

Mayor Cat Adventure Game

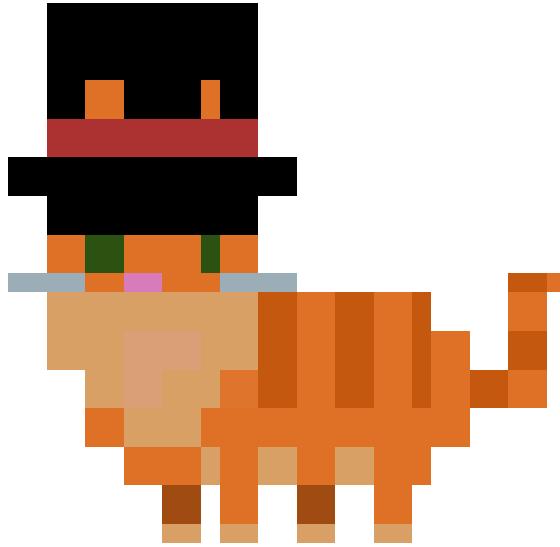
Midterm Project Report

Team: Game

Melissa Fowler, Ghazal Hami, and Kayla Meistrell

maf22@hood.edu, gh8@hood.edu, km38@hood.edu

<https://github.com/Fowlerma32/cat-adventure>



Cat Adventure Game Overview

Mayor Cat

Mini
Games(educational)

Taking care of the
town

Background and Project Plan

- Town improvement system
- Lack of story line
- Too much combat
- Not enough cats
- More educational



Technical Description

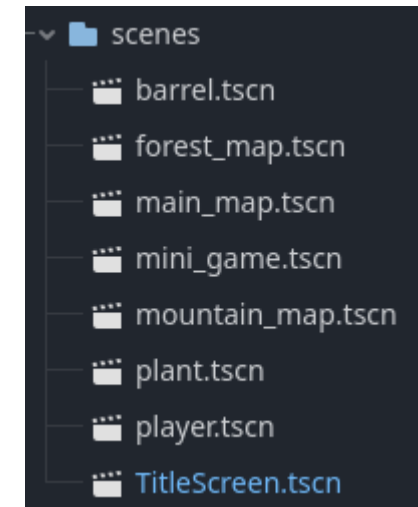
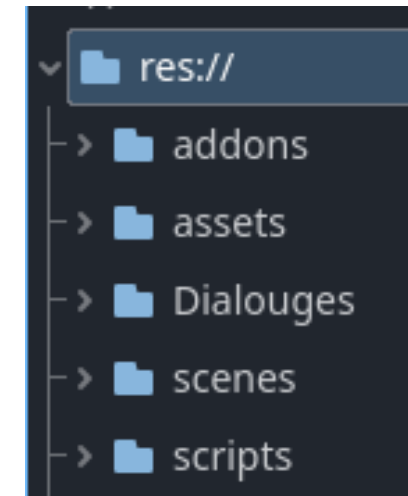
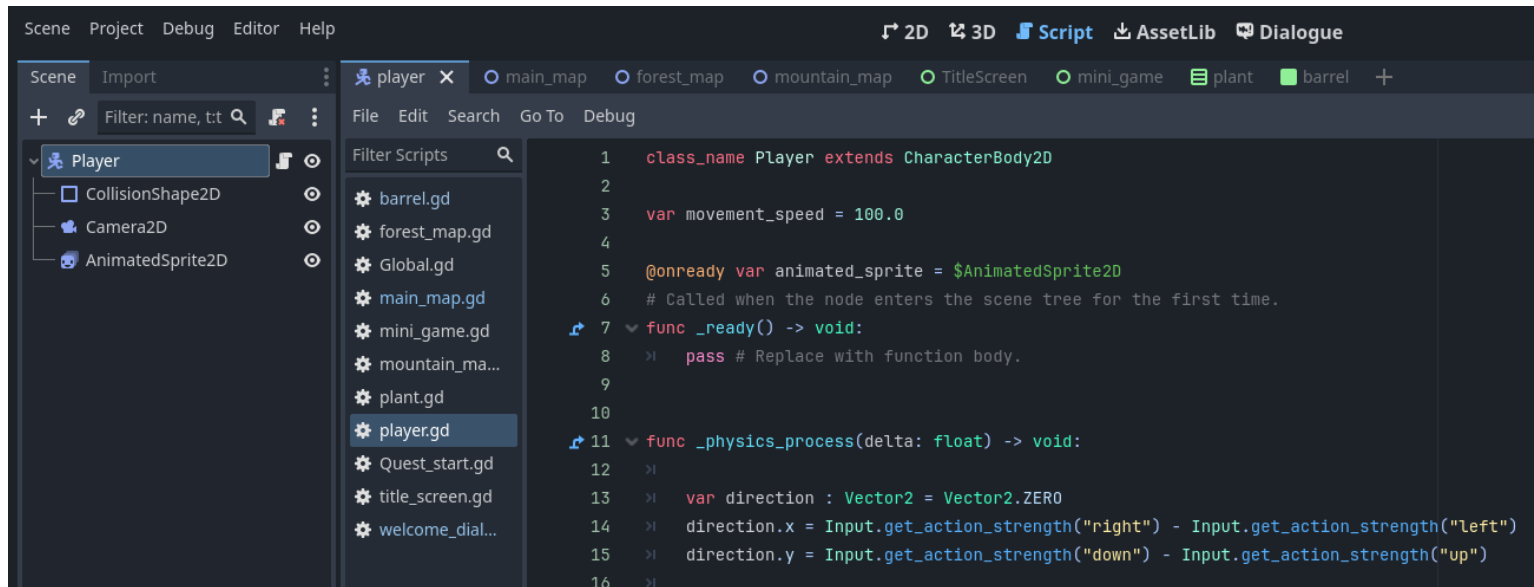
A screenshot of the Godot Engine's GDScript code editor. The interface shows a dark-themed editor with a menu bar at the top (Scene, Project, Debug, Editor, Help) and a toolbar with icons for 2D, 3D, Script, and AssetLib. The main editor area displays GDScript code for a player movement script. On the left, there is a sidebar with a "Filter scripts" search bar showing "Player.gd(*)", a "Filter methods" search bar, and a list of methods including "_process", "calculate_move_direction", "start", and "_on_Player_body_entered". The code in the main editor is as follows:

```
1 extends Area2D
2
3 signal hit
4
5 export var speed = 400 # How fast the player will move (pixels/s)
6 var screen_size # Size of the game window.
7
8
9 func _process(delta):
10     var direction = calculate_move_direction()
11     var velocity = direction * speed
12
13     if velocity.length() > 0:
14         $AnimatedSprite.play()
15     else:
16         $AnimatedSprite.stop()
17
18     position += velocity * delta
19     position.x = clamp(position.x, 0, screen_size.x)
20     position.y = clamp(position.y, 0, screen_size.y)
```

The status bar at the bottom right indicates the current position in the script: "(28, 1)".

GDscript

Technical Description Cont.



Accomplished Work

Collisions

Map Transitions

Basic Minigame

NPC

Beginning Questline

Title screen

Status



Team Member Hours

Team Member	Art	Game Design	Music	Total hours
Melissa	10.5	16	0	26.5
Ghazal	10.5	11	0	21.5
Kayla	10.5	8.5	1	20

Lessons Learned



Problems with GitHub



Better communication

What's Left?



Snow mountain game



Mountain game and dialogues connection



Minor details



Background music



Demo Time !!!