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Online real estate agency

This project is inspired from https://www.muse.place/

The goal is to have a 3D interactive World to collaborate in context of visiting an accommodation with an agent.
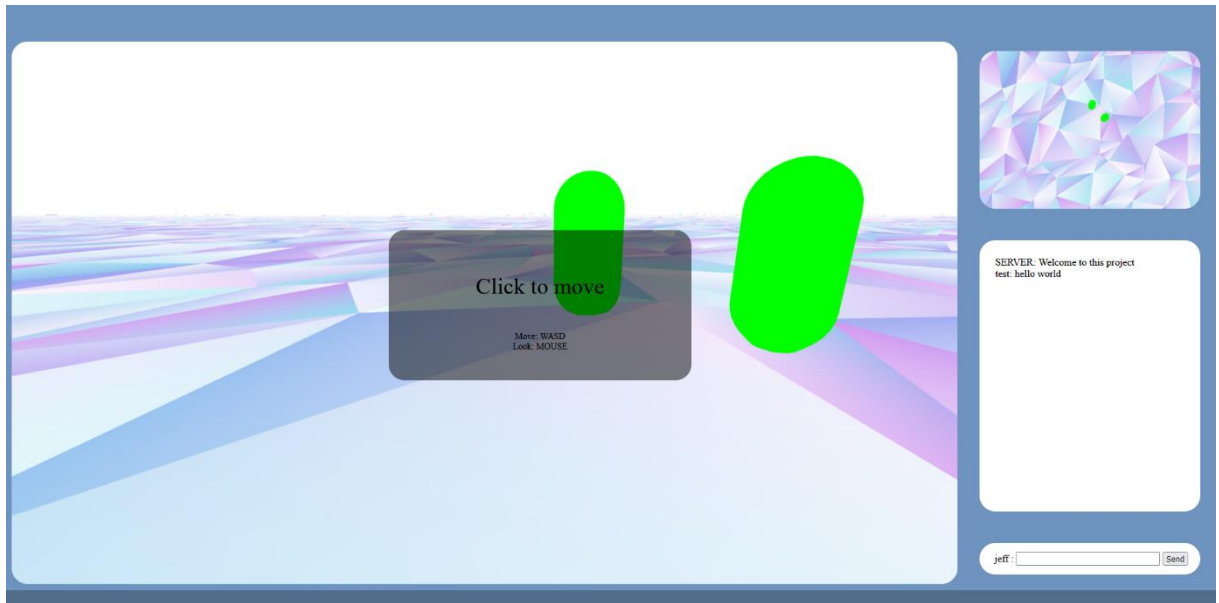
To do that we need:

- A 3D world space to move around
- Clients/server connection to communicate between Users and to edit data
- A Database for consistency and avoid delay
- Accounts to manage permissions
- Some listener to interact with web page

To deals with those sparts, we will use some libraries/API/addons like:

- Node.js (for 3D world and handler/listener)
- Express (application structure)
- EJS (html managing)
- Socket.io (websocket, communication clients/server)
- JQuery (call ajax with database)

When we get there, we want to build a server/app with real time interactions and a fancy User Interface to avoid mistake and miss understanding.

Now we are looking for feature to implement which are:

- Shared views
- Accounts
- Permissions management
- An 3D editing menu shared between users
- Moving/Adding objects

But the communication of Three.js with server is hard with node and express, I encounter a lot of difficulties to setup it correctly which cost me a lot of time. I would like to finish this project, but it was maybe too ambitious for a solo project.

Communication works fine at least if we not try to manage three.js from database after init().