Digital Egypt Pioneers

Final DEPI Project
Frontend Development
Ministry of Communication and Information Technology

YAT129_GIZ1_SWD3_G1e_DEPI

https://depi-final-project.github.io/e-commerce/

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What is Eco-Trend feature?

Eco-Trend is an e-commerce website featuring a wide range of products in the store section. You can add items to your cart, and in the cart section, you can increase or decrease the quantity of a product or remove it entirely. Once you've made your selections, you'll see the total amount. Next, go to the payment section to complete your purchase, but make sure you have an account. If you don't, click on "Join Now" to create one, or log in if you already have an account. Don't forget to enter your email to subscribe. In the navbar, you can find the "Home" button; click on it to access the "Shop Now" button that leads to the store, and you can browse offers in the carousel. We wish you a great user-friendly experience!

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How we created EcoTrend ?

a deep understanding
of consumer behavior

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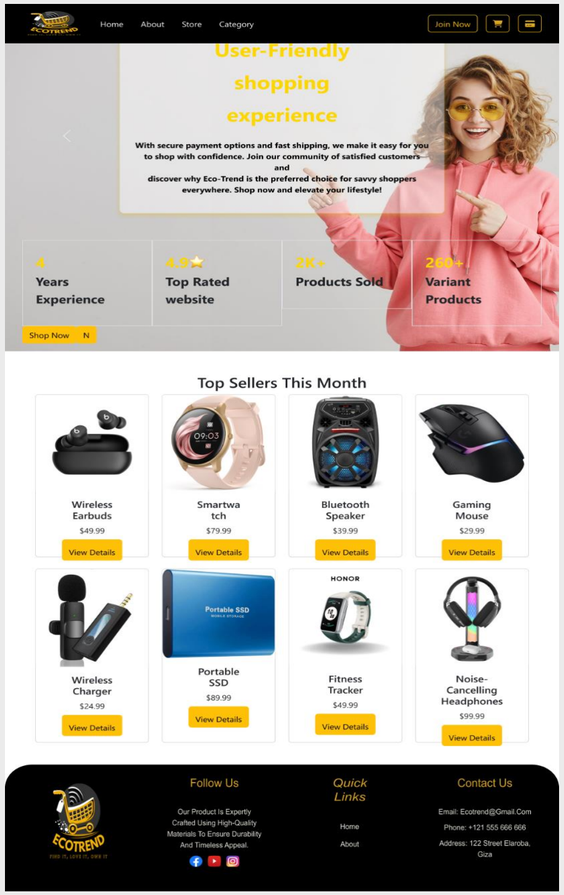
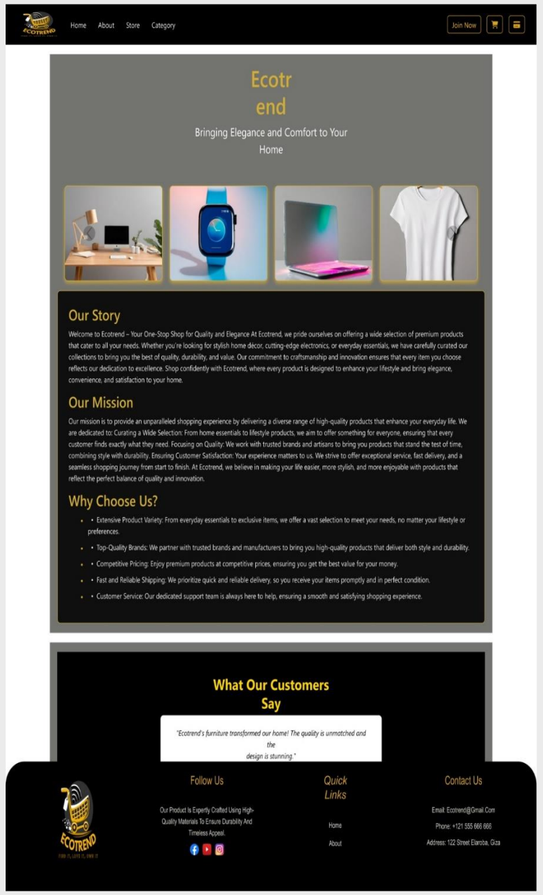
let's see

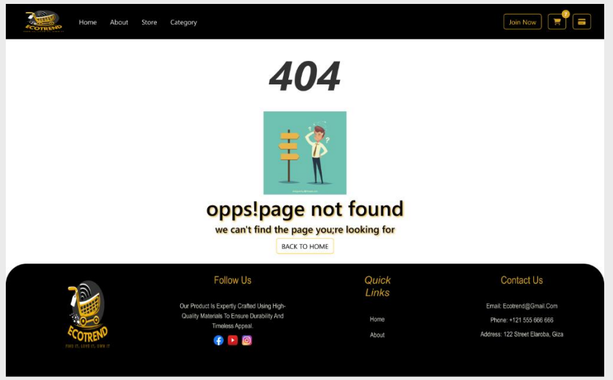
our

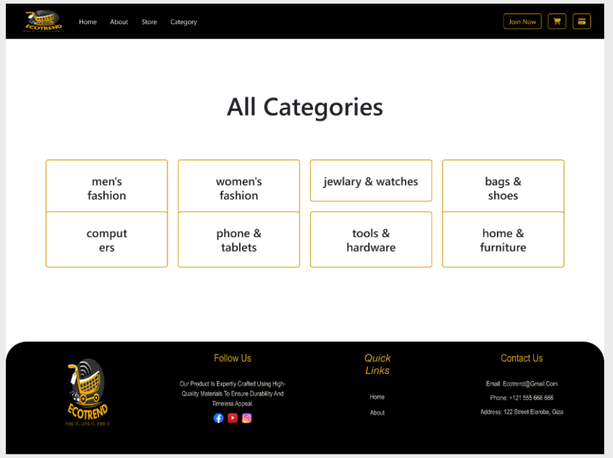
Designs

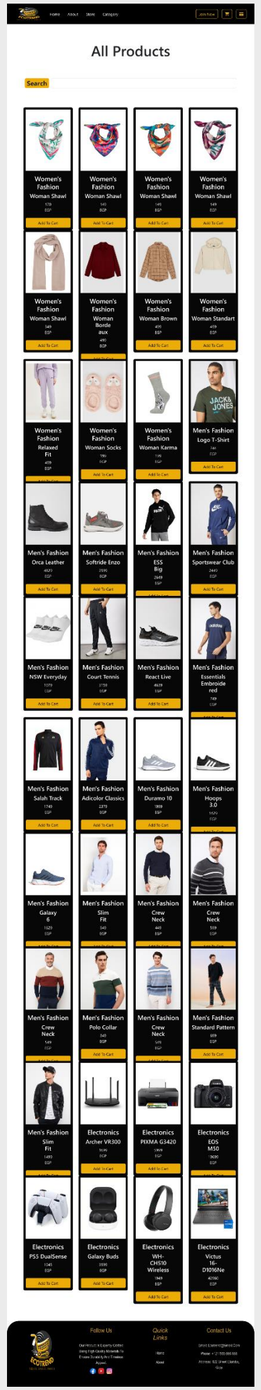
first

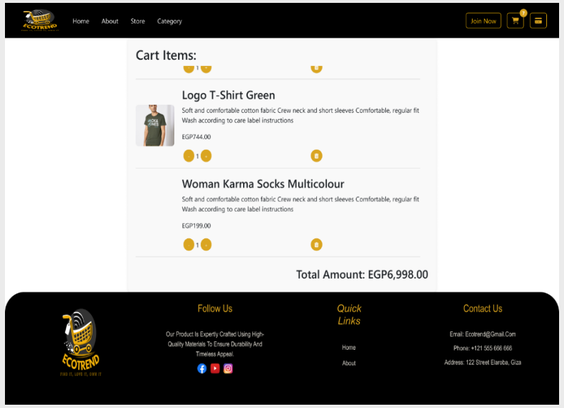


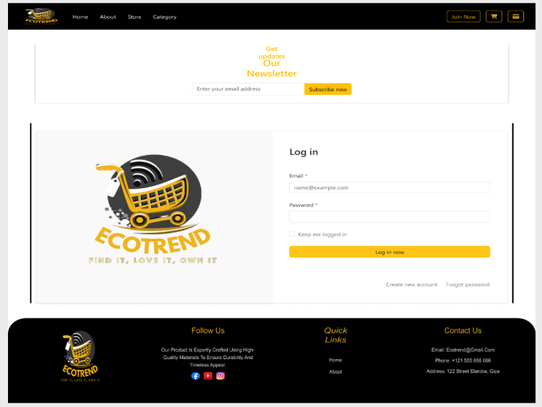


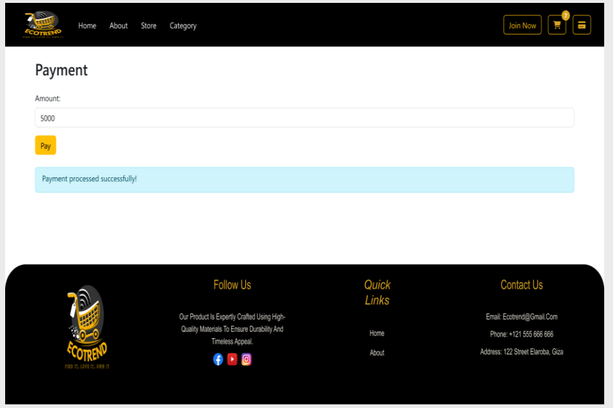












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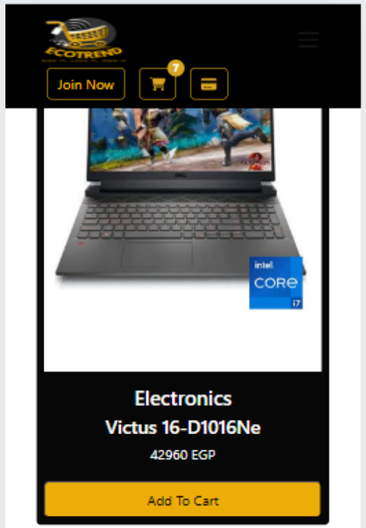
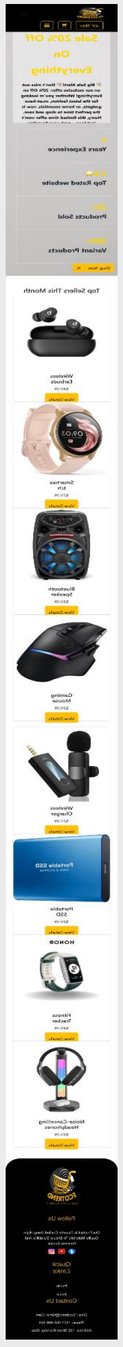
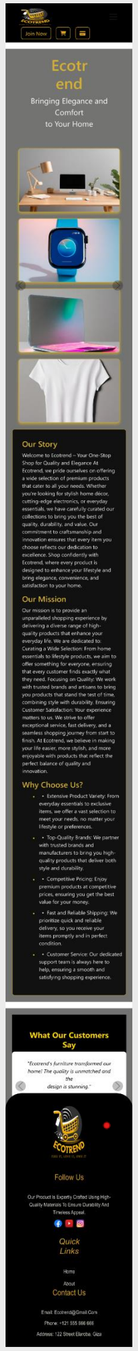
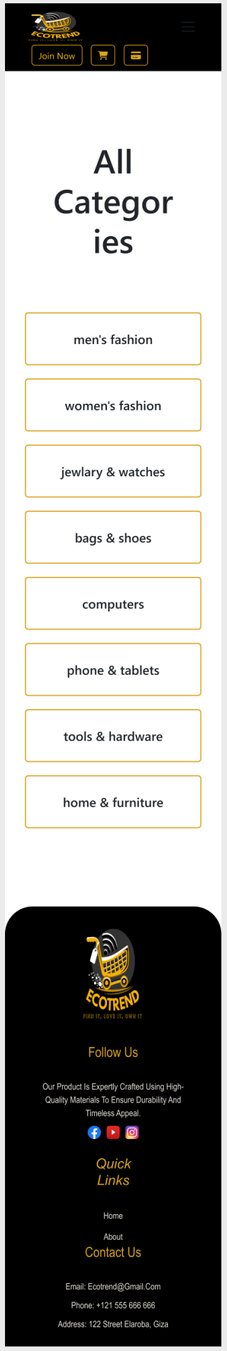
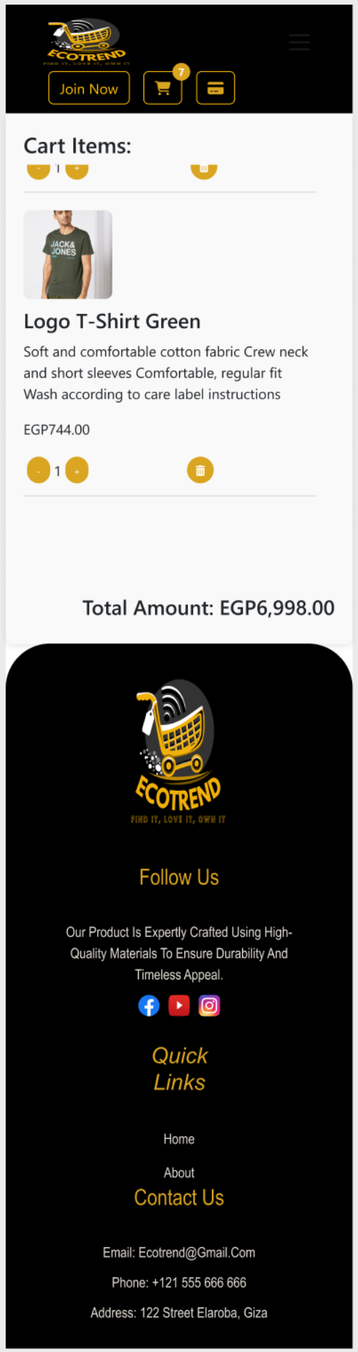
Responsive Devices

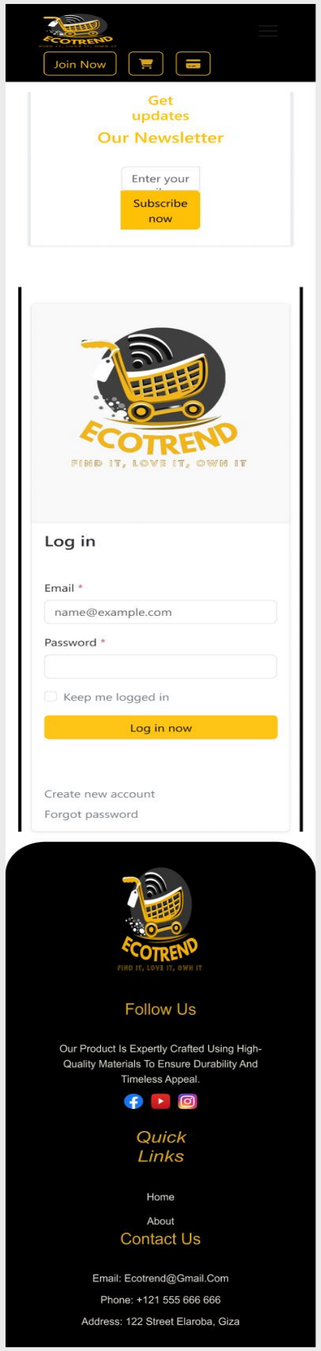


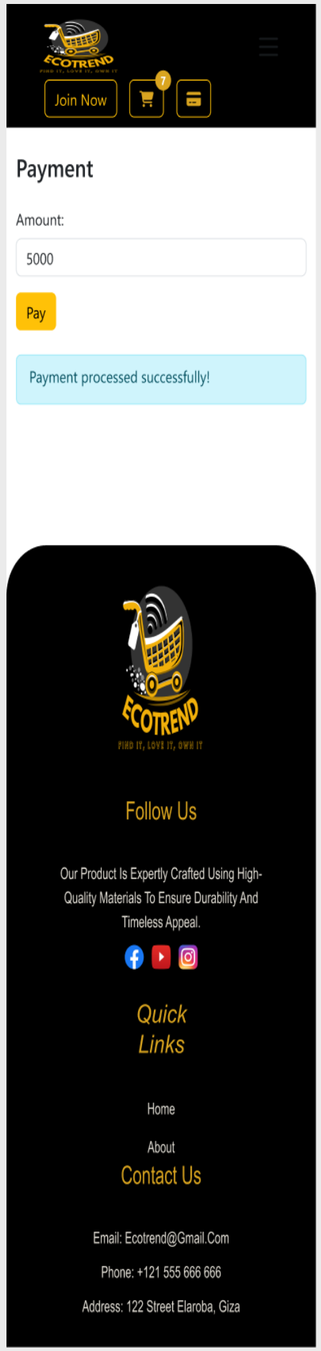


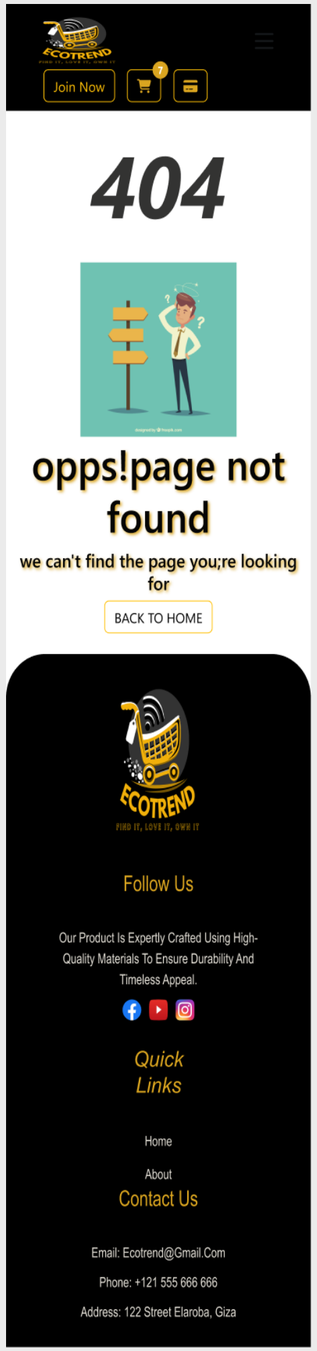












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Technology Stack

Angular (framework)

Bootstrap (responsive design)

HTML/CSS/JavaScript (frontend)

API (product data retrieval)

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GitHub (version control)

AI (Chat GPT)

Figma

Canva

Challenges & Solutions

1.**Challenge**: Angular routing issues
Solution: Solved through team brainstorming and testing.

2.Challenge: API integration
Solution: Addressed by team collaboration, testing, and refining API calls.

3.Challenge: Ensuring responsiveness across devices
Solution: Continuous testing on different devices and tweaking the design for better responsiveness.

4.Challenge: Coordinating remote collaboration
Solution: Utilized GitHub for version control and collaboration, enabling smooth teamwork.

5.Challenge: Debugging complex issues
Solution: Debugging was tackled with group efforts, including brainstorming and testing to find and fix bugs.

6.Challenge: Exploring and learning Git and GitHub to upload and collaborate on the project
Solution: Learned about Git and GitHub using tutorials from ChatGPT and YouTube.

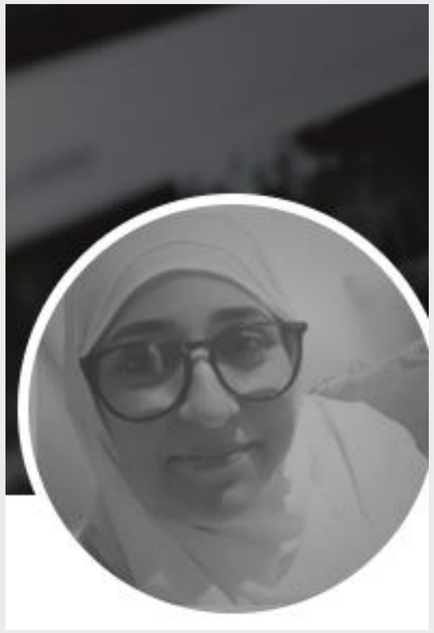
7.Challenge: How to use live hooks in Angular
Solution: Researched live hooks through tutorials and online resources, like ChatGPT and YouTube

Team Members

EcoTrend - Sustainable Online Shopping

Eng.Saeed Osama

Eng.Rehab Ashour



Eng.Sarah Salem

Eng.Nermein Hussein

Dr.Aya Mohamed

Eng.Ahmed Khaled

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Eng.Saeed Osama

Team Roles & Responsibilities:

Team Manager, Login, Subscribe & Payment:

- Led the team as Team Manager.
- Developed the Login and Subscribe components.
- Handled Payment Component for secure transactions.
- Responsible for testing and debugging across the platform.
- Solved Angular routing issues.

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Eng. Nermein Hussein

Team Roles & Responsibilities:

Angular Project Setup & API:

- Started the Angular project using CLI and installed Bootstrap and Font Awesome and Created all project Component .
- Managed API integration for product listings.
- Developed the Product Component to display products with styling.
- Developed the Product Component to display category with styling.

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Dr. Aya Mohamed

Team Roles & Responsibilities:

Home Page Developer

- Developed the Home Page to give users the first impression of Eco-Trend.
- Integrated UI/UX elements using Bootstrap and custom CSS
- Designing presentation.

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Eng.Ahmed Khaled

Team Roles & Responsibilities:

Cart, Hosting & GitHub Admin:

- Developed the Cart Component for managing shopping carts.
- Handled application hosting to ensure EcoTrend is live and accessible.
- Worked on Angular routing for smooth navigation.
- Managed the repository as GitHub Admin.

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Eng. Rehab Ashour

Team Roles & Responsibilities:

Branding & AI Logo:

- Created the Eco-Trend logo using AI tools.
- navbar component
- footer component
- not-found component
- Contributed to establishing the brand identity of Eco-Trend.

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Eng.Sarah Salem

Team Roles & Responsibilities:

About, and Presentation:

- Created About Component
- Created About page
- Explained the mission of Eco-Trend.
- Explained the vision of Eco-Trend .
- Responsible for creating this presentation.

Thank you

Eco-Trend Team

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