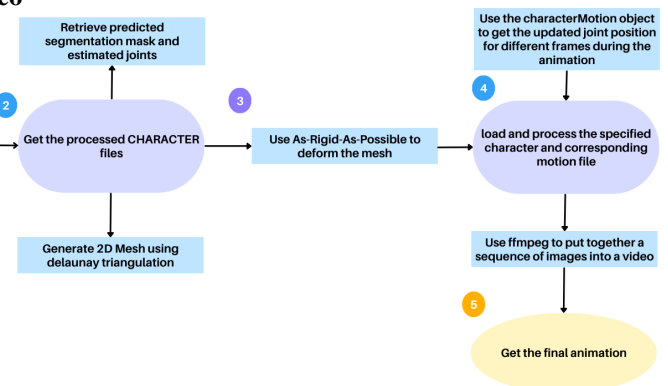


Weizhao Wang; Fulin Jiang; Kunwei, song  
Team 4

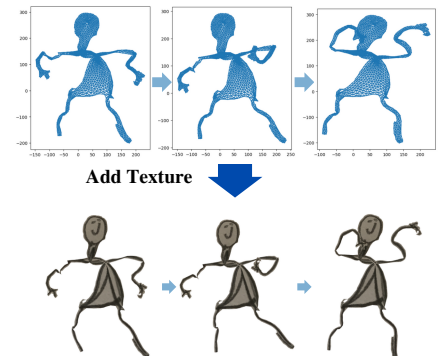
## Method

**This project first uses DALLE to generate the character image, and by combining the Animated Drawings Pipeline to process the original image, bind the character skeleton and finally realize the function of 2D image to simulate the human movement.**

### Step3. Use ffmpeg to put together a sequence of images into a video



**Figure 2. Image Processing Flowchart**



**Figure 3. Adding a texture layer to a 2D character bound to a skeleton**

## References

1. **Some deformation occurs in the texture overlay of the generated character objects, which can be improved to enhance the display effect for better presentation.**
2. **By utilizing the camera and real-time motion and skeleton recognition of the human body, we can apply these movements to 2D characters, enabling them to perform the same actions as humans in real-time. This enhancement will further enhance the practical application of this project.**