Third Year Project

Kelvin Murphy G00311695

Alien Run

Endless Runner Game

For my third year project I had a lot of ideas and thoughts about what to design and make. I spent a lot of time thinking on this and what would be the best type of project I could do to showcase what skills I have in the IT environment.

The fact that it was an open project and we could choose anything we wanted as long as it met the requirements was quite exciting and opened open a lot of opportunities not just to practice the skills and languages we have already learned throughout the course but also to learn new languages if we wanted to and code our projects in that.

It also gave us the opportunity to use new software that we haven’t used before such as Unity, Android studio and Xcode just to name a few. The choice was endless and funnily enough this made what type of project to choose so much more difficult as there was a lot of things id like to have done but in the end I decided to pick an endless runner game created in Unity and written in c#. I felt it was a good choice and I could learn quite a lot by doing it as my c# skills were minimal and I had never used Unity before but none the less I was very much looking forward to it and to broadening my skills.

I thought a lot about different types of projects such as information apps, games and entertainment apps. I had initially decided to create a car information app, which would help the user understand what was wrong with their car. It would do this by showing a menu of car dash symbols and when the user would click the symbol they would see another page with the light, in yellow first describing the problem and should be done. Then below that th symbol would be shown in red which is considerably more dangerous and beside that icon would be what is wrong and what is the drivers best option whether it be to pull over immediately or drive to a garage or if its only minor and its safe to keep driving. In the end I decided against this app as although it appealed to me most people have car manuals in their glove box to show what the symbols mean and most car websites have their own lights up on the site letting you know what’s wrong, most newer cars also have a digital screen that tells the driver exactly what’s wrong as well, for these reason I thought this app was a lost cause as nobody would waste space on their phone with and app when they can just look it up. For these reasons I abandoned this idea.

Another idea I had was an entertainment app that depending on what town or city you were in it would show you where the live music and other nightly entertainment was such as casinos. It would be an app where the biggest events of the night would be at the top of the screen and working its way down then to the smallest, a click of the even would let you know more details such as what time its starting and the address of the venue.

In the end I decided to choose my third idea, which was a game. I chose to do an endless runner as these are a fun and addictive game that I have spent hours even days of my life playing like so many others.