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Project: Arcade Maschine

Introduction

This project is all about building a fun Arcade Machine and hosting it as a Static Web App. The main idea was to create something interactive and learn how to use modern hosting solutions like Azure Static Web Apps. The result? A web app that's easy to access and fun to use!

Project Goals:

- Build an arcade-style game that runs on the web.
- Host it using Azure Static Web Apps.
- Learn more about web development and cloud hosting.

Technical Setup

Here's how everything fits together:

1. **Frontend**:

    o Built using **HTML**, **CSS**, and **JavaScript**.

    o This includes the game visuals, user interface, and the main logic for how the game works.
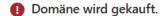
2. **Hosting**:

    o The project is hosted on **Azure Static Web Apps**.

    o Automatic deployment happens through **GitHub** whenever we push changes.

3. **How It Works**:

    o We wrote the code and push it to GitHub.

    o Azure automatically takes care of building and hosting the app for me.

We also tried to host the Arcade Maschine on a customized domain, but we always got this error:

Architecture Diagram:

Building the Arcade Maschine

Here's a quick breakdown of how we put everything together:

Step 1: Building the Game

- We used **HTML** and **CSS** to create the layout and visuals.

- **JavaScript** handles the game logic and user interactions.

- Images, sound effects, and animations were added to make the game more fun.
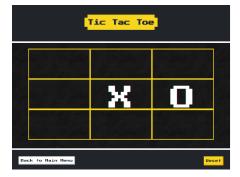
Step 2: Hosting on Azure

- I set up an **Azure Static Web App** and connected it to my GitHub repository.

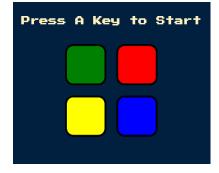- Now, every time I update the code and push it to GitHub, Azure automatically updates the hosted version.

Step 3: Testing and Having fun

- We tested the game on different browsers (like Chrome, Firefox, and Edge) to make sure everything works well.

- As it is a Arcade Maschine, you should also have fun while testing it.

Here are some screenshots of the Arcade Maschine:

The Arcade Maschine is hosted on:

https://thankful-island-02bf0db03.4.azurestaticapps.net/

https://github.com/l3ntii/ArcadeMaschine