

COSC 414 Project 1 User Guide

Group 18

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Getting started: Download and place project1.html and bacteria_game.js into a file of your choosing. Simply double click on project1.html and choose a browser that supports webgl and the game will begin automatically. After the game is completed, if you'd like to play again simply refresh the page.

Playing the game: When the game starts, colored arcs will begin to spawn on the edge of the white disk. That is bacteria! In order to destroy the bacteria, simply left-click the bacteria and it will be poisoned and destroyed. Any poison inserted into the bacteria will begin to propagate outwards from the destroyed bacteria - don't worry, it's there to help! Any bacteria touched by the poison will be destroyed instantly.

Scoring and winning: The faster you click on a bacteria after it appears, the more points you get. You win the game by destroying all the bacteria on the screen, or by having the poison consume the entire crust. However, any bacteria destroyed by the poison will not award any points, so be quick! Additionally, any bacteria that touch will cause the older and more powerful one to consume the smaller one, also resulting in no points being given.

Losing: When bacteria reach their maximum size, they become too potent and the symptoms of the bacteria will linger even after it is destroyed. If two bacterias reach their maximum size the infection has taken over and you lose!