

Game

HealthPuzzle Maze

Healthcare Gamification

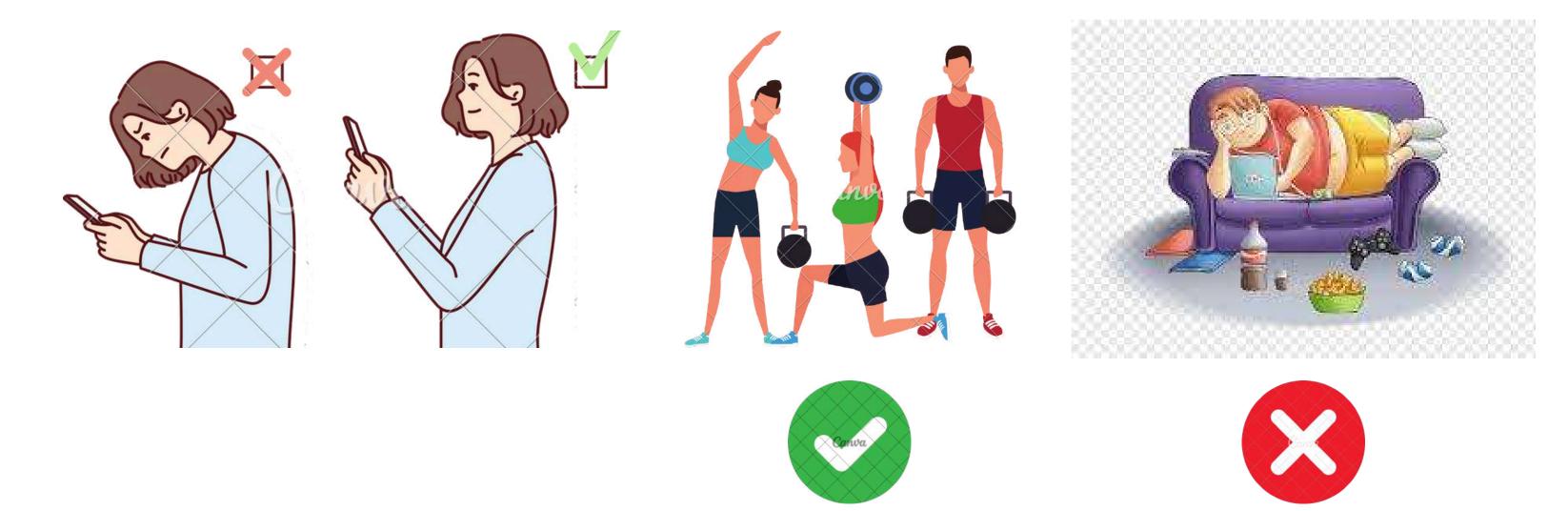
Mars Yernar - 9B - NISA IB

Problem

Physical inactivity is one of the leading risk factors for noncommunicable diseases (NCDs) and death worldwide. It increases the risk of cancer, heart disease, stroke and diabetes by 20–30%. It is estimated that four to five million deaths per year could be averted if the global population was more active.

Problem

• Lack of Physical Activity: Sedentary lifestyles have become increasingly common in modern society due to factors such as desk jobs, long commutes, and screen-based entertainment. Many people spend large portions of their day sitting, which can contribute to various health issues such as obesity and cardiovascular disease.



Solution

- **Promoting Healthy Habits**: Many people struggle to maintain consistent healthy habits such as regular exercise, proper hydration, and good posture. My game provides a fun and interactive way to encourage these behaviors by integrating them into gameplay
- **Preventing Health Issues:** By promoting proper posture, hydration, and nutrition, your game can help prevent common health issues such as back pain, dehydration, and fatigue.

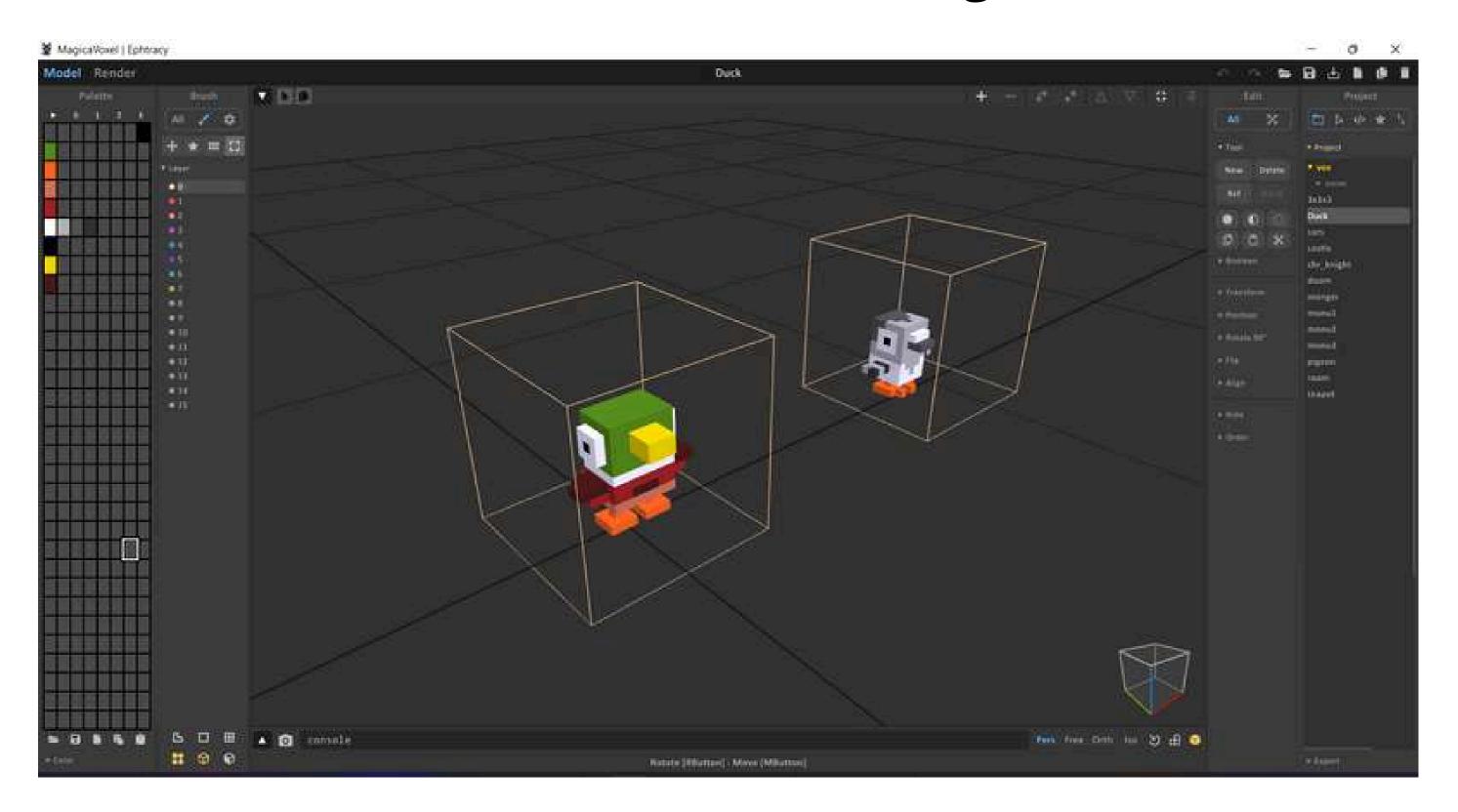




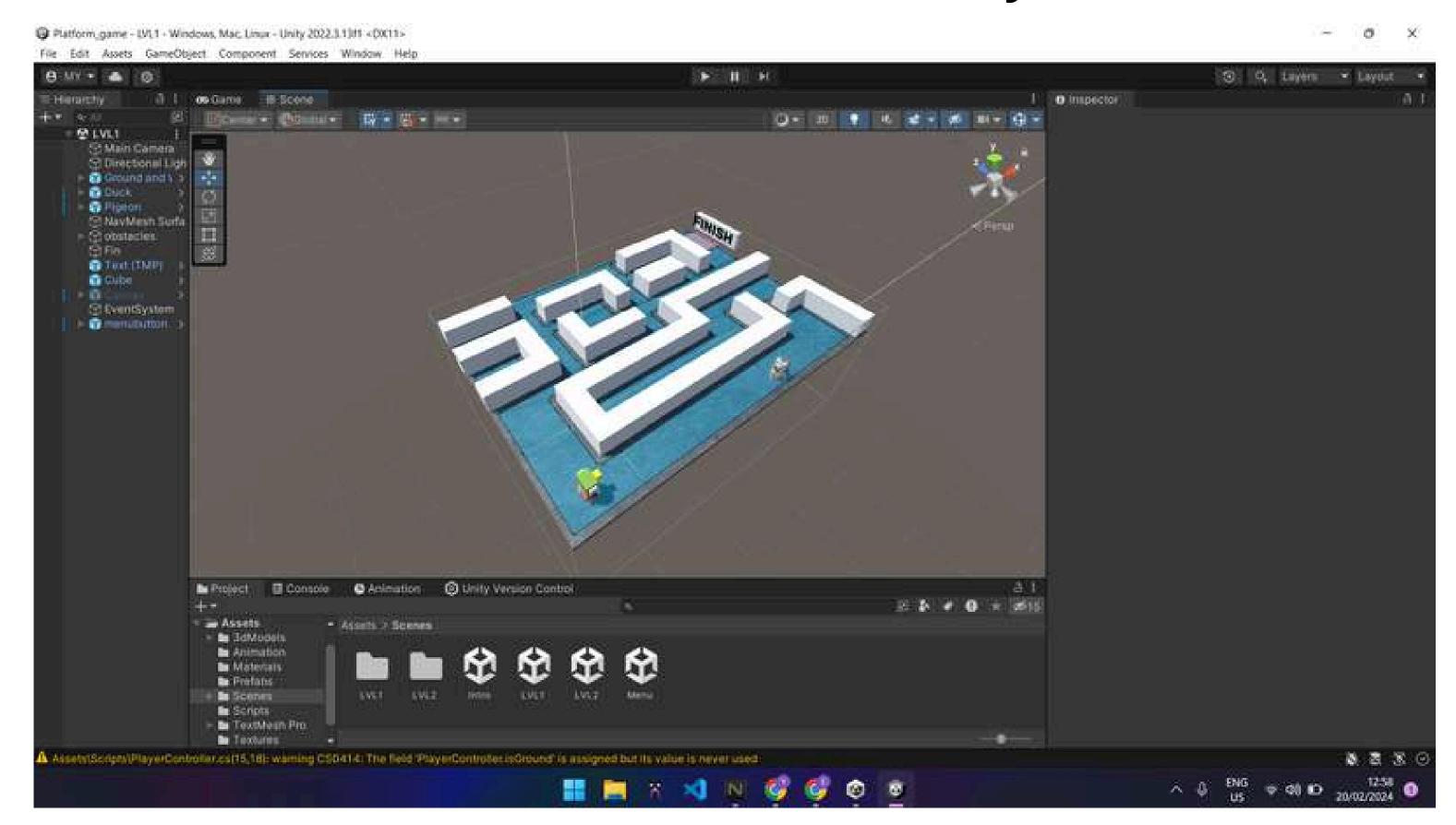




3d models were made in Magicovoxel



Game was made in Unity



Coded in C#

```
View Go Run Terminal Help
                                                                                                 Phytican game.
    File Edit Selection
                                                                                                                                                                                             P- III -
                                     O PlayerControlleres X
O
                         Ameri 2 Scright 2: 4 PhysiCockrishs in 2 to PlayerController 2 to Circollinostates
      2 spende
                                  public class PlayerController - MonoBehaviour
                           139
                                      void Start()
      * Appeta
       2 3-5M-redule
                           25
       2. Arienation
                           27
                                      // Update is called once per frame
       3 Protesta
                                      Direferences
       > Science
                                      void FixedUpdate()
                           300
       Y Scripts
       © Carrerafoliow.ca
                           250
       O Lamper
                                           if (okk == true){
                           300
        C Fireshop
                                               if (Input GetKey(KeyCode W) | Input GetKey(KeyCode UpArrow)){
                           372
       D Finish as
                           352
                                                     xax = 0.1f
       D membranism
                                                    transform.position += new Vector3(0f, 0f, xax);
       O Movetni VI 1 m
       O movetotel2.cs
                                                    // transform.rotation = new Quaternion(0f, 0f, 0f, 0f);
                           344
       Player Controller of
                                                    transform.rotation = Quaternion.Euler(0f, 270f, 0f);
       P quitterptics
                                                    anim.SetBool("IsWalk", true);
                           361
       U tack leater.
       5 Tentifolische Pers
                           377
       2 September 2
       F kdinamint
                           39
       F rounding compoler
                                                else if (Input GetKey(KeyCode.S) | Input GetKey(KeyCode.DownArrow)){
                           40
       C tourbridge
                           42
                                                     xax = -0.1f;
      2 Logs
      2 Hockegen
                           42
                                                    transform.position += new Vector3(0f, 0f, xax);
      2 Test game yester
                                                    anim.SetBool("IsWalk", true);
                           45
      2 UperSettings
                                                    transform.rotation = Quaternion.Euler(0f, 90f, 0f);
                           44
      Amenday-Otherpusp.
                           45
      # Platform game als
                                                else if (Input GetKey(KeyCode.D) | Input GetKey(KeyCode.RightArrow)){
                           96
                           $7
                                                     forward = 0.1f;
                                                    transform.position -= new Vector3(forward, 0f, 0f);
                                                    anim.SetBool("IsWalk", true);
                           49
                                                    transform.rotation = Quaternion.Euler(0f, 0f, 0f);
                           500
                           53
                           5.2
                                                else if (Input.GetKey(KeyCode.A) | Input.GetKey(KeyCode.LeftArrow)){
                           53
                                                     forward = -0.1f;
     NAMES OF TAXABLE PARTY.
    30 A & WO Projects: Share Code Link Digital Code Convert Code Code Chat
                                                                                                                                                             In 77, Col 20 Spaces & UTF 8 CRUF CV Backbox 😝 🗗
```









