

GROUP23_Twelve-Constellations

Group Member:

Lin Liu (Almark)

Chang Lu

Contribution:

Almark - Coding, Searching material

Chang - 3D modelling, Coding

Artist and Technical Statement:

Through the production process, our group's project aims to implement the culture of the twelve constellations in more people. In terms of the artistic decision, we positioned the main color of the whole project as blue. Since blue is the color of the starry sky, the use of this color in the project is more suitable for the background of our twelve constellations. In order to achieve this effect, we tried our best to choose images that match this color, and the UI of the webpage was also designed in this color. In addition, we also adjusted the color of the 3D model to match the blue theme color. In addition, in terms of technical decisions, the main focus is that we added movement effects to the 3D model. We achieve this effect through two APIs, ar.js and aframe.io. The core of this effect is the attributes of a-entity and a-animation. It makes the whole AR scene more vivid and more attractive to the audience. Initially, we wanted to add subtitles to the AR scene to introduce each constellation. However, with only

two members on our team, we were unable to complete all our ideas in the end due to a lack of manpower. This is rather unfortunate for us.