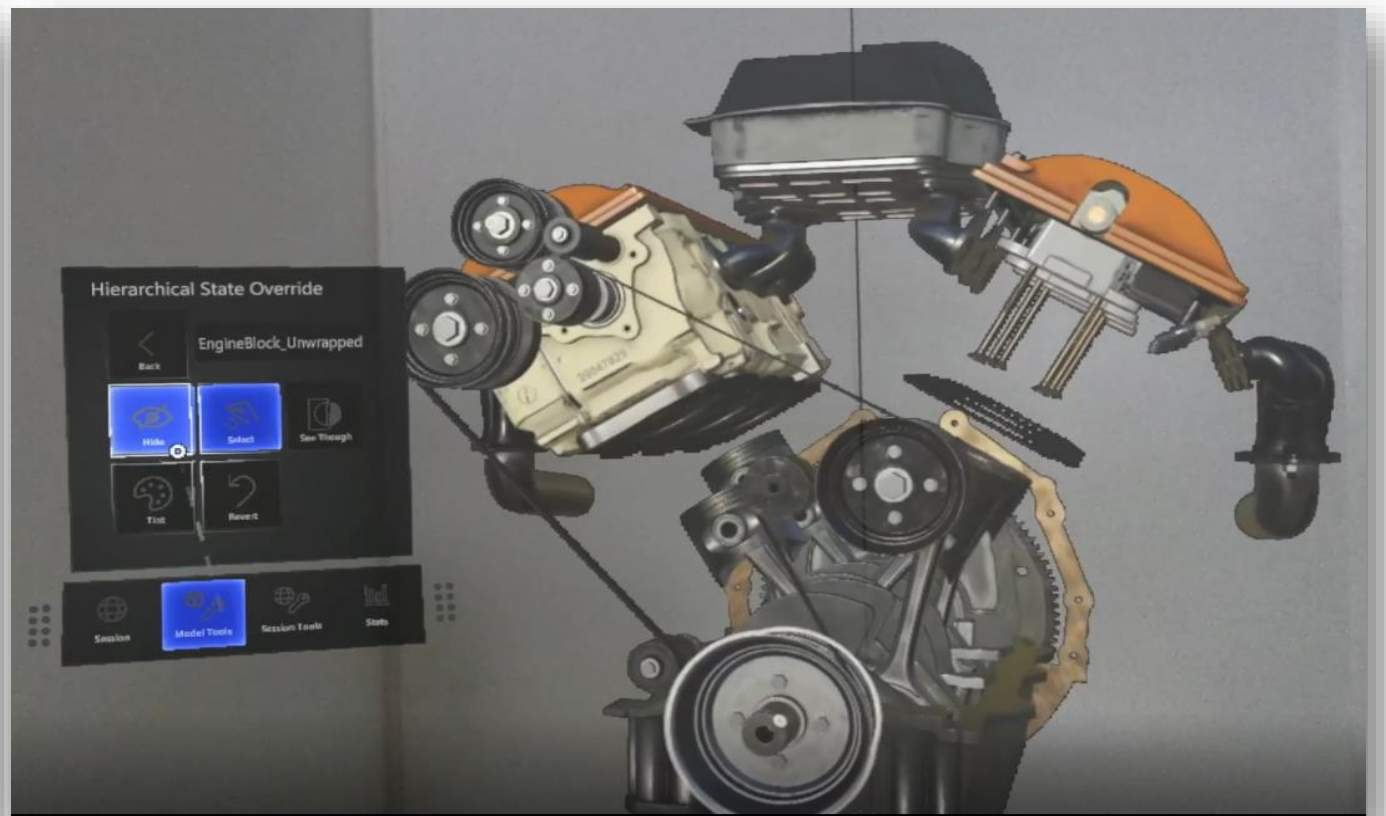
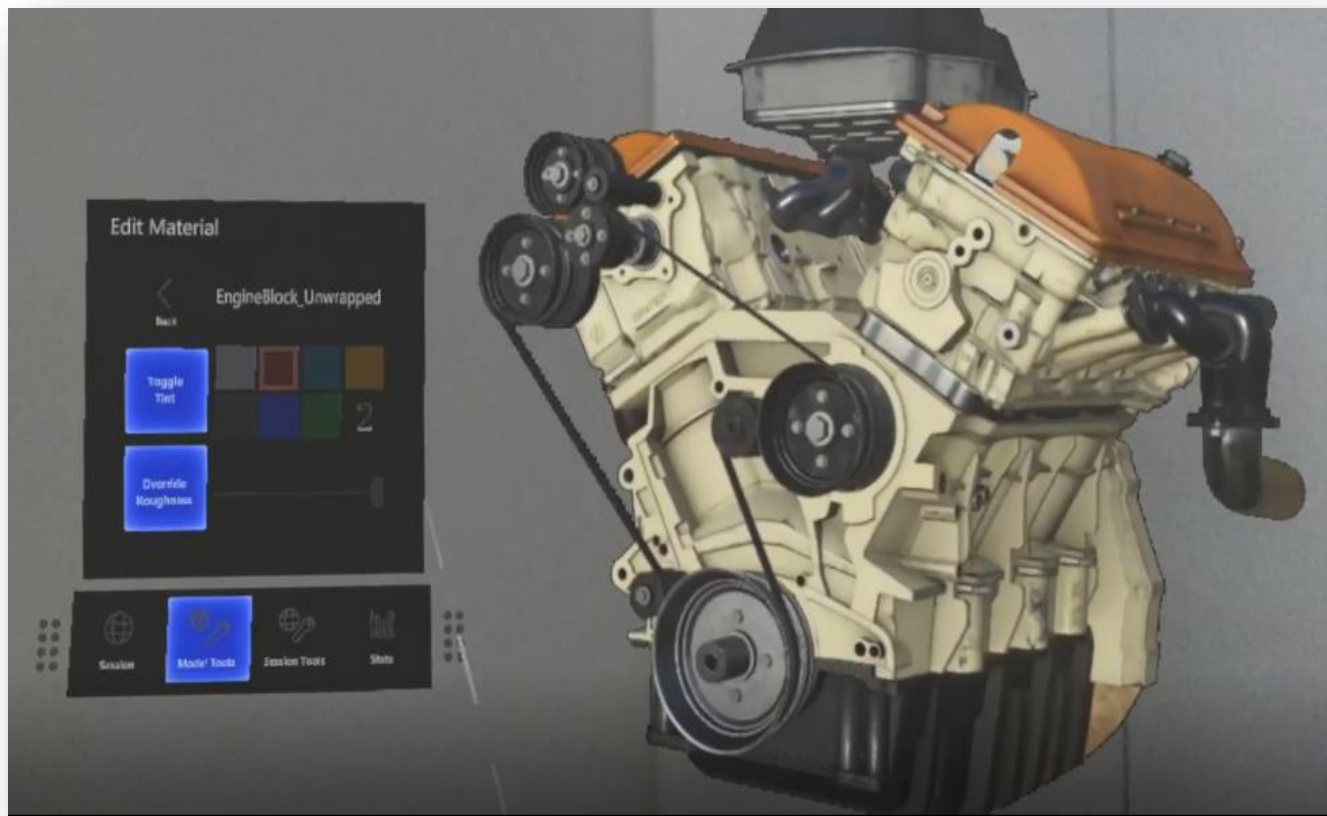


MR Immersive Experience In Microsoft HoloLens2

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Supervisor: Prof Dusit Niyato



Project Objectives:

This project aims to implement a Mixed-Reality application on HoloLens2 that solves the pain points and problems in Real Estate and perform a demo for educational training. The overall system design is focusing on user experience and interactions in MR immersive experience. Meanwhile, Azure remote rendering performs its calculations on the Microsoft Azure cloud platform and sends the result to the customer's software as a 3D video stream to display complicated 3D models.

Main features in this project:

- ❖ Mixed Reality for spatial detection
- ❖ Hand gesture interaction and customization of the properties
- ❖ Azure remote rendering of 3D models
- ❖ Interaction with remotely rendered 3D model for teaching purpose

