Project name: E-commerce Store

Date: December 2024 (L3)

Group Members: Mael Lecarpentier, Florian Leroux, Lucas Nguyen

Project goal:

To develop an e-commerce web application simulating an online store. The project includes a dynamic product catalog, shopping cart management, a contact form, and responsive design. It was built using a modern JavaScript stack: Vue.js 3 for the frontend and Node.js (Express) for the back-end.

Skills and technologies used:

- Vue.js 3 + Vite (front-end)

- Node.js + Express (back-end)

- JavaScript (ES6+)

- CSS3 and responsive web design

- Version control and team collaboration via GitHub

Features developed:

- Browsing product list with detailed view

- Real-time cart updates with quantity and price

- Promo code entry (partial implementation)

- Contact form with submission feedback

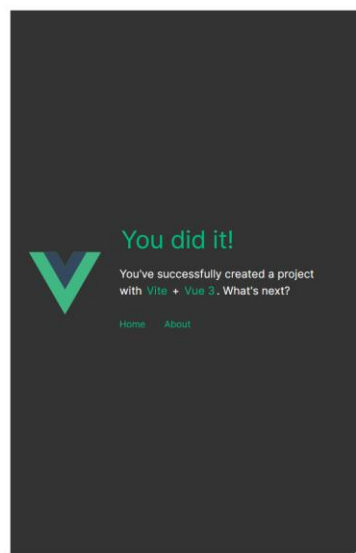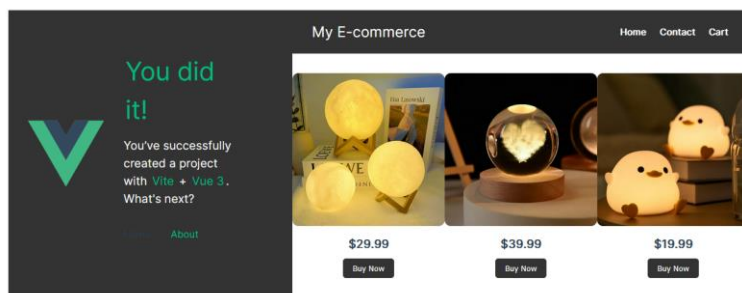- Back-end server serving product data (mock or static)

Possible improvements:

- Full integration of payment gateway for checkout

- Admin dashboard for managing products

- Enhanced product filtering and search system

- User accounts and authentication

My responsibilities (Mael Lecarpentier):

- Developed the back-end with Node.js and Express

- Designed and implemented the product and cart logic

- Connected the front-end to the back-end (API setup)

- Helped structure the Vue components and views

- Participated in the test and debugging

Captures :