

What I Built: Remote Sphere

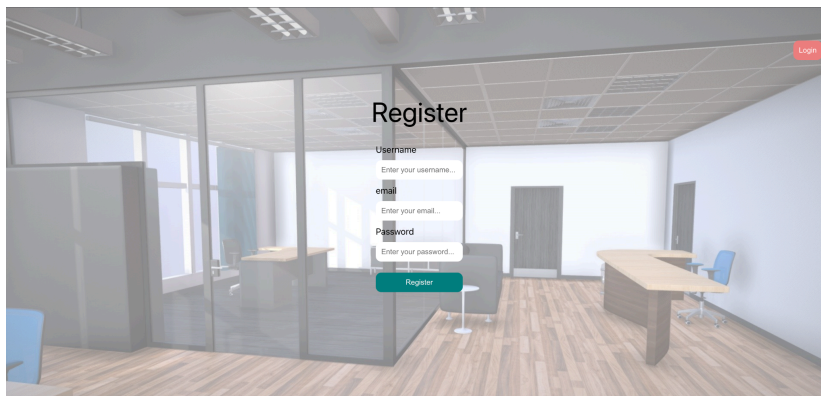
Category Submission: Wacky-wildcard

App Link

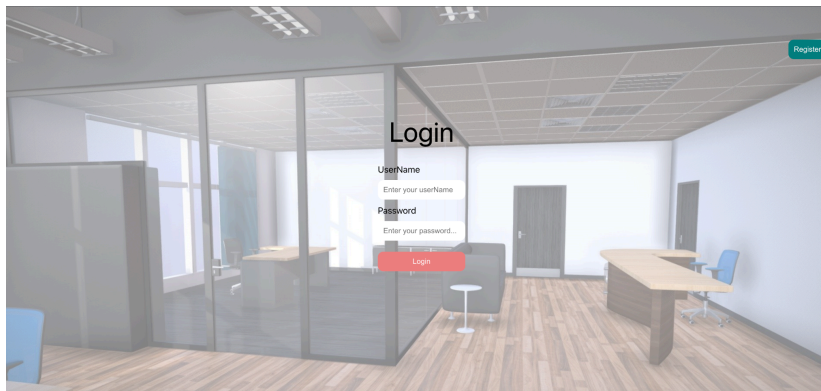
[Click here to access Remote Sphere](#)

Screenshots

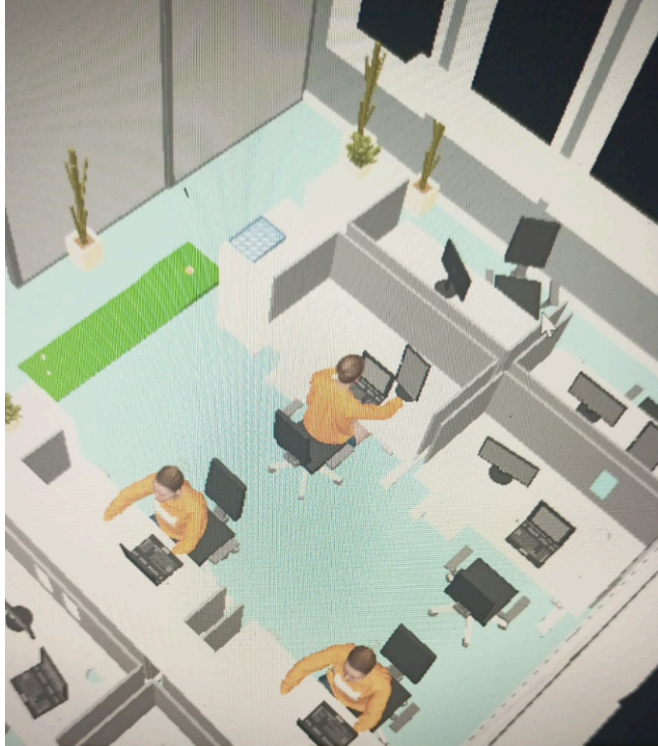
1. Register



2. Login



3. Office



Description

Remote Sphere is a web-based 3D office environment designed to enhance the remote working experience. It uniquely represents employees as user avatars and displays them at their seats in the virtual office space. Leveraging Google's image detection API, Remote Sphere can detect if a user is wearing headphones and reflect this in the 3D environment, signifying that the employee is in a meeting. The software also incorporates a screenshot logging system, allowing for tracking and logging of tasks undertaken by the employees. This digital workplace is designed to make remote work feel more cohesive and interactive, fostering a stronger sense of workplace community.

Link to Source Code

[GitHub Repository](#)

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Background (What made you decide to build this particular app? What inspired you?)

We are group of small & highly focused Developers at Contrivers where we were looking for a 3D solution where all of us can check each others activity for better communication.

Additionally, with the advent of the pandemic, businesses and organisations had to shift towards a remote work environment. This transition, while necessary, brought about its unique challenges. Many employees reported feeling isolated, and there was a decrease in perceived team cohesion. Moreover, tracking productivity and work progress became more complex.

To address these issues, we were inspired to create Remote Sphere. Our vision was to simulate an office environment virtually, making remote work more engaging and manageable. The application's unique features, such as the representation of employees as avatars, headphone detection for meeting status, and the screenshot logging system, all contribute to making remote work feel more structured and organised, while still maintaining an element of fun and interactivity.

By bridging the gap between physical and digital workspaces, Remote Sphere aims to redefine the remote working experience and drive better engagement, collaboration, and productivity in teams.

Additional Resources/Info

- [Google Vision API](#)
- [NestJS](#)