**External Programs**

Though we will be using Unreal Engine 4 (v4.23.1) as the main developing tool for the game. Most assets; textures, models, animations and music, will be developed using external programs. A list of each is below:

**Photoshop:**

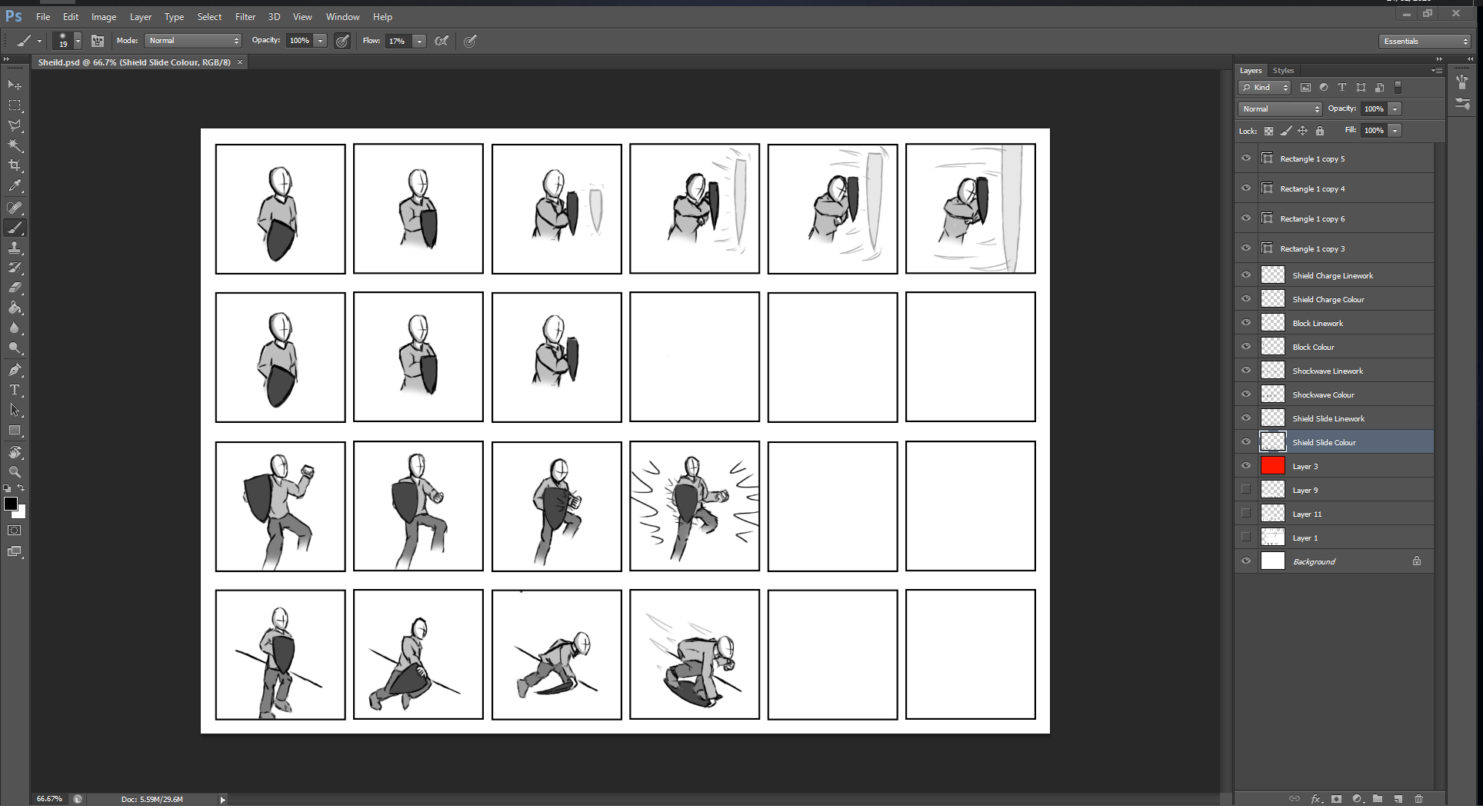
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Figure 1 - Shield animation storyboard, drawn using Photoshop

Photoshop is an Adobe licensed image editing tool, we will be using this to create textures and other 2D assets as well as using it in the design phase for its built-in animation timeline.

**Paint.net:**

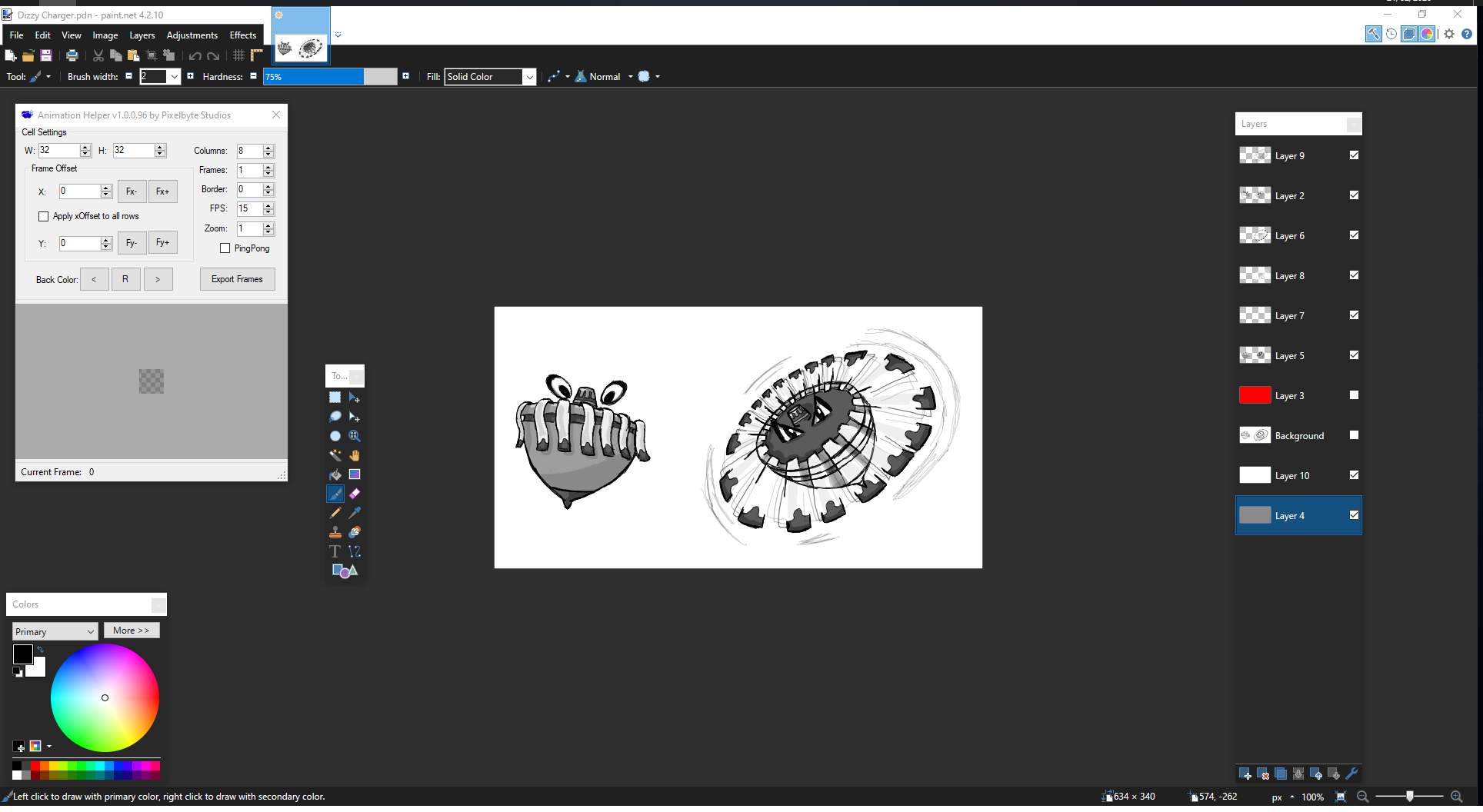
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Figure 2 - Dizzy Charger enemy design, drawn using photoshop

Paint.net is an open source image editing tool, we will be using this and a few community created plugins for developing textures and animations.

**Audacity:**

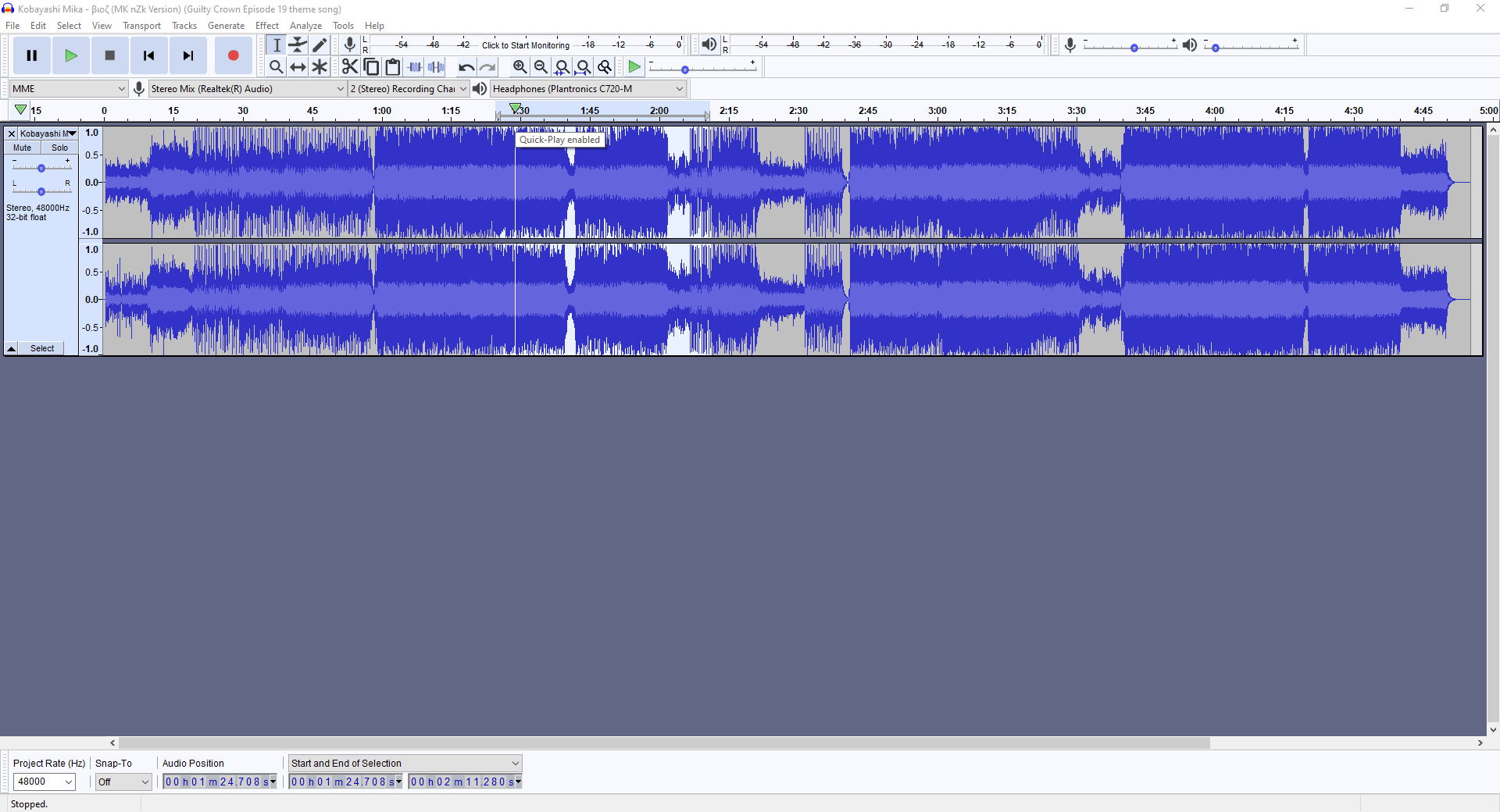
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Figure 3 - Music file, edited using Audacity

Audacity is a simple audio-clip editing software, it allows us to record and alter the audio effects we will be using in the game, while also allowing us to import music to then convert and export it into a usable audio loop **(This may be done using the format of OGG Vorbis).**

**Blender:**

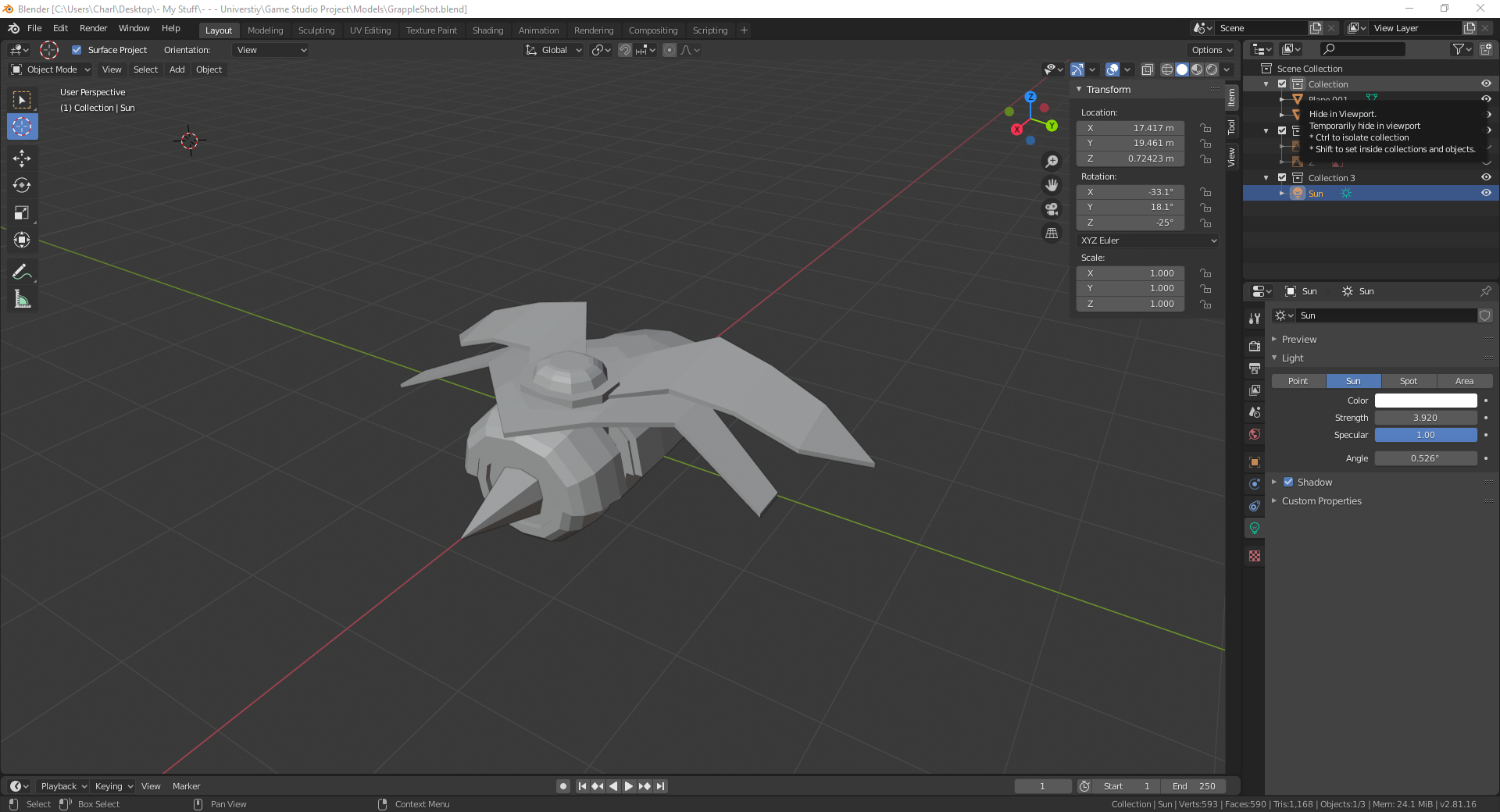


Figure 4 - Grapple-shot 3D model, created using Blender

Blender is an open-source modelling, sculpting, animating, texture painting and material creation software. Those on the team who have not used Maya before, have been using this to create models and animations for the game.

**Visual Studio:**

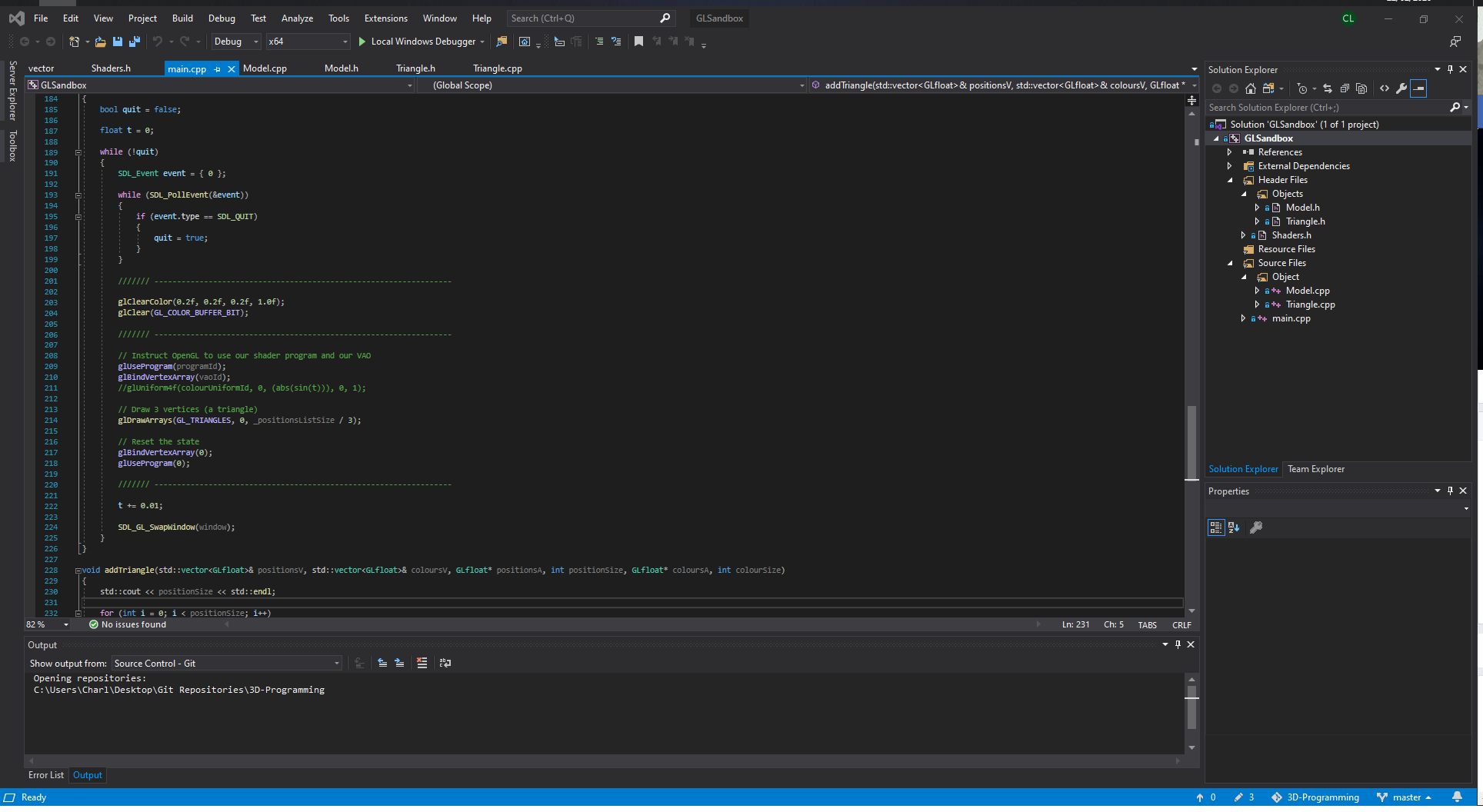


Figure 5 - C++ code, written using Visual Studio

Visual studio is a C++ editor that has integrated support with Unreal Engine 4. The programmers on the team will be using this to program advanced features into the game.