

The video game development process encompassed an intensive 48-hour period and involved the following steps:

Requirement Analysis: First, I started by carefully examining the needs of the system. This meant internalizing the goals and carefully obtaining relevant data that was essential for the subsequent stages of development.

Idea Generation: After doing a requirement analysis, I had a creative brainstorming session where I experimented with several ideas and approaches. I carefully considered each concept, selecting and honing the most promising ones to serve as the project's pillar.

Asset Acquisition: After that, I searched the Unity Asset Store attentively in search of items that would enhance and speed up the development process. In addition to saving time, this strategic strategy guaranteed the availability of high-quality resources necessary vital for realizing the project's vision.

Game Design: Armed with the acquired assets and comprehensive research, I transitioned to the game design phase. Drawing inspiration from my fascination with outer space, I conceptualized a visually captivating 2D-styled experience set in a spaceship.

Development: With the game's design blueprint in hand, I embarked on the development phase, meticulously crafting each aspect of the gameplay experience. From map construction to feature implementation, I carefully considered every aspect, from building the map to implementing the features to provide the best user experience.

Challenges and Learnings: Although the project was successful, it was not devoid of challenges. One significant obstacle was the integration of objects with the character, particularly, the visible equipping of purchased outfits. This complex process tested my skills and problem-solving abilities.

Evaluation: Reflecting on the project's outcome, I am pleased with the overall result. Despite encountering challenges along the way, the project provided an invaluable opportunity for growth and skill enhancement. Now, I am confident in my ability to take new challenges with my enhanced knowledge.