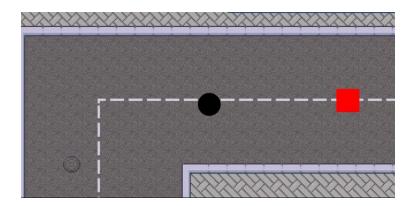
Unused Features and Work Outcomes

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1. GreyBox



This part was completed before game development began, so it was not uploaded to GitHub. Here is a playable link.

(Unity WebGL Player | VRProject_2DGreyBox)

The server is privately owned and will be available until early July.

In game development, the GreyBox represents the direction of the game, showcasing the general gameplay and actual effects. The purpose of this Grey Box is to help the development team better understand what game they are developing.

Overview: The Grey Box developed for the initial bus theme assumes that the black circle represents the bus, and the red square is the mission location. It demonstrates the approximate effect the game will have upon completion. The bus itself has an inertia system, making it difficult to control. Touching the red square will trigger an NPC dialogue about the history and culture of Ansan. The

dialogue system includes a complete workflow, where the dialogue changes based on options, and choosing all the correct options leads to a special storyline.

Both the Task system and the dialogue system are demonstrated here. This version of the dialogue system did not used in public game. It is a complete workflow based on Ink and Inky. Due to its specialization, it was not provided to team members. A simplified version of the system was later developed for the team.

Code (only a portion is shown due to its large volume, please experience the actual effect by playing the game):

Inky (Dialogue System) Workflow:

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BUS Movement System:

2. Photo-taking Feature

Grab ball will take a photo Finally fixed Git , this project only can use Github to push , git is unable to access this project, very strange . This branch was used to test the photo-taking functionality, but it is no longer needed for planned changes outside of the photo-taking functionality, so it has been deprecated. This branch contains some test scenes and cameras (balls). About the photo function: Picking up the ball in the scene will automatically take a picture, and the picture will be saved in the running memory, which can be found through the log information address. The output system has not been produced yet. **P Stage 3**

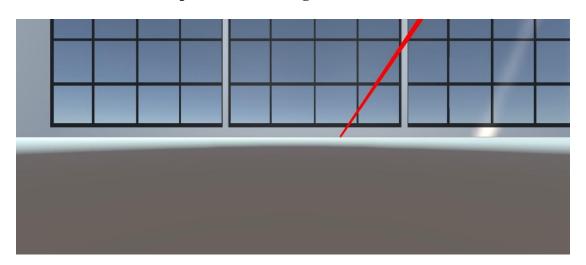
Originally designed for the Stage 3 reporter role-playing game project that I was responsible for, but it was abandoned due to a change in direction. It is stored in the Stage3 branch on GitHub.

The current code takes an automatic photo when an object is grabbed (the photo is stored in the cache).

In-Game:



Photo Taken from the Sphere Camera Angle:



This includes a complete framework for grabbing objects and interaction. Below is a part of the code:

Because it was abandoned, the subsequent parts were not completed. The original plan was to record the objects in the center of the camera when taking photos, and combine this with the task system to create a mini-game where players complete tasks by taking continuous photos.

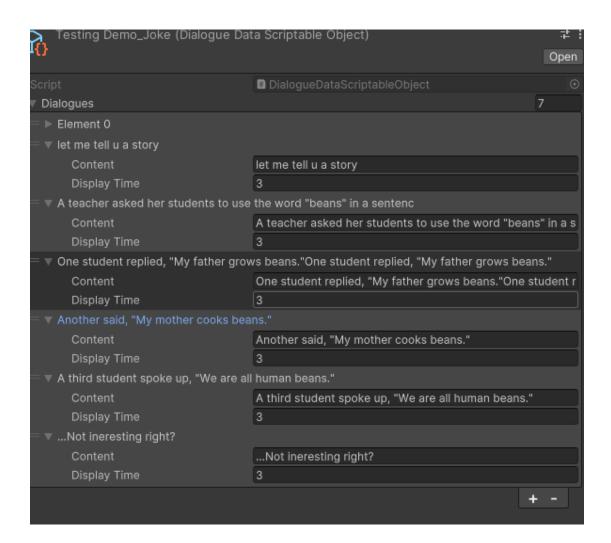
3. Dialogue System



Creating a dialogue system itself is not difficult, but this system was designed to be more manageable and controllable for developers.

In the Grey Box, I also developed a dialogue system based on Ink architecture with a complete workflow. Due to concerns about its usability threshold, a simplified version was redeveloped. It is stored in the Dialogue_System branch on GitHub.

Inspector Panel:



In Game:



Code Part:

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Overview: Using a database and Unity's serialization features, I created a dialogue database system that can be modified and added to within the inspector window. Each dialogue can control the playback time, length, and font size to help developers achieve the desired performance effect.