

DAN OTIENO.

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PROJECT ABSTRACT PROPOSAL.

INTERACTIVE WALL.

My proposal is to explore on the idea of interactive walls. Moving further into the 21st century, and with the ever evolving nature of smart entertainment devices, the integration of a cloud-based house wall would be an interesting concept.

The concept of interactive walls is not new, the technology has been widely used to design art walls [\[Source\]](#), video displays, exhibitions and so on. However, with the demand for cloud-based entertainment increasing, and the popularity of smart TVs, I think developing an integrated entertainment and task-based platform, fully built into a new house, or installed on completed houses, would be a game-changer. This would obviously require a stable operating system to manage all the processes involved in carrying out the various platform tasks.

My thought process is a section of a room's wall would be designed into a fully interactive, cloud-based platform with integrated, large display (customizable screen proportions) and touch functionality. This platform would have everything from streaming services, to reading emails or other work-related tasks, launching a central home-wide control panel (a thermostat, controlling lights in a home...etc.), fun and immersive applications and built-in home security interface.

Other Sources:

- <https://prodisplay.com/touch-screens/interactive-screens/interactive-video-wall/#:~:text=WHAT%20IS%20AN%20INTERACTIVE%20VIDEO,touch%20frame%20to%20grant%20interactivity.>
- <https://medium.com/mouth-watering-media/the-top-10-digital-interactive-display-walls-40b96066477c>