COSC 414 Project 1 Screen Captures
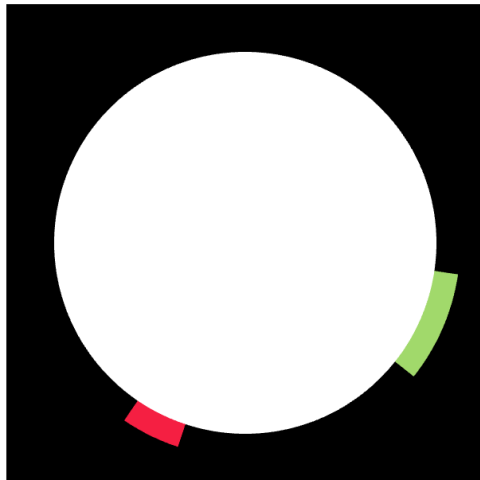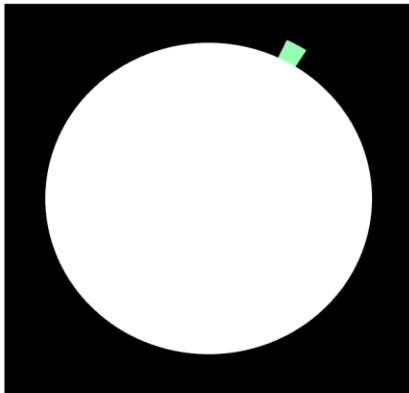
Group 18
Members:
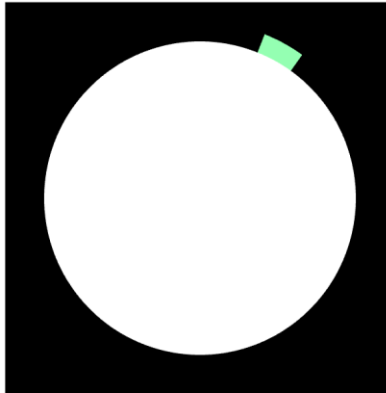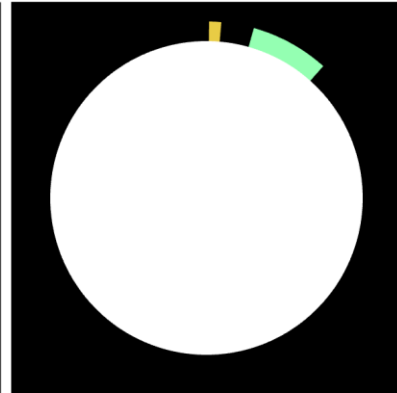Joonsik Kim
Mackenzie Atkins
Michael Turner

Score:
0

The game starts off with a white circular disk centered at the origin with a black background which is viewed from above (Feature 1 & Feature 2). The game can generate up to 10 different colored bacteria (Feature 6). The bacteria appear as different colors in the form of a crust (pizza crust) on the circumference of the circle (Feature 7).
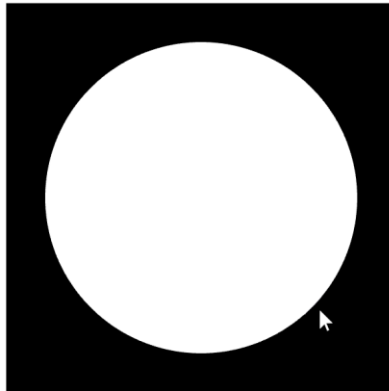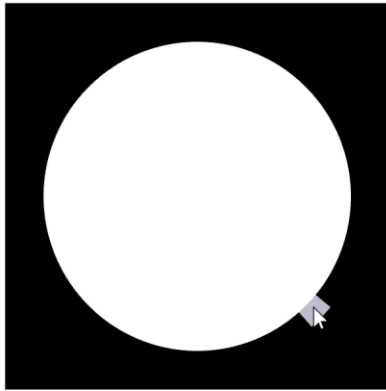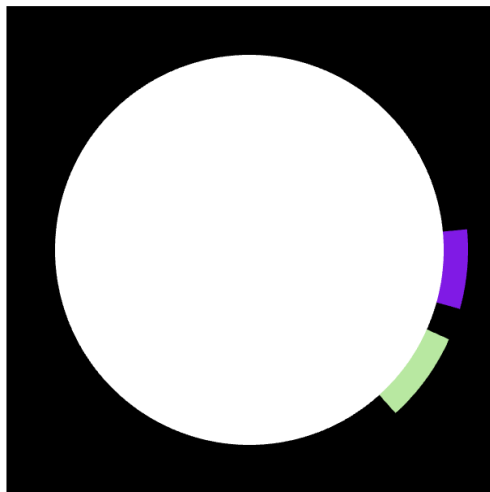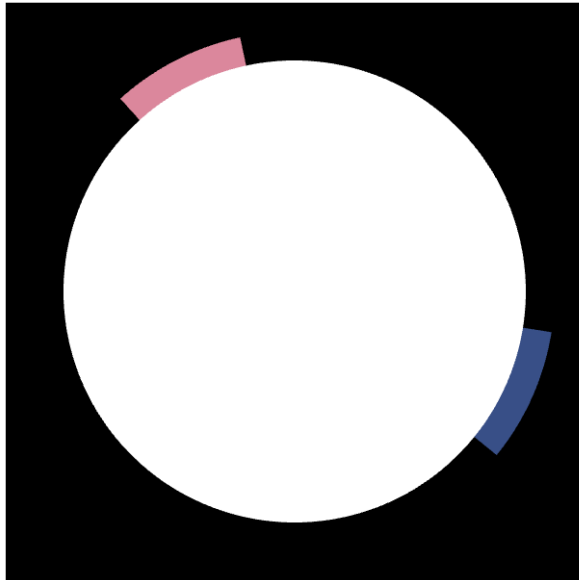

Score:
0

Score:
0

Score:
0

Bacteria grow on the circumference of the disk starting at an arbitrary spot on the circumference and growing out uniformly in each direction from that spot at a speed determined by the game (Feature 3).

Score:

0

Score:

0

The player needs to eradicate the bacteria by placing the mouse over the bacteria and hitting the left-click button (Feature 4). The click will result in poison being administrated to the bacteria which will remove the bacteria (Feature 5).
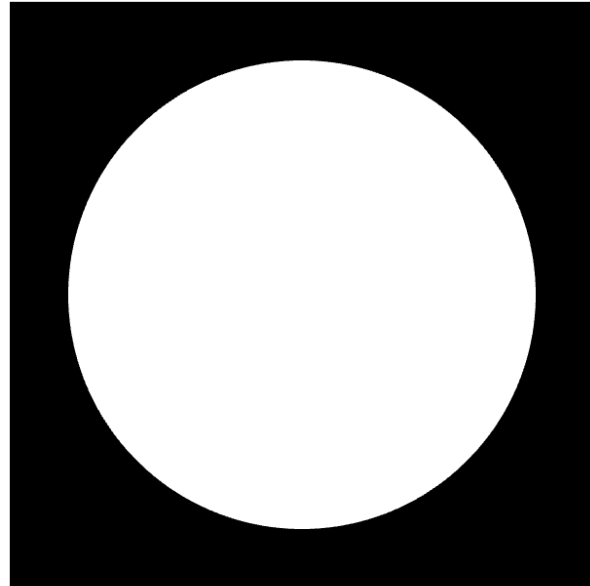

Score:

1.90

The game gains points when the user clicks on the bacteria. The points are determined based on the delay of the click from the spawn of the bacteria (Feature 8).

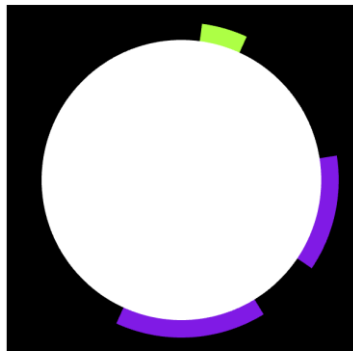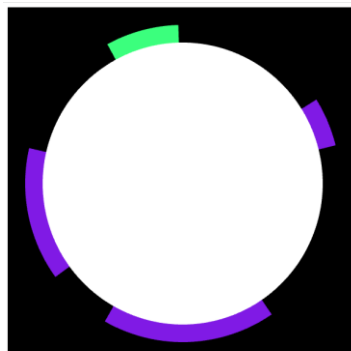The game ends once 2 bacterias reach an arc of 30 degrees. The player wins if all bacteria are removed before the 2 bacterias reach the 30 degree arc (Feature 9).
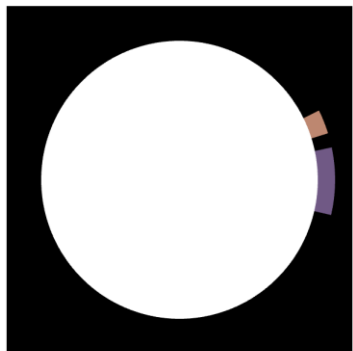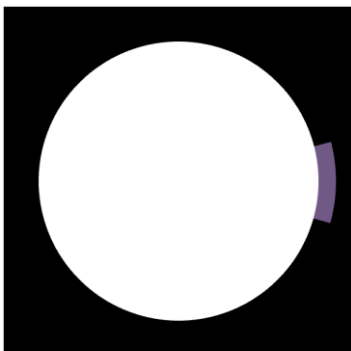
An additional feature implemented is that the poison used when clicked on a bacteria will slowly propagate outward on the circumference of the circle and will destroy other bacteria when it comes in contact with the bacteria (Additional Feature 1). This will not give points. The color of the poison is midnight purple and it can grow up to 360 degrees.

Another additional feature is that when 2 bacteria get in contact with one another, the bacteria that spawns first (the bigger bacteria) will consume the other bacteria (Additional Feature 2). This consuming will remove the later-spawned bacteria and will not give points.