

Project Design Document

mm/dd/yyyy
Student Name

Project Concept

1

Player Control

You control a

Deer

in this

Top down

game

where

Arrow keys

makes the player

Move around the screen in all directions

2

Basic Gameplay

During the game,

Other animals and obstacles

appear

from

The top of the screen

and the goal of the game is to

Avoid crashing into rocks and being eaten by foxes

3

Sound & Effects

There will be sound effects

*When you bump into other animals,
Crash into a rock, or are eaten by a fox*

and particle effects

When you crash into a rock

[optional] There will also be

A scrolling background making it look like the animals are running very quickly

4

Gameplay Mechanics

As the game progresses,

Waves of foxes attempt to attack

making it

More difficult to stay alive

[optional] There will also be

Hearts that appear, giving player extra health

5

User Interface

The

Lives

will

decrease

whenever

The player hits a rock or is bitten by a fox

At the start of the game, the title

Oh Deer

will appear

and the game will end when

You run out of all lives

6

Other
Features

You will bounce off of larger animals, making it harder to control the player and avoid the dangers

Project Timeline

Milestone	Description	Due
#1	- Project / Camera set up with primitive objects for all gameplay objects	mm/dd
#2	- Player can move in all directions and cannot leave play area	7 days
#3	<ul style="list-style-type: none"> - Objects randomly spawning from top of screen - When player collides with other animal, they bounce - When player collides with life-up, it is destroyed 	7 days
#4	- Primitive objects and background replaced real 3D assets	7 days
#5	- Heath/Gameover mechanic programmed, but not added to UI- just confirmed with logs to console	7 days
#6	- Particle and sound effects implemented, including scrolling background	7 days
#7	- Particle and sound effects implemented, including scrolling background	
Backlog	<ul style="list-style-type: none"> - Powerup object that allows player to jump over obstacles - High Score board that allows you to input your initials and save scores - 	mm/dd

Project Sketch

