Gabriel dos Santos — Retro OS Portfolio: Full Project Overview

This document outlines the full creative and functional specifications for transforming Gabriel dos Santos's website (gabriel2santos.com) into an interactive, retro Windows 98–style personal portfolio. The project merges nostalgic design with modern storytelling to present Gabriel's experience as a STEM and Robotics Educator.

nn **Boot Screen (Final Version)**

The experience begins with a black BIOS-style boot screen inspired by Retro98. This sets the nostalgic tone while introducing Gabriel's portfolio like a computer starting up.

Features:
- Black background with white/green pixel text.
- Text includes: "File: STEM Curriculum Portal," "Built with: Framer," "Specialist: EdTech & Robotics Educator."
- Top-right logo (replace Retro98 mark with Gabriel's branding).
- Instructions: "Press F to pay respects" and "Press Enter to load the website."
- After pressing Enter, fade into Windows login screen with startup sound effect.

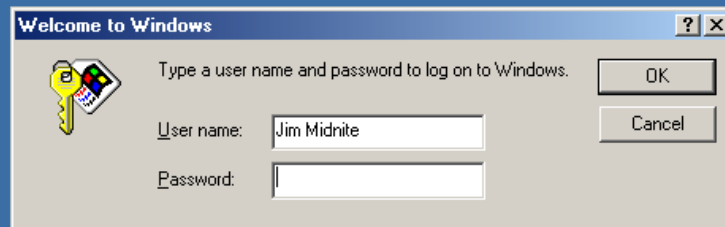https://drive.google.com/file/d/1uqY4CZfSbeeAJQMQRh3M9E1tggJ3QMGa/view?usp=drive_link

BIOS Screen Desktop · Primary

Welcome to Gabriel dos Santos Portfolio Website
For a better experience use the desktop version

N404

| File | :STEM Curriculum Portal |
| Built with | :Framer |

Specialist	EdTech & Robotics Educator
Years of Experience	:5+
Focus Areas	STEM Curriculum Design, Robotics, AI Literacy
Languages	:English, Spanish

Press F to pay respects
Press Enter to load the website

https://retro98.framer.website/

n **Login Screen (Windows 98 Style)**

A faithful recreation of the classic Windows 98 login dialog. This is the transition screen between boot and the main landing page.

Behavior:
- Blue background, centered gray dialog box.
- Username prefilled as "Gabriel." Password optional.
- Pressing Enter or clicking "OK" transitions to landing page.
- Optional login chime for immersion.
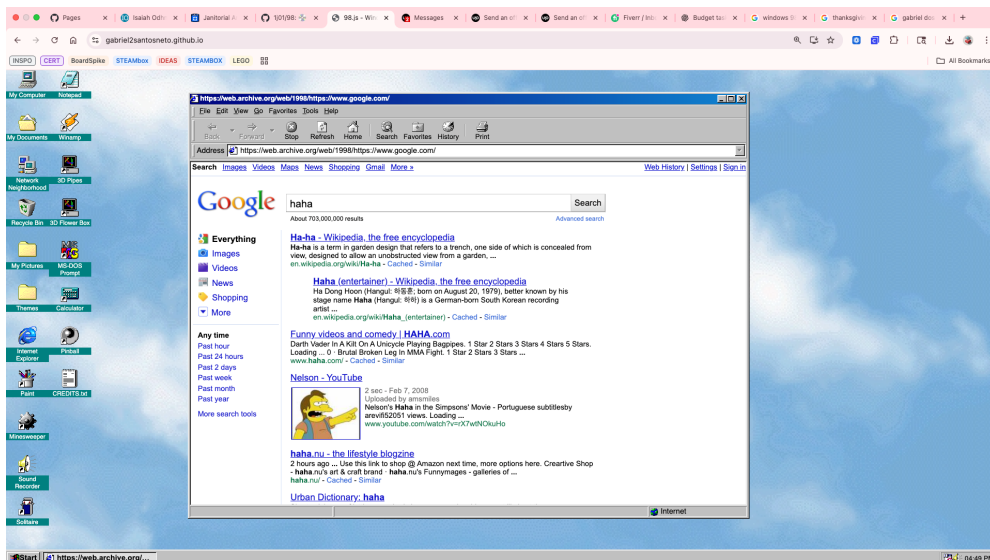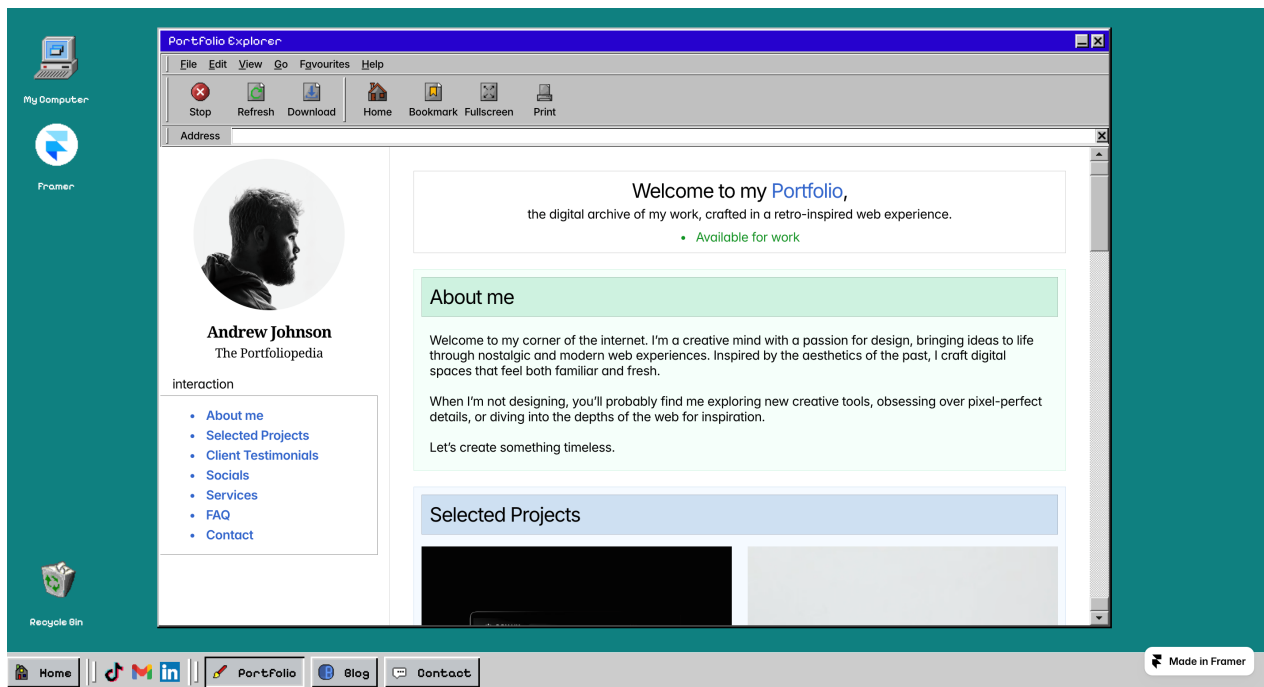- "Cancel" button shows fake alert like "Access Denied."

n **Landing Page (Retro Google Search Style)**

After login, users land on an Internet Explorer–style window showing a faux Google search results page. Each "search result" presents key information about Gabriel's mission, background, and work in STEM education.

Example Search Results:
1. Gabriel dos Santos – STEM & Robotics Educator
2. STEM Curriculum Design – Portfolio Highlights
3. AI Literacy for Kids – New Frontier in Education
4. Gabriel's Online Portfolio – gabriel2santos.com
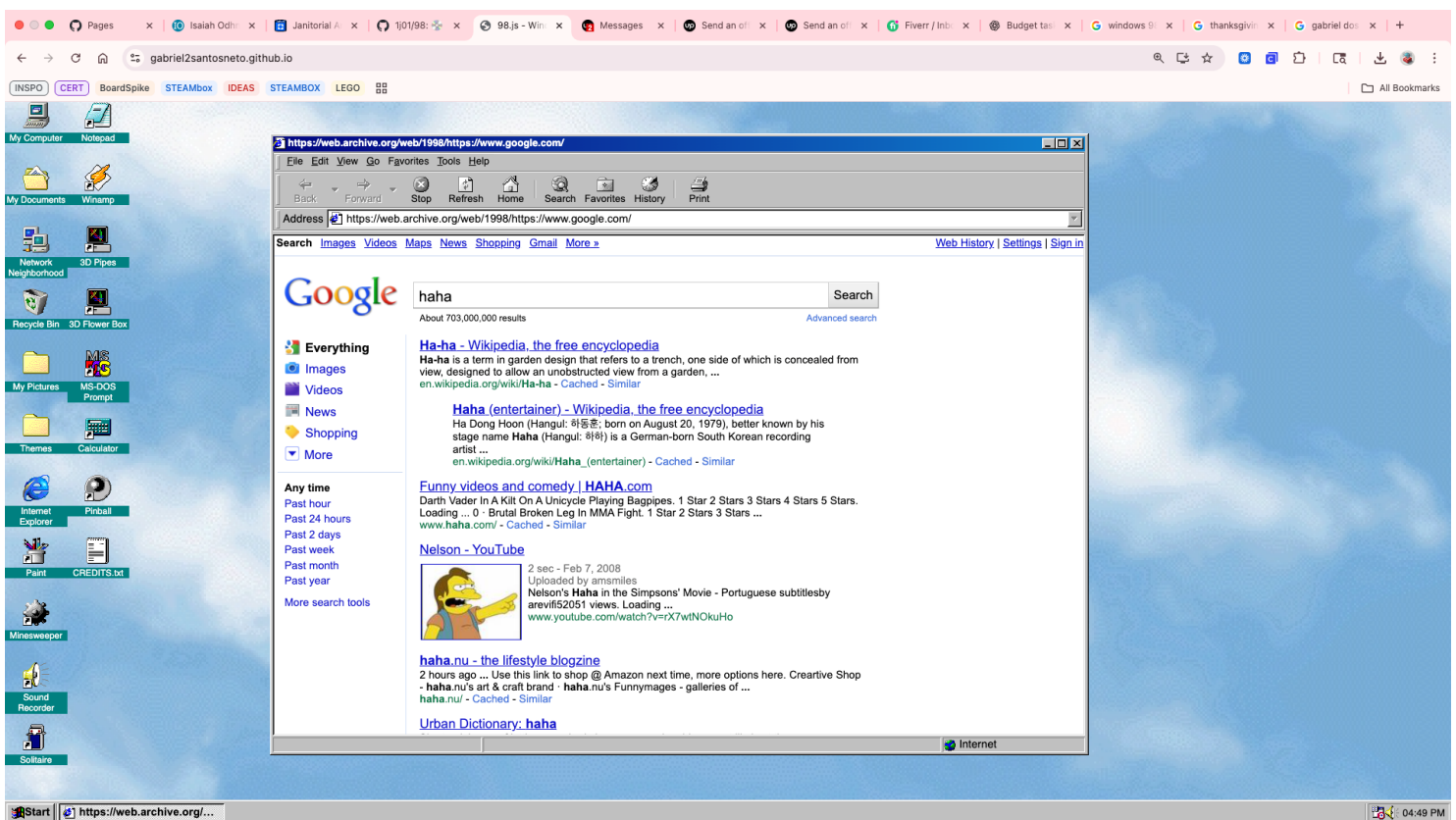5. Languages & Skills – English / Spanish / Robotics / Coding

n **Internet Explorer Navigation Bar (Final with FAQ)**

The toolbar remains styled like Internet Explorer 5/6 and acts as the main navigation system. Each button opens a different section of the site within the same window.

Navigation Buttons:
n Vision – Mission statement about empowering children through robotics and coding.
n Services – Describes consulting, curriculum design, and training offerings.
n Experience – Timeline of teaching, leadership, and certifications (LEGO, VEX, Sphero, Ozobot).
n Case Studies – Displays project highlights such as LEGO SPIKE Submerged Camp, AI Literacy Program.
n FAQ – Retro "Help" window with common questions and short answers.
n Contact – Contact info and message form via Formspree or mailto link.

nn **My Computer — Central Access Hub**

"My Computer" acts as the main directory window, linking to every major section of the portfolio. It serves as the root navigation point for all content on the virtual desktop.

Inside the Folder:
n C:\ Main Drive — Returns to desktop/home system.
n D:\ Documents — Opens My Documents window (curriculum, resume, lessons).
nn E:\ Media Drive — Opens My Pictures gallery.
n F:\ Internet Explorer — Loads Google-style landing page.
nn G:\ Games — Opens folder with Minesweeper, Solitaire, Junkbot.
n H:\ Audio Player (Winamp) — Launches Winamp music window.
nn I:\ Utilities — Includes Calculator, Paint, and Notepad.

n **My Documents — Professional Hub**

"My Documents" contains Gabriel's professional materials and text-based resources. It should look like an old-school file explorer but function as an organized repository.

Contents:
n Individual Projects — LEGO, VEX, and AI lesson showcases.
n Curriculum Examples.txt — STEM lesson objectives preview.
n Contact Info.txt — Email, website, and LinkedIn.
n Resume.pdf — Opens or downloads Gabriel's resume.
n Case Studies — Detailed writeups of educational programs.
n Lessons Folder — Downloadable STEM lesson plans.

nn **My Pictures — Gallery & Video Hub**

"My Pictures" is the multimedia section, housing visual content like robotics projects, camps, classroom shots, and events. It acts as a gallery window with image folders and embedded videos.

Subfolders:
n Robotics Projects — LEGO SPIKE, VEX, Sphero builds.
n STEM Camps — Activity highlights and team photos.
n Classroom Activities — Students coding and building.
n 3D Printing & Design — 3D models and final prints.
n Events & Exhibitions — Fairs, showcases, and teacher workshops.
n Media Highlights.txt — Captions and special mentions.
Hosting: For performance, galleries can link to Google Drive albums or embedded YouTube/Drive videos.

� **Junkbot Game Shortcut**

A playful addition to the desktop: a shortcut that launches the LEGO-themed Junkbot game. This adds an element of fun and nostalgia while reflecting Gabriel's robotics theme.

Game Link: https://1j01.github.io/janitorial-android/#junkbot
Behavior:
- Clicking the Junkbot icon opens the game in a new tab or pop-up window titled "Junkbot.exe."
- Optional iframe embed for full immersion.
- Icon: Junkbot or LEGO-style gear, labeled "Junkbot."
- Tooltip: "Play Junkbot — A LEGO Classic."
- Optional Windows 98 start sound when launched.

n **Final Implementation Notes**

- Maintain consistent retro Windows 98 aesthetic: icons, shadows, fonts, color palette.
- Ensure all windows are draggable, resizable, and responsive.
- Prefer HTML/CSS/JS simplicity; no backend required.
- If heavy media causes issues, link externally (Google Drive, YouTube).
- Add subtle sound effects for startup, clicks, and opening folders.
- Provide clear README documentation for updating text, files, and links.