

COMSATS UNIVERSITY ISLAMABAD, ABBOTTABAD

Game development
Assignment # 02 Car Driving

Submitted by:

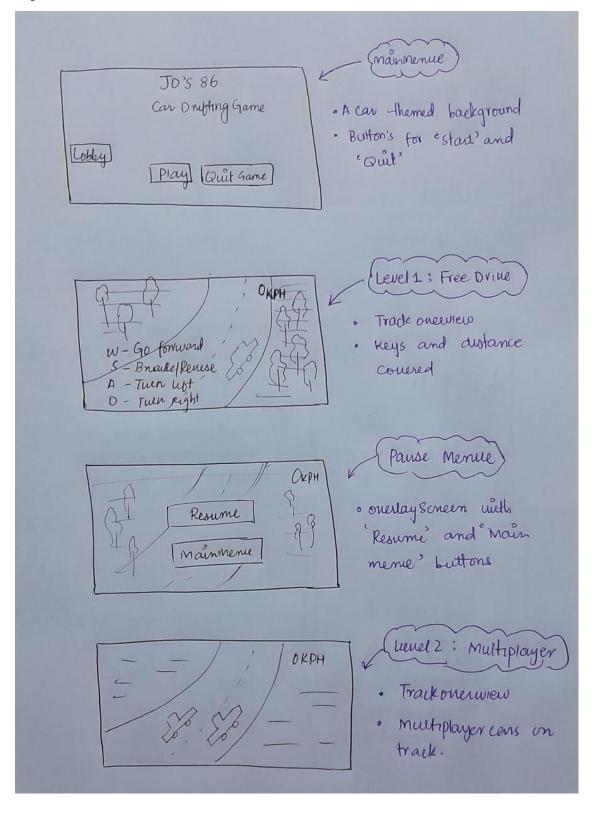
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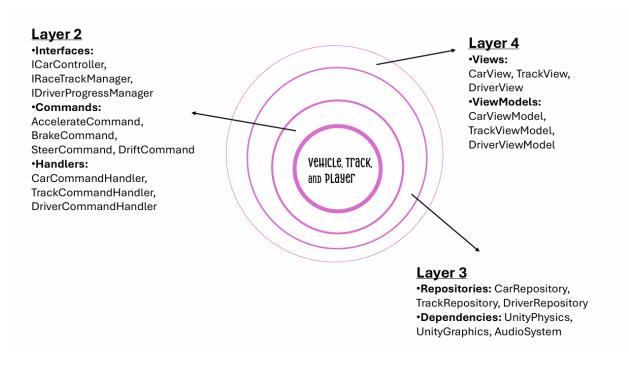
Submitted to:

Sir Ibtisam Gul

Story Boards:



Onion architecture:



Two Game functionalities:

For our assignment, we have the following functionalities:

1. Level 1: Free Drive Gameplay

• Level 1 serves as the introductory level where players can freely drive the car and practice controls.

• Details:

- Includes basic mechanics like moving forward, braking, and turning using keys (W, S, A, D).
- o Displays distance covered and speed in kilometers per hour (KPH).
- o Focuses on the core driving experience, which is central to the game.

2. Pause Menu Functionality

• The Pause Menu allows players to pause the game during gameplay. It provides options to resume the game or return to the main menu.

• Details:

- o Triggered by pressing a specific key (e.g., Esc).
- o Displays overlay with buttons for "Resume" and "Main Menu."
- Enhances user control and improves the player experience by allowing interruptions without losing progress.

3. Main Menu Functionality:

The Main Menu serves as the starting point of the game, allowing players to navigate to different parts of the game. It includes a car-themed background and soothing background music to enhance the ambiance.

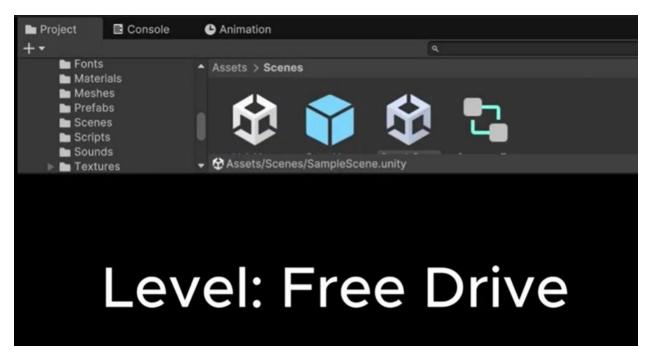
Details:

Buttons: Play, Lobby, and Quit Game.

Background music matches the car racing theme.

Game Screen shots











Video Link: https://drive.google.com/file/d/1Ws8IA4UdZyfdMyMqWP4gWSrM9Mp90sf-				
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