

C S 324E Progress Report 4.1

Group 13

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Animation Plan:

Our plan for our Assignment 4 animation involves a scene with a pirate ship sailing along in the sea. The ship will move horizontally along with the waves, and have a crewmate standing aboard it. The sun and moon will also move in the sky to indicate the passage of night and day. Clouds will also appear to indicate weather patterns. The sequence is expected to take around 5 seconds for the ship to traverse from one end of the screen to the other. This time frame also reflects a full day, with the sun and moon moving through the sky, and clouds shifting accordingly.

Current Progress:

Our current progress on the animation is having the ship, cannonballs, and one cloud completely drawn, as well as audio for the cannonballs firing. We have the ship moving horizontally to the right and restarting when it reaches the max width of the sketch. The ship will fire cannonballs when it reaches the halfway point of the scene. We also have the cloud moving to the left, but as of right now, it restarts at the starting position, rather than offscreen on the right side and seamlessly looping when it reaches the left side of the sketch.

Necessary Classes:

The classes we will need to create this animation include: Ship, Cannonball, Flag, Waves, Sun, Moon, Cloud, and Actor. We will likely need to use translation, rotation and scaling in our animation. Our current progress on implementing these classes is the completion of the Ship, Cannonball, and Cloud classes.

Work Breakdown:

The following list breaks down the classes each group member is working on:

Alex: Sun, Moon

Albert: Ship, Cannonball, Flag, Waves

Amar: Cloud, Actor

Plan Moving Forward:

Our plan for integrating our separate pieces for the final submission is to work separately on different regions/areas/classes of the sketch and combining them later for the sake of efficiency and time. The ship and all its parts will cover the middle/lower portion of the sketch, while the cloud portion will be slightly higher, and the sun and moon will be even higher than that.