DAKSH 2022
Build Things that matter

SASTRA
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# HACKATHON

## MULTIVERSE

## PROBLEM DESCRIPTION

Music composers, architects, developers, scientists, etc. use multiple screens at once to organize and perform their work more efficiently. However, the availability of such infrastructure is often limited to the workplace only and the seating position is also fixed. This restricts the movement of these people.

Why not envision multiple screens/computers inside the MR headsets, simplified into an application that extends any number of displays? The users simply would have to look around for the additional screens in the virtually created space. They also can position the additional screens wherever they want in the virtual space. With just an active internet connection and a HUD[Head-up display], one can work on their complex projects without having to rely on the extra hardware which need not be available everywhere. The application can also be downloaded on the device and can function without the internet too.

## CONSTRAINT

The user should be able to see the keyboard and mouse while wearing the HUD so that the inputs are not restricted.