8-BIT EMPORIUM

Project by Team A – Cohort 23052022

Diego Ortiz

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Eric Sweeten

Edward Kennedy

ABOUT US

We are Team A of Revature's Cohort 23052022. This project aims to provide a conceptual platform for prospective retro gamers to purchase and engage with video games from the past!

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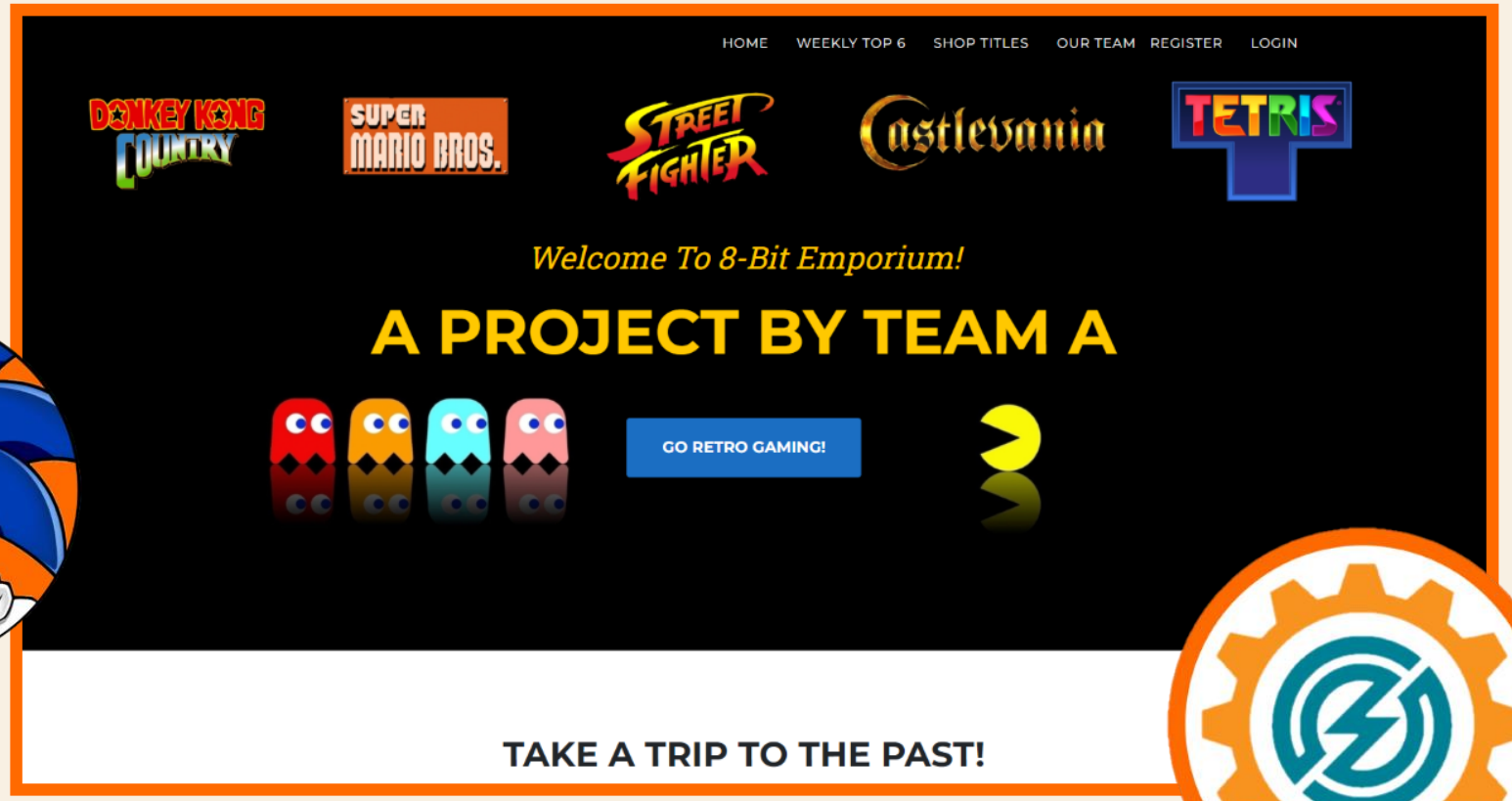

HOME
WEEKLY TOP 6
SHOP TITLES
OUR TEAM
REGISTER
LOGIN
DONKEY KONG COUNTRY
SUPER MARIO BROS.
STREET FIGHTER
Castlevania
TETRIS
Welcome To 8-Bit Emporium!
A PROJECT BY TEAM A
GO RETRO GAMING!
TAKE A TRIP TO THE PAST!

GOING RETRO

START

Retro gaming is about reliving the nostalgia of our childhood memories and rediscovering the magic of what made video games great!

EXPLORE

With 8-Bit Emporium's platform, you can explore a select variety of our featured retro game titles!

RANKINGS

Ranking system will become more dynamic as more users interact

WEEKLY TOP TITLES

The top 6 games will become part of our featured titles based on weekly polls and user inputs and interactions!

EXPANSIONS!

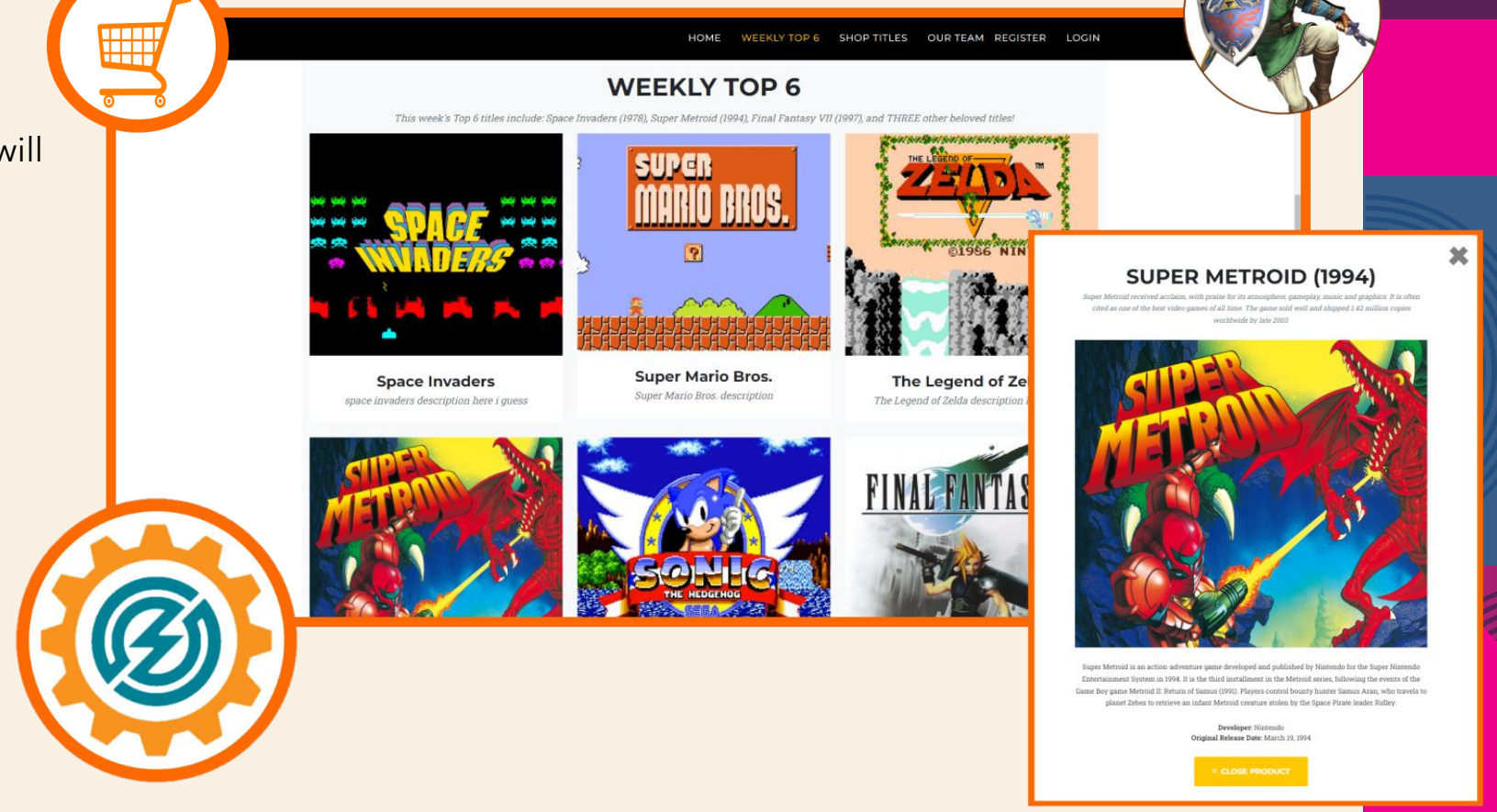
Be immersed alongside a growing community of retro-gamers!

DYNAMIC RANKING SYSTEM

USER VOTED RANKINGS

A dynamic user-centered ranking system will be part of 8-Bit Emporiums shopping experience where users can vote on retro titles and show up in the weekly top 6.

These top titles will offer exclusive collectibles and extra goodies that comes with the purchase!



WEEKLY TOP 6

EXPLORING RETRO

Our weekly top 6 will be titles with the most user traffic based on interactions, favorites, purchased, or weekly polls.

COST SAVINGS

The top 6 titles will have reduced prices based on competitive US market data.

TARGET AUDIENCE

All Ages!

EASY TO USE

No need to cross-check prices from other sources. 8-Bit Emporium is a hub that will do the work for you!

LISTED TITLES +

CROSS-GENERATION

8-Bit Emporium titles are not limited to one generation of consoles or genre of games. As soon as they are available, they will be up for purchase!

GENERATION SPECIFIC

Retro games are not immune to console exclusivity. 8-Bit Emporium allows users to tell whether a title is exclusive or not without any hassles.

VERSION AVAILABILITY

Different remakes and remasters blurs the line of what makes a title “retro” or not. For fans of game franchises, 8-Bit Emporium offers any version regardless whether it is a remake or remaster…

AUTHENTIC

Titles are authentic, but of course if titles become available to play on emulators, 8-Bit Emporium allows offer the freedom to do so by

SUPPLEMENTARY TOOLS USED

Paint.NET

Visuals and cosmetics asset creation

SVGator

svgator

Scalable Vector Graphics for interactivity and screen-space readability

Font Awesome

FONT AWESOME

Pre-made fonts and other webpage necessities to save time

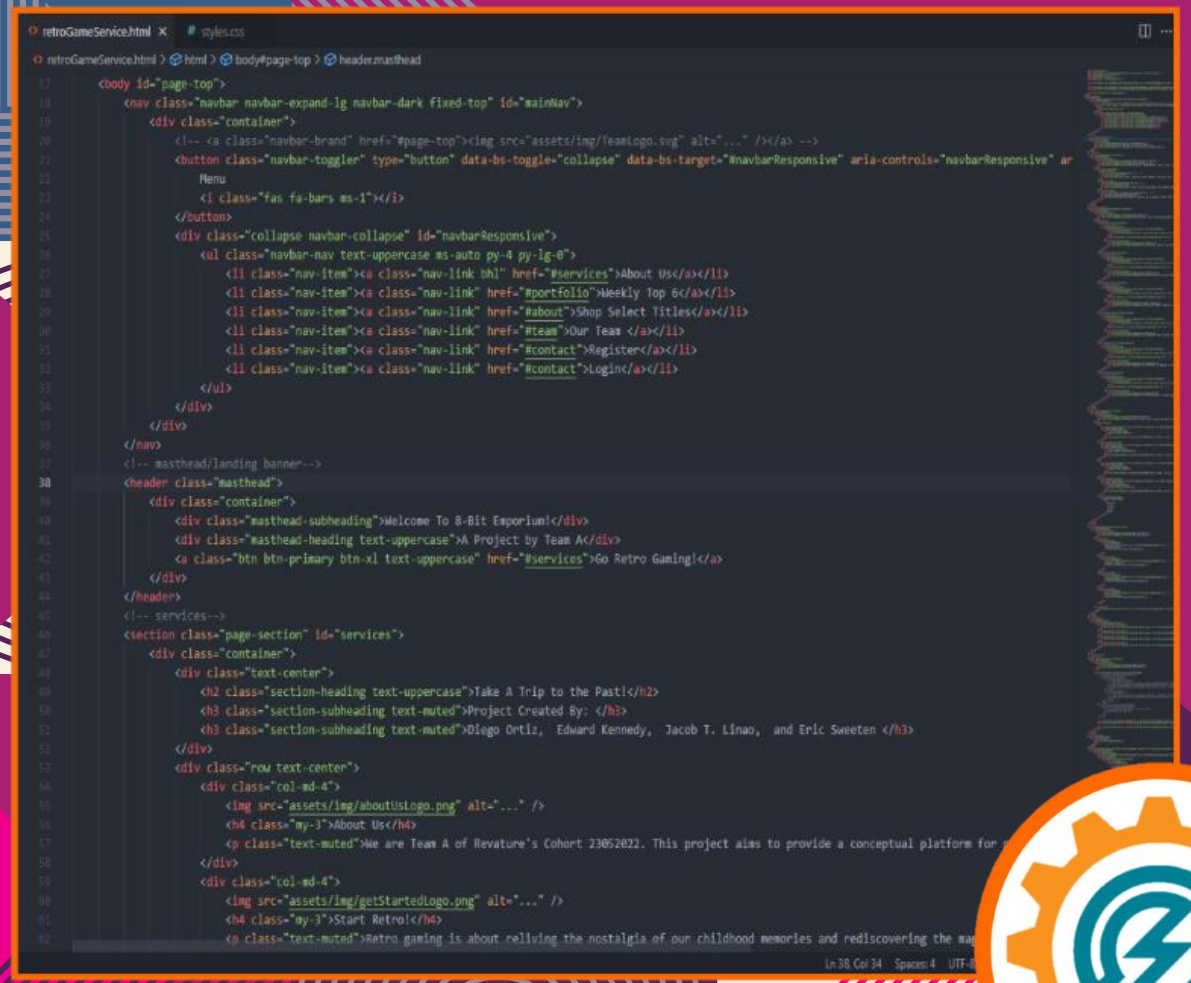
WEB ASSET DIFFERENCES

Comparison to show importance of scalable vector graphics (SVGs)

WITHOUT SVG

WITH SVG

WEB TECHNOLOGIES



WEB TECHNOLOGIES

HTML

8-Bit Emporium's web page structure is built on an HTML backbone

CSS

CSS is used to add a modern aesthetic to make the web page appealing!

BOOTSTRAP

For a responsive web page design with mobile-first front end web page philosophy

LANGUAGES & TOOLS

C#

API and MVC application building

VISUAL STUDIOS

Primary tool where the bulk of our applications are made.

Front-end to the API controllers.

SQL

Database design

Database structuring

STUDIO CODE

Initial stages of developing the front-end was done through Studio Code.

Wide variety of extensions available.

EXPANDED SHOPPING EXPERIENCE

SHOPPING FEATURE

Better shopping functionality will be implemented as variety of titles are added to the shop

Security functionality to be expanded to cover a wider geographic locations to more merchants!

SUMMARY

Avid gamer Eric Sweeten brought up the 8-Bit Emporium project with the idea of providing a place to foster a platform to engage in retro gaming.

Alongside Diego, Edward, and Jacob, the 8-Bit Emporium team worked hard to create a brand new platform where anyone can reconnect and shop for retro videogame titles with competitive prices!

THANK YOU

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