AR Car Customizer

18CSE304J- Building applications using opensource AR and VR SDKs

COURSE PROJECT REPORT

Submitted by

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Batch-1

under the guidance of

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Title	**AR Car Customizer**
Concept (50 words)	AR Car Customizer is an innovative project concept that leverages augmented reality technology to allow users to customize their dream cars virtually. Users can select and modify various parts of the car, such as the paint job, wheels, and accessories, and see the changes in real-time through their mobile devices. Users can experiment with different combinations and configurations of car parts to create a unique and personalized look.
Purpose of application	The purpose of the AR Car Customizer project is to provide a virtual platform for car enthusiasts to customize their dream cars. The project leverages augmented reality technology to provide users with an immersive and engaging experience. The app allows users to experiment with different configurations and styles for their cars in real-time.
Engineering principle mapped	1. 3D Modeling and Animation
ARVR Techniques used	1. Target image detection 2. Vuforia SDK 3. Unity Hub
Societal importance of the idea	It can help people with disabilities or mobility issues by allowing them to customize and visualize their dream cars without visiting physical locations.

WORK GALLERY

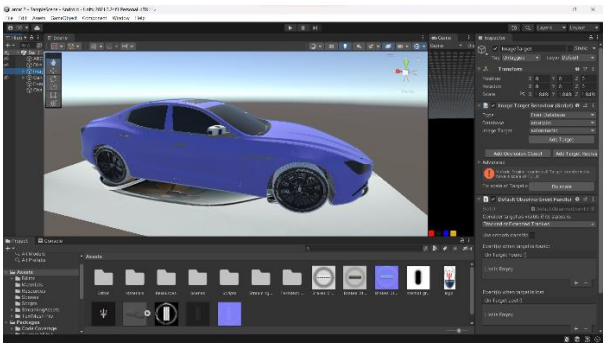

Fig:1 Developed Scene in Unity

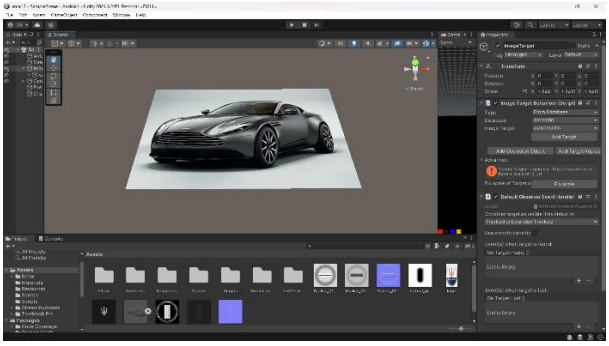

Fig:2 Added target image using Vuforia

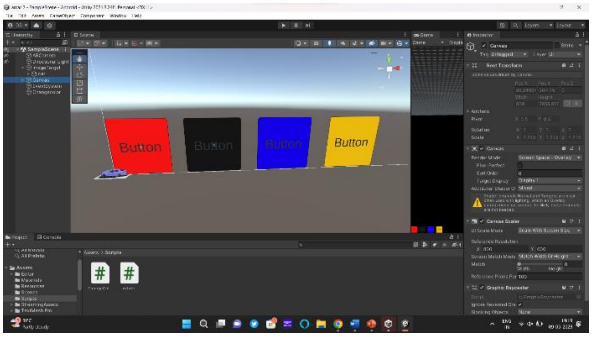

Fig:1 Added Canvas from UI items

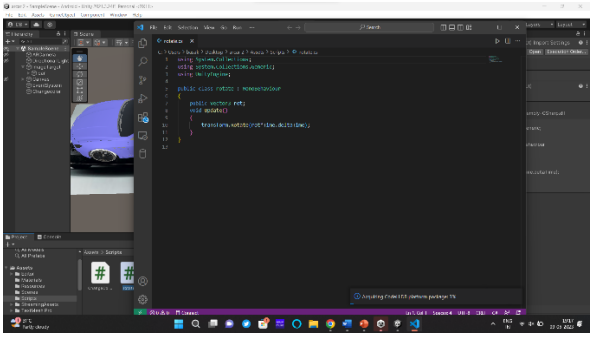

Fig:2 Added Script to rotate the car

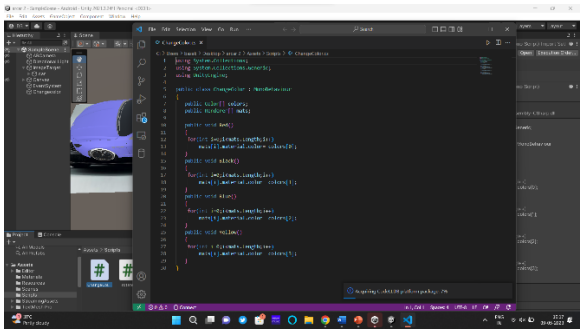

Fig:1 Added script to change color of car

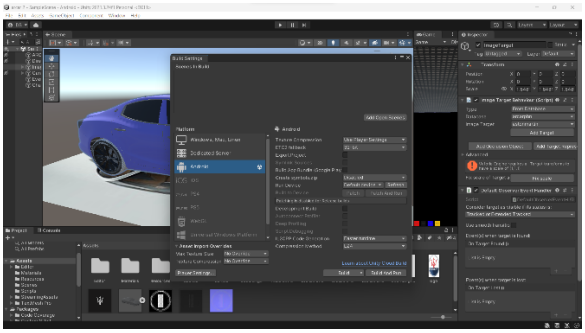

Fig:2 Build the Android SDK