유니티 게임 프로젝트

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Car Controller

기본 화면



간단하게 방향키로 차를 운전하는 게임

1. 맵 변경



https://assetstore.unity.com/packages/3d/environments/roadways/cartoon-race-track-oval-175061

2. 아이템 추가



https://assetstore.unity.com/ packages/3d/props/free-heal ing-item-including-c-script-275780

3. 게임 리셋 (R)



4. 타이머 추가



```
O time.cs X
Assets > @ time.cs > ...
     using UnityEngine;
      using UnityEngine.UI;
      public class GameTimer : MonoBehaviour
          public Text timerText;
          private float currentTime = 0f;
          void Start()
              currentTime = 0f;
          void Update()
              currentTime += Time.deltaTime;
              int minutes = Mathf.FloorToInt(currentTime / 60);
              int seconds = Mathf.FloorToInt(currentTime % 60);
              timerText.text = string.Format("(0:00):{1:00}", minutes, seconds);
```

5. 도착지 설정



6. 체력바 설정



```
mble class Carmealth : MonoBehavLour
 public floot waxHealth = 100f;
 private finat currentHealth;
  public Slider healthdar;
 word Start()
     currentHealth - maxHealth;
     UpdateHealthBar();
  word OnCollisionEnter(Collision collision)
      if (collision:gameObject:ComparaTag("Obstacle"))
         Debug.Log("Collision detected with obstacle");
         TakeDamage(30f);
  bold TakeDamage(flost damage)
      currentriealth -- damage,
      currentHealth = Mathf.Max(currentHealth, 0);
      Debug.Log("Corrent Health: " + currentHealth);
     UpdateHealthBar();
      if (currenthealth <= 8)
         Debug.Log("Car Destroyed");
  wold UpdateHealthBar()
      if (healthBar != null)
         healthdar.value = currentmealth / maxmealth;
```

충돌 시 체력 감소 기능

Reference

- https://www.perplexity.ai/search/yunitieseo-low-poly-car-1-iran-dbffUbOaQtyzhzdNwhWZ3Q
- https://assetstore.unity.com/packages/3d/props/free-healing-item-including-c-script-275780
- https://assetstore.unity.com/packages/3d/environments/roadways/cartoon-race-track-oval-175061
- https://velog.io/@yarogono/Unity-Health-Bar%EC%B2%B4%EB%A0%A5%EB%B0%94-%EA%B5%AC%ED%98%84-%EB%B0%A9%EB%B2%95

점수: 25

- 업그레이드(수정) 7개
- 게임 완성도 부족