

Project Documentation

Project overview

- **Title:**

Final Project: Choose Your Pill.

Date: 12.12.2024.

- **Introduction:**

The "Choose Your Pill" project is an interactive web application created as the final project for the first semester of my Frontend Development studies. It is designed to inspire users to challenge themselves, step out of their comfort zone, and embrace new experiences. The project is targeted at users who enjoy decision-making scenarios presented in a visually engaging and interactive way.

Project Requirements

- **Features List:**

- Interactive navbar with Active link highlights.
- Video playback with start and skip options.
- A choice section inspired by "The Matrix," leading to different user experiences.
- Streaming music player using Ibiza Global Radio.
- An education programs list with sorting, filtering, and favoriting functionalities.
- LocalStorage for persisting user choices (e.g., favorite programs).

- **Technology Stack:**

- HTML
- CSS
- JavaScript

Design and Planning

- **Mockups:**

The project design and layout were planned using Figma.

The prototype includes interactive navigation, content sections. The Figma file (`Final_Project.fig`) is included.

Design and Planning

- **Challenges:**

Managing a large codebase felt overwhelming at times, especially when working on dynamic filtering and sorting of education programs. This required refining my use of JavaScript functions like `forEach` and conditional statements.

Solutions:

- Used code folding in the editor to focus on specific sections and avoid feeling overwhelmed.
- Organized the code into manageable sections
- Tested filtering and sorting logic iteratively to ensure accuracy.

Testing

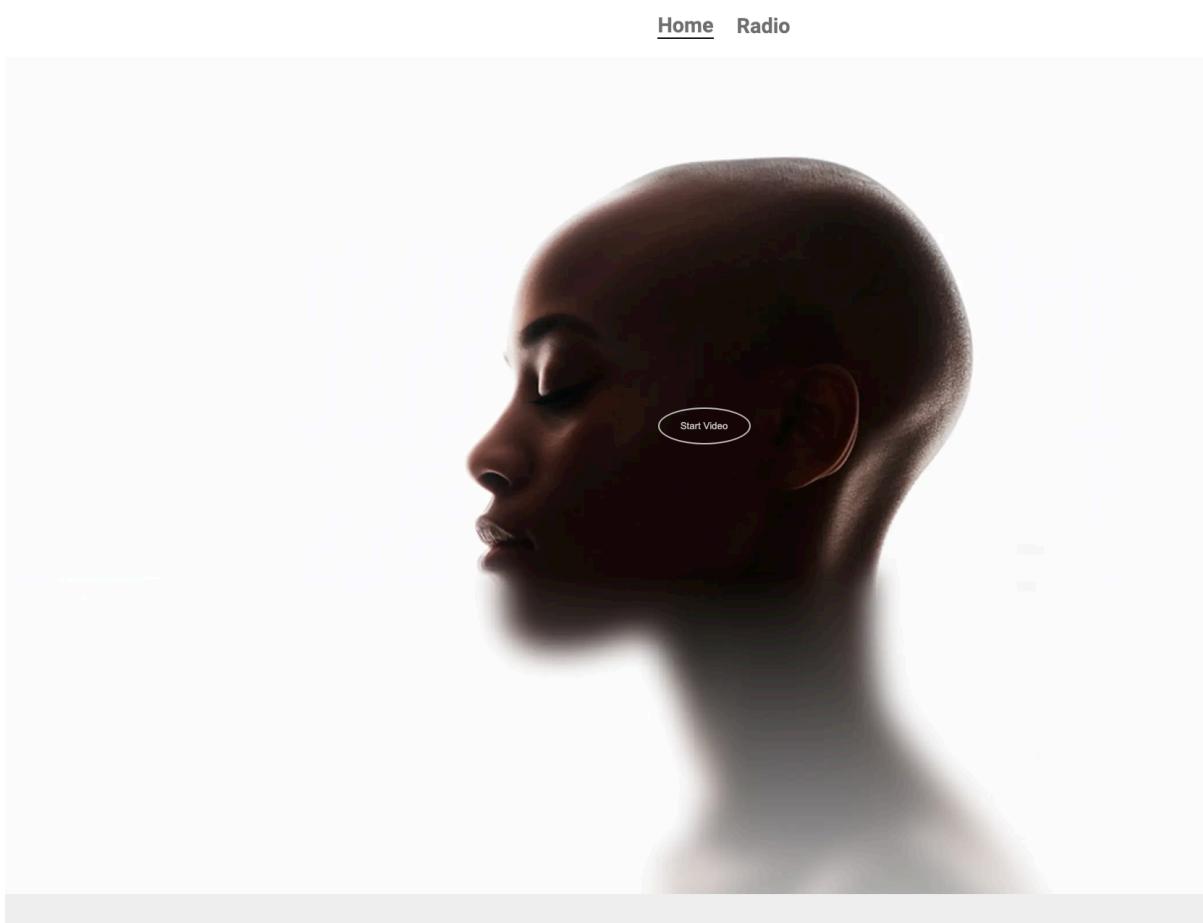
- **My Testing Process:**

- Verified responsive design on iPhone 13 Pro Max after deploying to Netlify.
- Used the browser console to debug JavaScript.
- Fixed an issue where the 'Radio' button in the navbar sometimes didn't show up by properly managing LocalStorage.

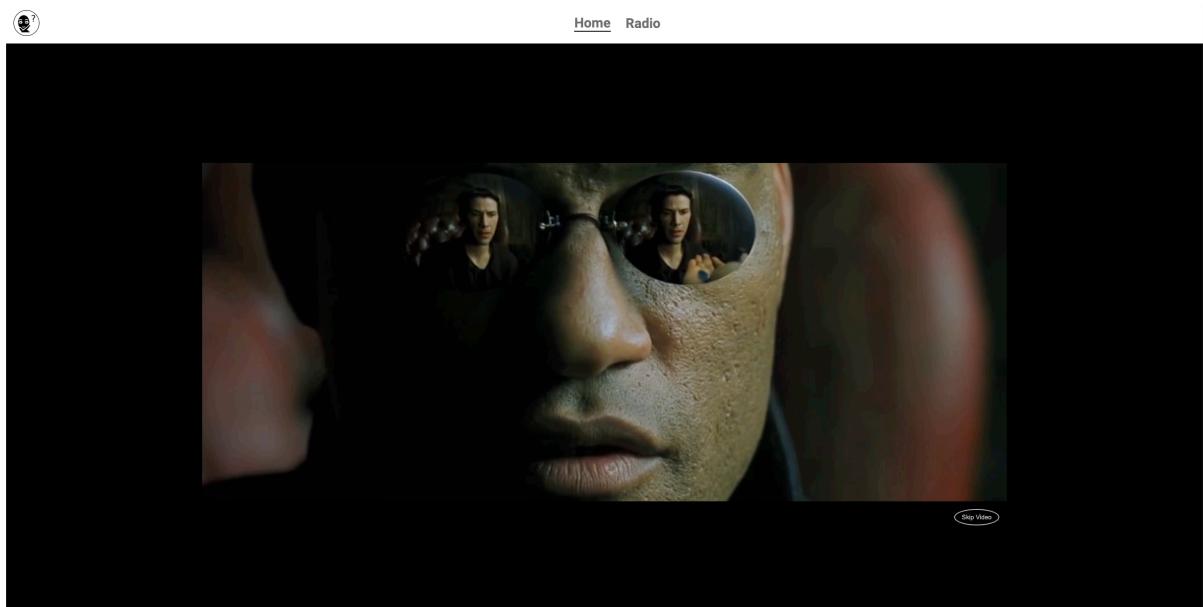
Final Product

- **Screenshots:**

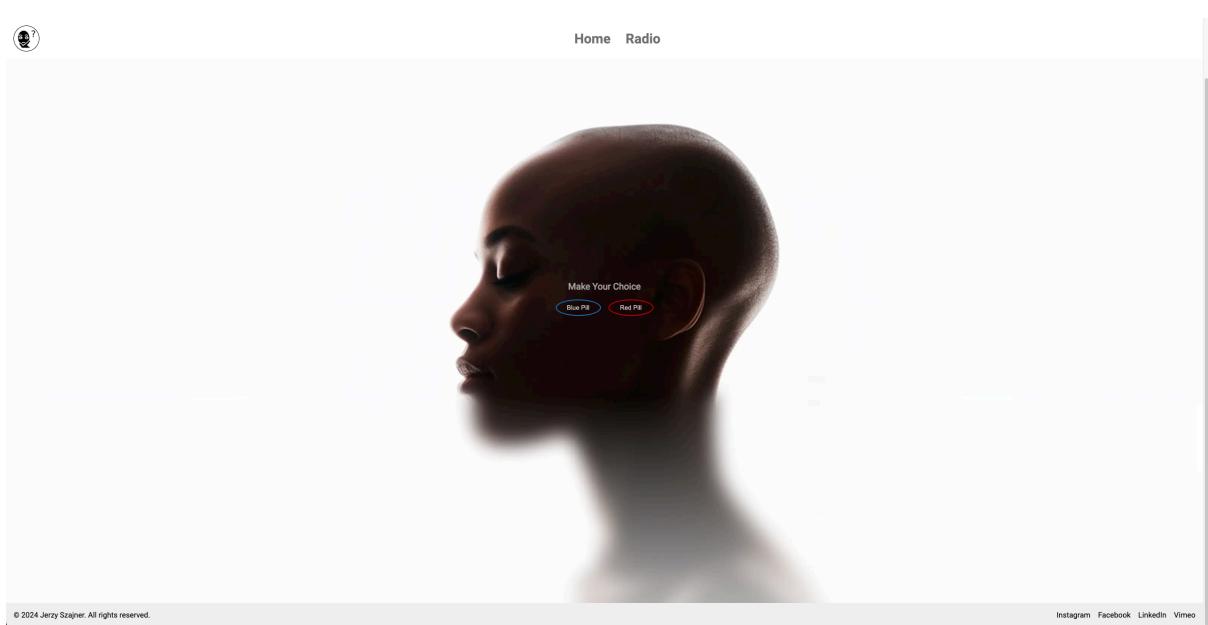
- **Home page**



- **Video page:**



- **Choice page:**



- **Audio page (Blue Pill):**



Home Radio



You are in your comfort zone. Here, you can stay as long as you like, listening to music and enjoying peace. But remember – when you're ready to face the real life, you can always [Return](#) to the previous menu and choose the red pill.

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[Instagram](#) [Facebook](#) [LinkedIn](#) [Vimeo](#)

• Education page (Red Pill):



Home Radio

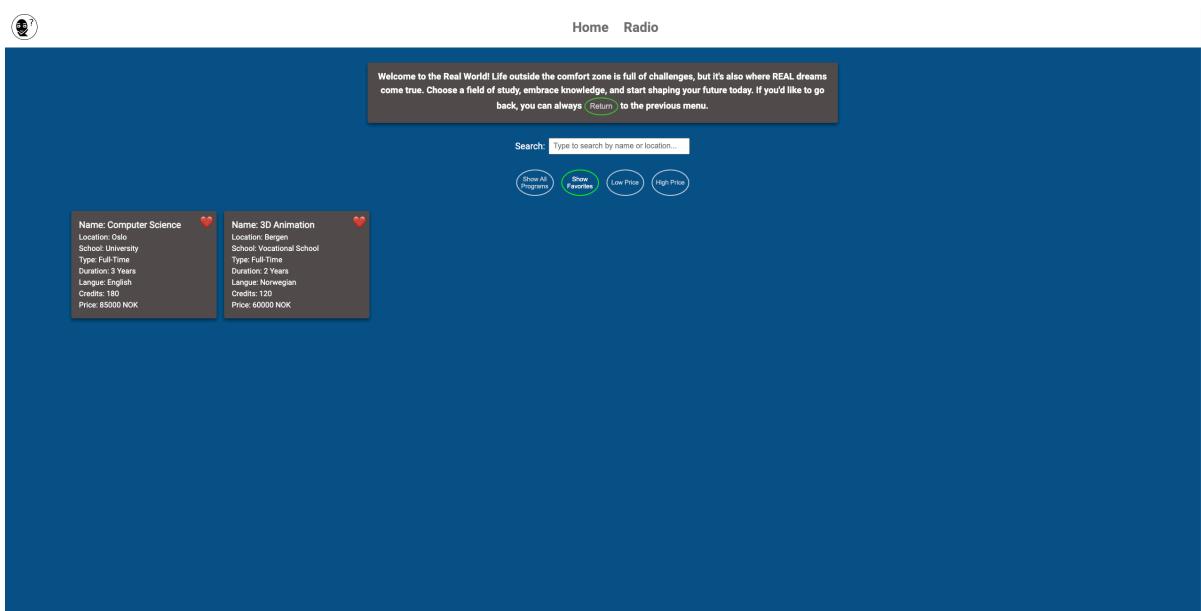
Welcome to the Real World! Life outside the comfort zone is full of challenges, but it's also where REAL dreams come true. Choose a field of study, embrace knowledge, and start shaping your future today. If you'd like to go back, you can always [Return](#) to the previous menu.

Search:

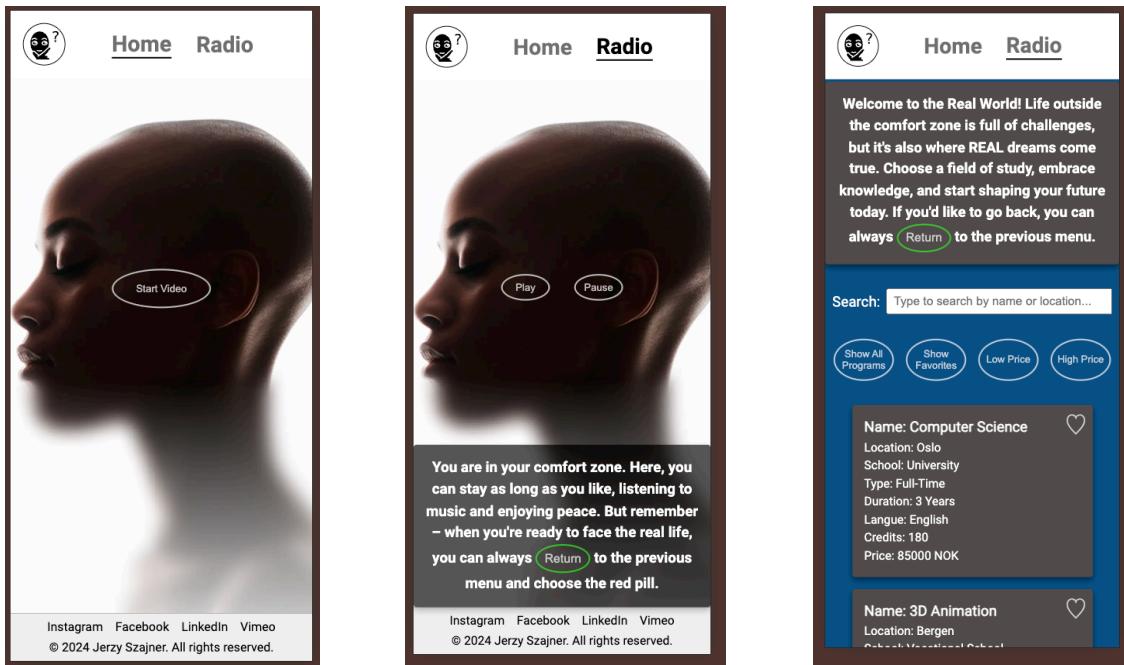
Show All Programs Hide Favorites Low Price High Price

Name: Computer Science Location: Oslo School: University Type: Full-Time Duration: 3 Years Language: English Credits: 180 Price: 85000 NOK	Name: 3D Animation Location: Stavanger School: Vocational School Type: Full-Time Duration: 2 Years Language: Norwegian Credits: 120 Price: 60000 NOK	Name: Business Administration Location: Stavanger School: University Type: Part-Time Duration: 4 Years Language: English Credits: 180 Price: 65000 NOK	Name: Graphic Design Location: Trondheim School: Vocational School Type: Full-Time Duration: 2 Years Language: Norwegian Credits: 120 Price: 65000 NOK	Name: Data Science Location: Oslo School: University Type: Full-Time Duration: 2 Years Language: English Credits: 120 Price: 120000 NOK	Name: Cybersecurity Location: Kristiansand School: University Type: Full-Time Duration: 3 Years Language: English Credits: 180 Price: 95000 NOK	Name: Marketing and Sales Location: Bergen School: Vocational School Type: Full-Time Duration: 1 Year Language: Norwegian Credits: 60 Price: 40000 NOK
Name: Web Development Location: Oslo School: Vocational School Type: Full-Time Duration: 2 Years Language: English Credits: 120 Price: 70000 NOK	Name: Artificial Intelligence Location: Bergen School: University Type: Part-Time Duration: 3 Years Language: English Credits: 180 Price: 140000 NOK	Name: Architecture Location: Trondheim School: University Type: Part-Time Duration: 5 Years Language: Norwegian Credits: 300 Price: 150000 NOK	Name: Photography Location: Stavanger School: Vocational School Type: Full-Time Duration: 1 Year Language: Norwegian Credits: 60 Price: 35000 NOK	Name: International Relations Location: Oslo School: University Type: Full-Time Duration: 3 Years Language: English Credits: 180 Price: 95000 NOK	Name: Mechanical Engineering Location: Bergen School: University Type: Full-Time Duration: 3 Years Language: Norwegian Credits: 180 Price: 110000 NOK	Name: Digital Marketing Location: Kristiansand School: Vocational School Type: Part-Time Duration: 2 Years Language: English Credits: 60 Price: 45000 NOK
Name: Tourism Management Location: Stavanger School: University Type: Full-Time Duration: 3 Years Language: Norwegian Credits: 180 Price: 75000 NOK	Name: Healthcare Management Location: Oslo School: University Type: Part-Time Duration: 2 Years Language: Norwegian Credits: 120 Price: 65000 NOK	Name: Animation and Visual Effects Location: Bergen School: University Type: Full-Time Duration: 3 Years Language: English Credits: 180 Price: 105000 NOK	Name: Environmental Science Location: Trondheim School: University Type: Full-Time Duration: 3 Years Language: English Credits: 120 Price: 100000 NOK	Name: Fashion Design Location: Stavanger School: Vocational School Type: Full-Time Duration: 3 Years Language: Norwegian Credits: 120 Price: 70000 NOK	Name: Game Development Location: Oslo School: Vocational School Type: Full-Time Duration: 3 Years Language: English Credits: 180 Price: 80000 NOK	

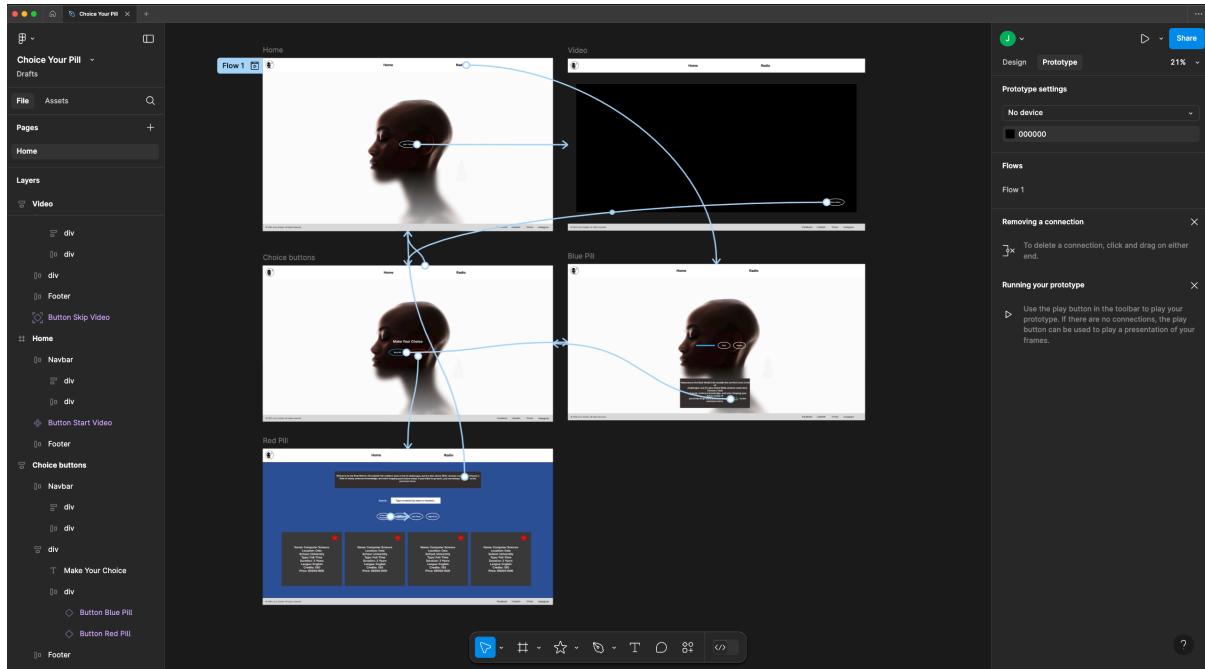
• Education page favorites:



- **Home audio and education pages mobile:**



- **Figma Mockup Screenshot:**



- **How to Use:**

1. First Launch:

- Only the Home button is visible in the navbar. The Radio button appears after watching the video and entering the Blue Pill section.

2. Start Video:

- Click **Start Video** to go to the video section.
- Watch the video for instructions or use **Skip Video** to jump to the end.

3. Choose a Pill:

- **Blue Pill:** Access the audio section with live streaming of Ibiza Global Radio. Use **Home** to return or **Return** to go back to the pill selection.
- **Red Pill:** Enter the education section with program cards.
 - Search, filter, or favorite programs.

- Use **Return** to go back to pill selection or **Home** to return to the homepage.
- ENJOY! 😎

Reflections

- **What I Learned**
- This project helped me improve my understanding of filtering and sorting data in JavaScript. I also gained experience with responsive design techniques and using LocalStorage to persist user data.
- **Future Improvements:**
 - Add animations for smoother transitions between sections.
 - Expand the education programs database for more variety.