

Team Origin



CEYLON FIGHTERS

TAPROBANE WARRIORS READY TO FIGHT IN YOUR REALITY

[Project Supervisor]

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Introduction

Augmented Reality Multiplayer Game

- Gaming Industry
- Augmented Reality
- Latest Trends



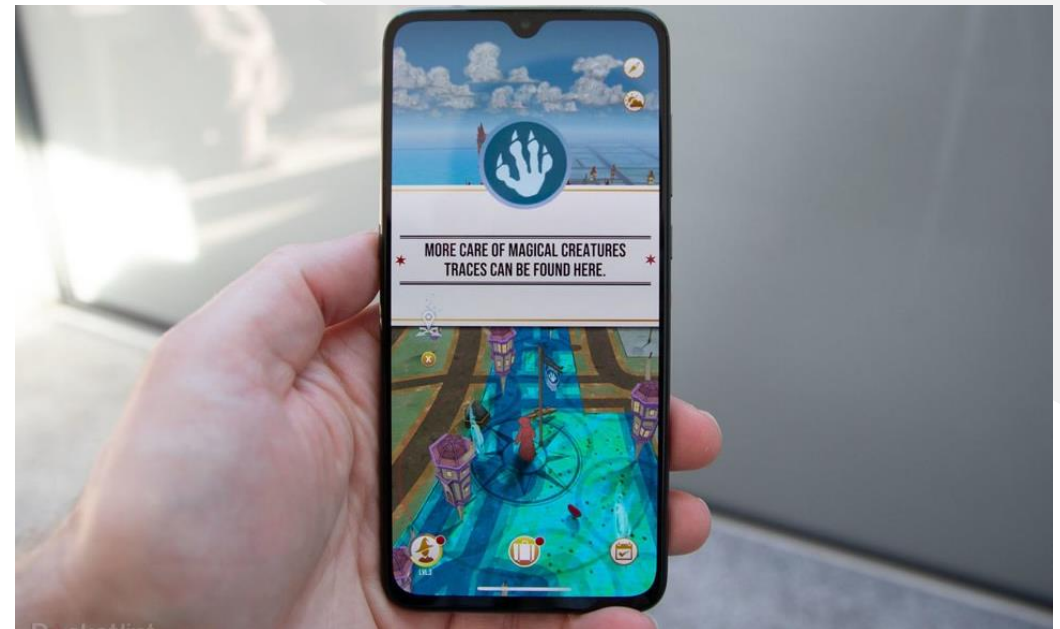
Objectives

- Mobile based game
- Augmented reality mode
- Multiplayer
- Single Level



Existing Games

- Pokémon Go
- Harry Potter: Wizards Unite
- PUBG – PlayerUnknown's Battlegrounds
- Mortal Combat

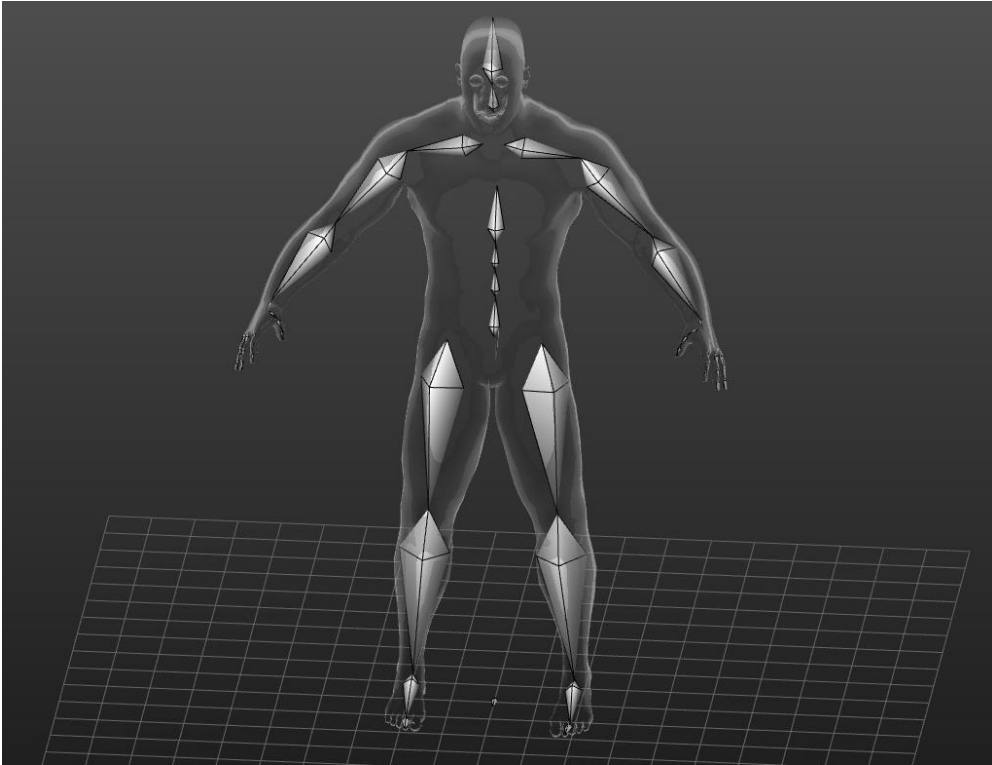


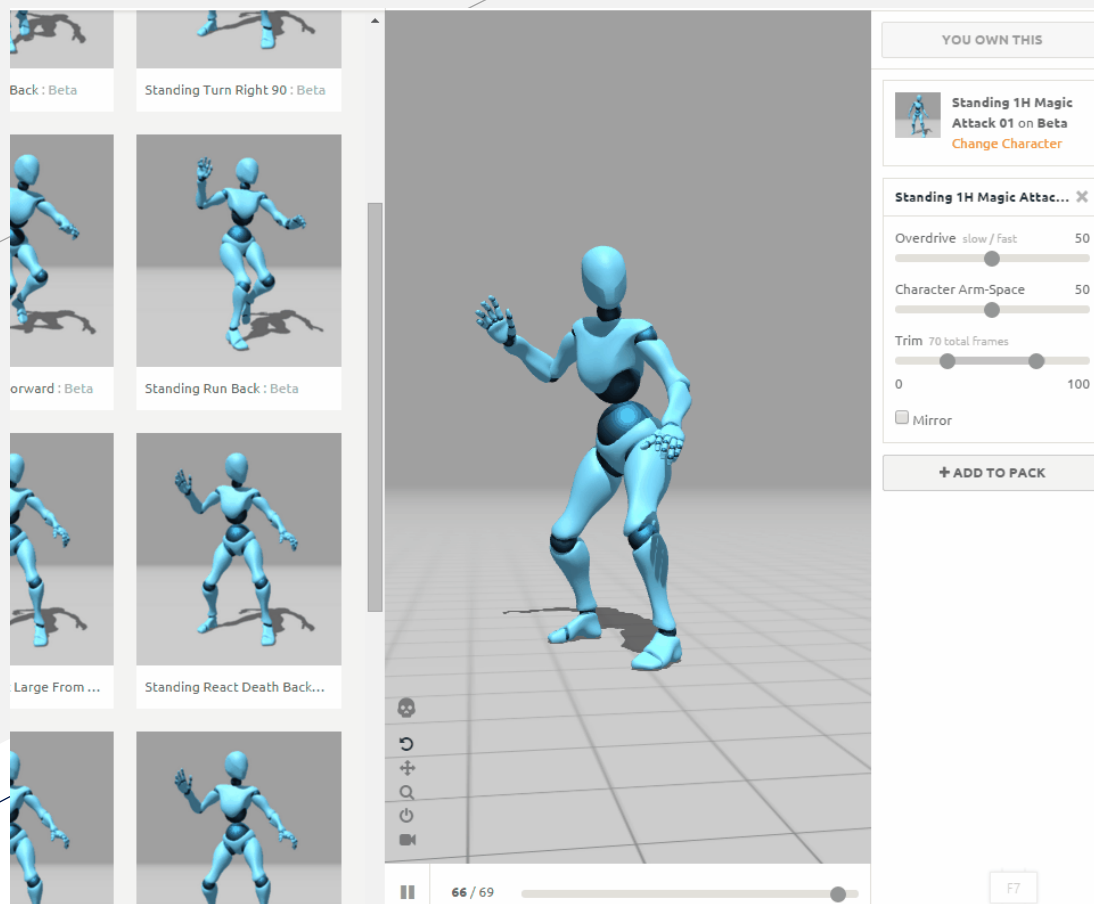
Story

- The story of the game is mainly based on the famous 10 giants that were in King Dutugemunu's army known as "**Dasa Maha Yodhayo**".
- The friendly fights between these giants is the gameplay of the Ceylon Fighters game.



Character





Animations

- Fighting Animations
- Movements

AR Functionality

- Vuforia Engine's Ground Plane
- Detection and Tracking of Horizontal Surfaces
- Anchor Creation and Tracking
- Scale Approximation

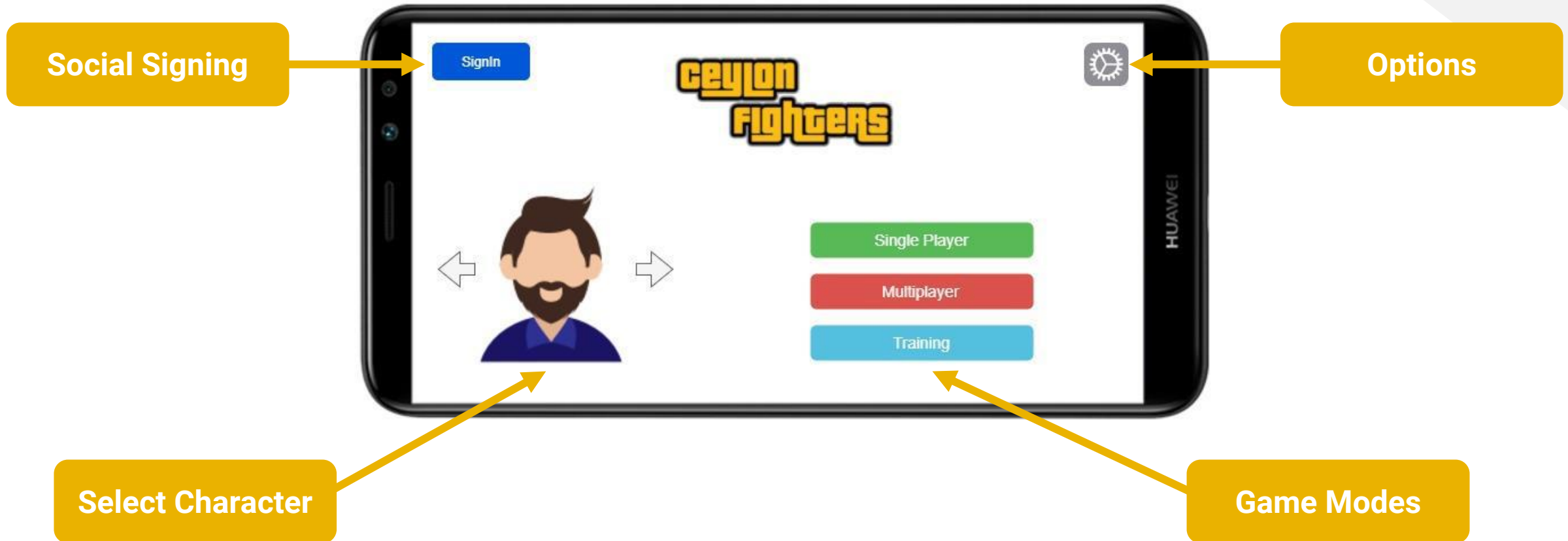


Game Play

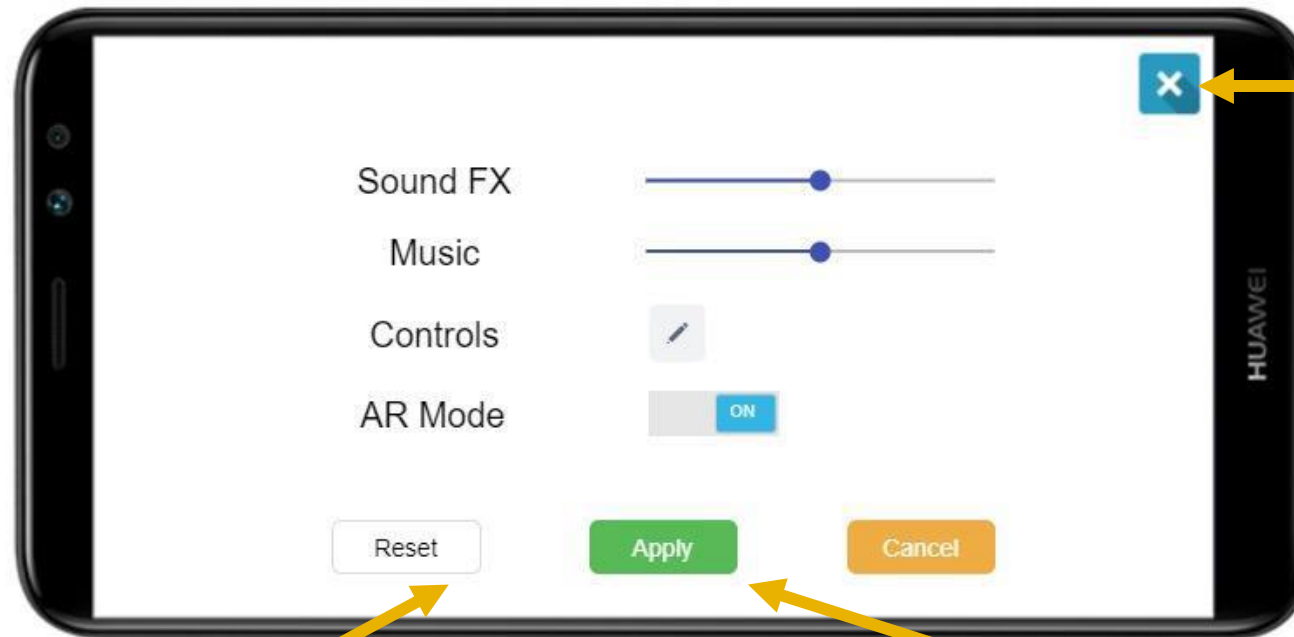
- Three Gameplay Modes
 - Single Player Mode
 - Multiplayer Mode
 - Training Mode



User Interfaces



User Interfaces

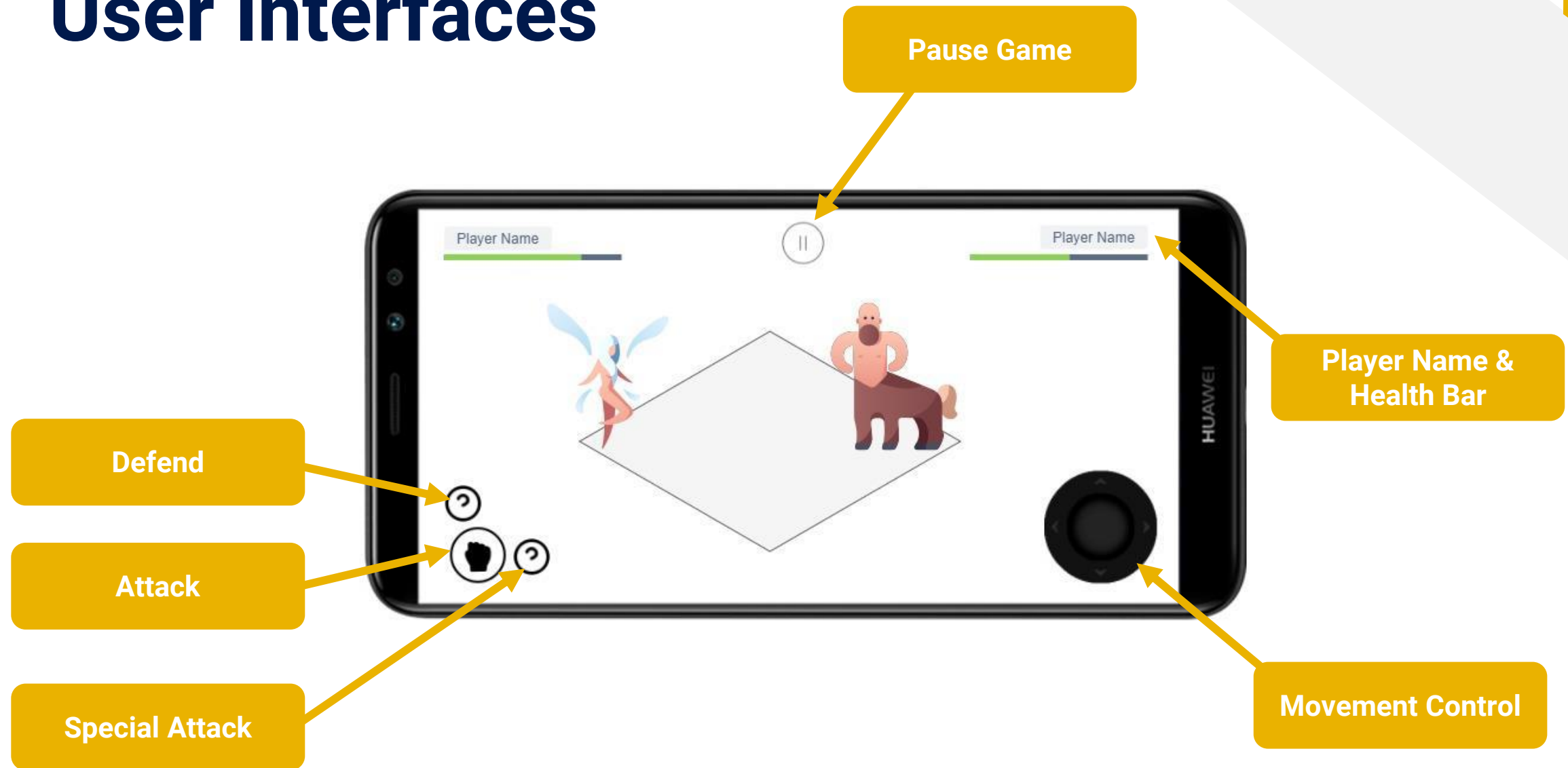


Back to Home

Reset Settings

Apply Settings

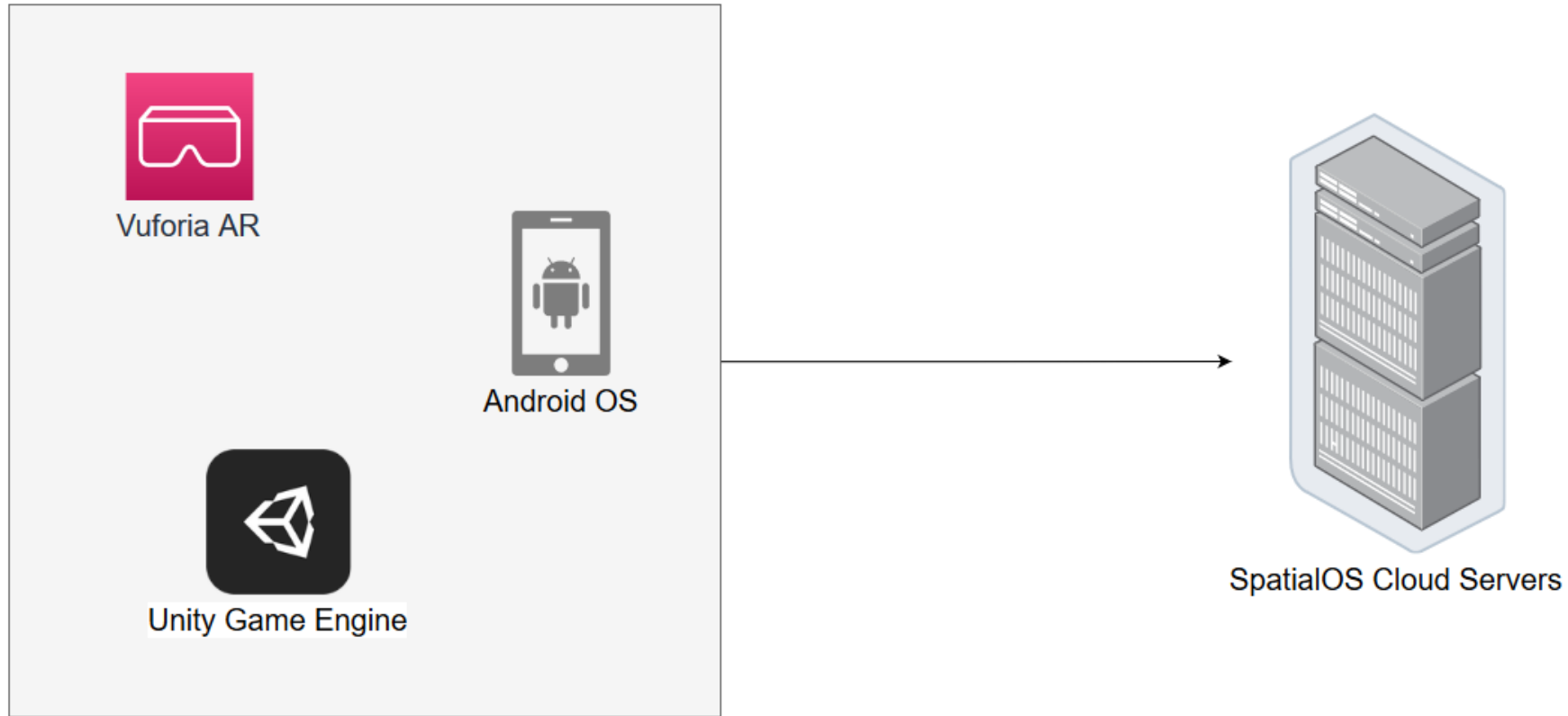
User Interfaces



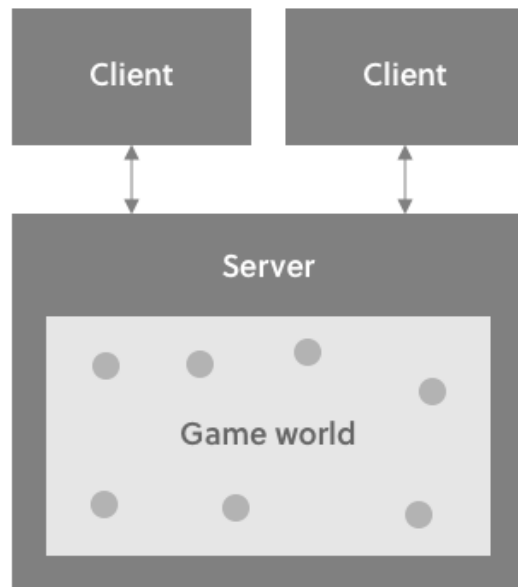
Technology Stack



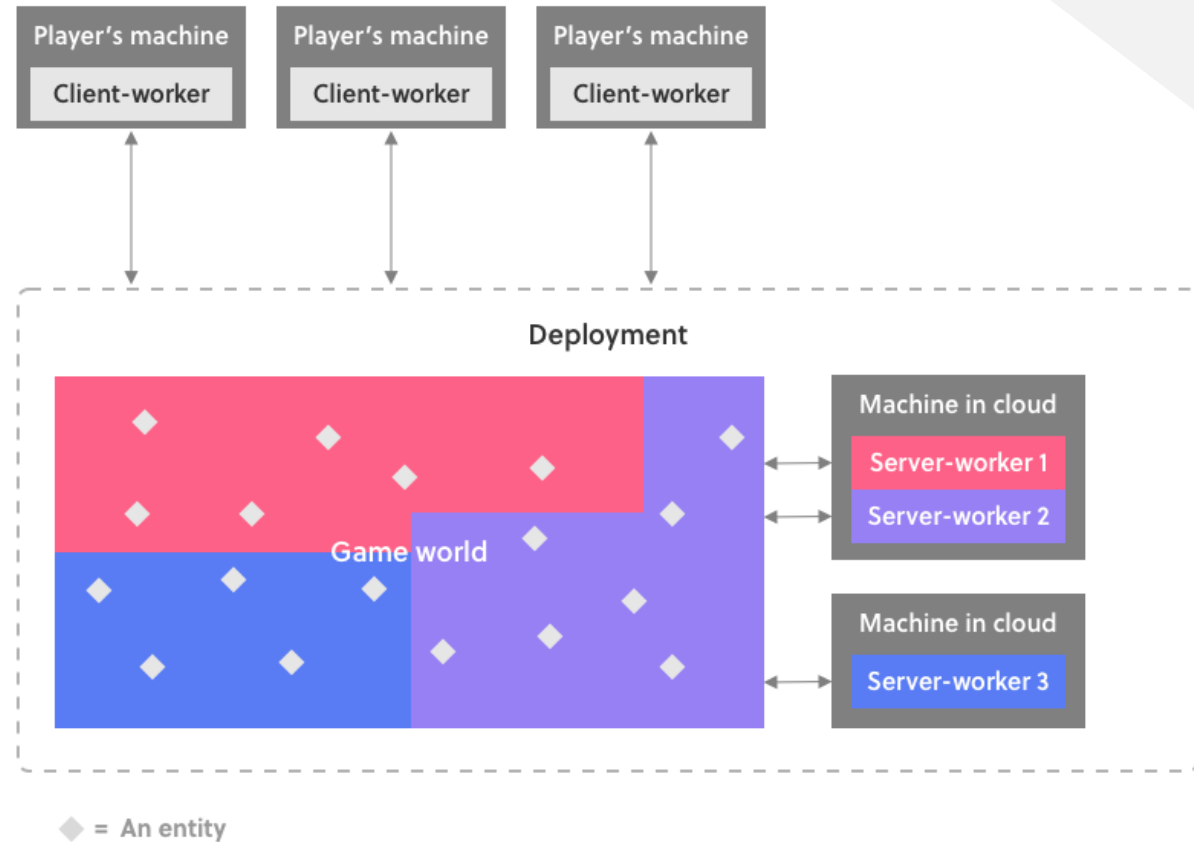
Game Architecture



Multiplayer Architecture



Traditional Multiplayer



SpatialOS Multiplayer

Thank You

Team Origin

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