Jump and Launch

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Building Project From Scratch

- Cloning GitHub project to computer (Using cmd):
  - cd into the desired folder
  - git clone https://github.com/Eometheous/Web-Platforming-Game.git
- Building Website
  - Download VS Code and open the project inside the previously selected folder
  - cd into dev/JALWebsite
  - Install dependencies like Flask and Python if you don't have it on your machine
  - cd into /server and run the server by typing
    - python app.py
  - cd into /client and run
    - Install node.js
    - npm install (install npm on machine)
    - npm run build (to check and make sure there's no error with the svelte code)
    - npm run dev (to see the website)
      - Once this is run it will give you a local host link, paste and enter that link into the internet browser

Building Project From Scratch p2

- Building Unity Game
  - (Option 1) Building in Unity
    - Have Unity installed
    - Open Unity and open the game by navigating and selecting the dev/Unity folder
    - Inside of Unity
      - Open assets/scenes/Basic Level
      - Press the play button up the top of the window
      - Current scene: you should see a basic platformer level with two characters
      - Move player1 using WASD and player2 using arrow keys
  - (Option 2) Just playing on Itch.io
    - This option is for if you just want to play the game quickly (works on most browsers)
    - Go to this link:
      - https://byuntaeyeon02.itch.io/jal
      - Password is 123123

Finished Features

- Unity Game
  - Added basic power-ups
  - One level with a set of platforms
  - Movement and collision
  - Character customization
  - Main menu
  - Tutorial
- Website
  - Navbar
  - Unity game on front-end

Fixed Issues

- Unity Game
  - Embedded into iframe issues
- Website
  - Not being able to fetch data from the backend
  - Navbar not being able to route to other pages
  - Not being able to use Daisy UI
  - Unity not loading on website's home page
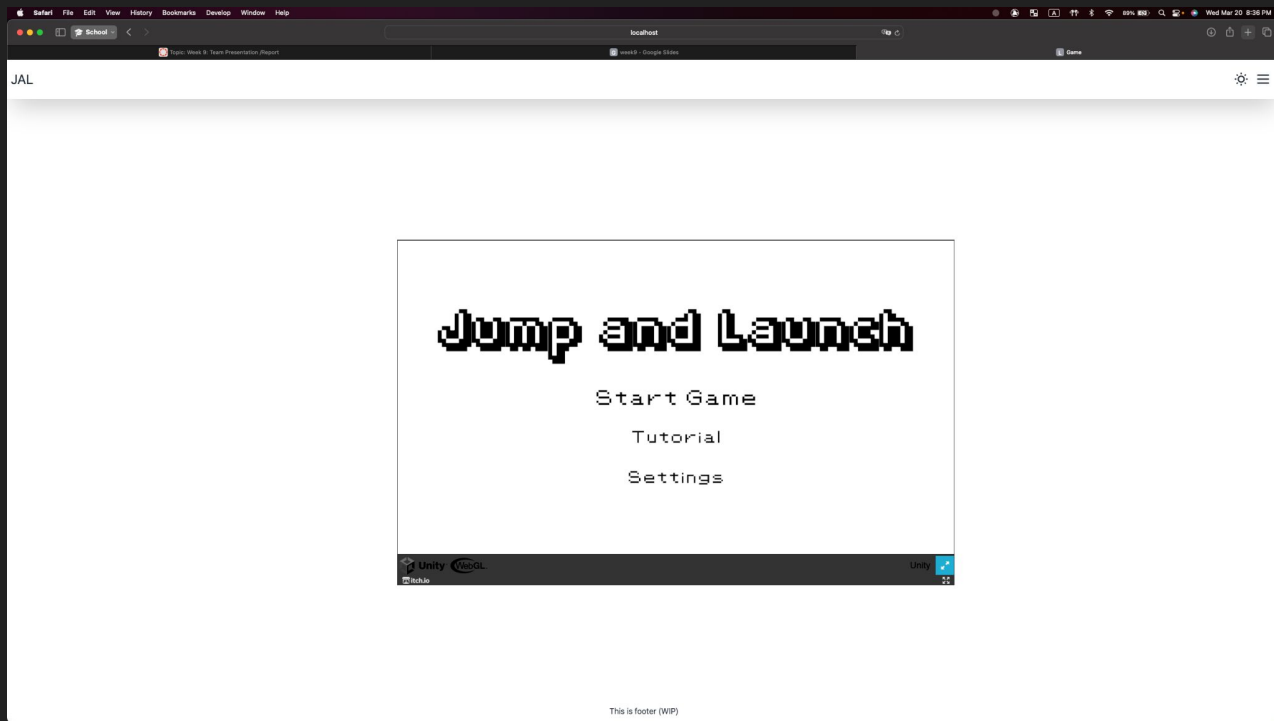
Partner Teams

XMarksTheSpot (Last last week) & GeoUnity (Last - Current week):

Installation of Project: "I was able to build the website and everything ran smoothly, i only had to install flask_cors for the backend stuff i also managed to build the game in unity and everything seemed fine."   - XMarksTheSpot

Feedback From Other Teams

- XMarksTheSpot (Last week)
  - Maybe consider sprites being different colors
  - Maybe consider making different parts of the game (visually) more distinguishable
    - e.g. red platforms, yellow for the health + bonus icons, sprites have different colors
    - Would make it more accessible/detailed

Landing Page

DEMO: https://localhost:8080