

PARAM SHIV ASHISH

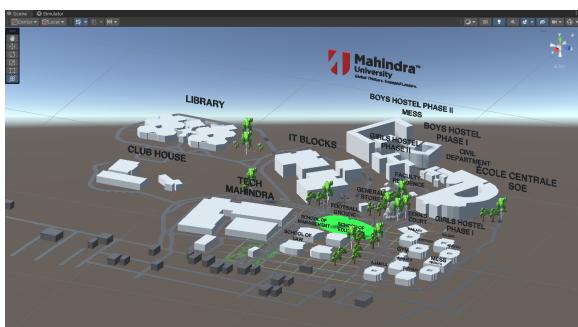
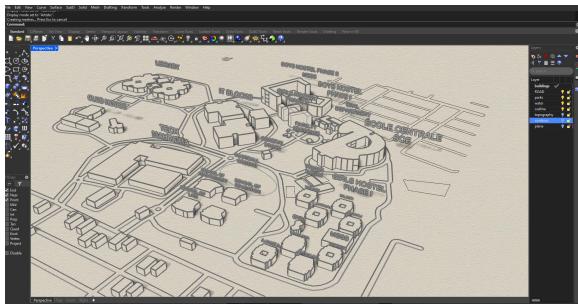
SE22MAID002

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CRIMSON GAZE (BUILT USING UNITY)

AR INTERACTIVE MAP OF MAHINDRA UNIVERSITY



This AR Application generates an interactive map of Mahindra University on a plane surface and you can easily look around the map and the blocks pop up as you gaze across the map. Some other use cases would involve checking out the football match score which is happening in the Mahindra University football ground and could also be used for fun games like treasure hunt hints which could be easily placed on the map using other tools while developing.

HOW DID WE BUILD CRIMSON GAZE

- **RHINO - RHINOCEROS 3D**
 - 3D Map of Mahindra University designed using RHINO 8
- **UNITY**
 - AR CORE
 - VUFORIA PLUGIN (Ar Camera and Ground Plane Stage)
 - C# SCRIPT(to manipulate objects using our gaze (Ray Casting)
- **BLENDER (FOR FEW 3D MODELS)**

HOW TO USE CRIMSON GAZE

- Download APK CrimsonGaze-1.0(from my github or zip)
- Install APK (will likely ask for extra permissions as it is not from store)
- Open the app (You will be greeted with your camera scanning for planes which will take a few seconds)
- As a rectangle reticle appears tap on the screen which will spawn the Mahindra University map on the plane which is detected
- Now you can gaze around the map which interacts as you focus on each block.

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PROJECT DEMO

