least 2 different types of enemies in the game, with different strengths and weaknesses.

**TYPE 1:**

The enemy has high speed and agility, making it difficult for players to hit them with dodgeballs or land accurate shots with their FPS weapons.

**TYPE 2:**

The enemy has high HP (health points), making them more resistant to attacks and requiring players to use more powerful balls.

**Ball Review:**

In Dodgeball Legend, players can use a variety of different balls as weapons against their enemies. Each ball has its own unique abilities, making them more effective against certain types of enemies or in certain situations.

**User Interface:**

Dodgeball Legend has a sleek and intuitive user interface that helps players navigate the game world and access important information quickly and easily.

The game's HUD (heads-up display) provides players with essential information, such as their health, as well as their current objective.

The game also features a minimap that helps players orient themselves in the game world and track their progress. The minimap shows important points of interest, such as health and ball pickups, as well as the location of teammates and enemies.

In addition, the game's controls are straightforward and easy to learn, allowing players to focus on the action and strategy. The game can be played with a mouse and keyboard, or with a controller, depending on the player's preference.

**Multiplayer Game:**

If I had more time, I would add a multiplayer mode to Dodgeball Legend where up to 10 players can compete against each other in a free-for-all battle to be the last one standing. This would add an exciting new dimension to the game, allowing players to test their skills against each other.