E-COMMERCE WEBSITE FOR SELLING
LEATHER PRODUCTS

lavand

LAVANDER LIFE
WEBSITE

-TEAM MEMBERS

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-DESCRIPTION OF THE PROJECT

This project aims to develop a website to sell various leather products such as bags, wallets, and belts. The website provides users with a comfortable and safe online shopping experience with an attractive and easy-to-use user interface.

Main Features:

1. *Distinctive home page:* Displays best-selling and new products, with a banner for special offers.

2. *Product pages:* Provide comprehensive details about each product, including high-quality images, descriptions, and customer ratings.

3. *Shopping cart:* It enables users to add products, modify quantities, and go to checkout easily.

4. *Payment page:* It includes multiple options for safe and easy payment.

5. *User Account:* Allows users to manage their accounts, follow up on previous orders, and save favorite products.

6. *Administration Panel:* It allows the project owner to manage products, orders, and users effectively.

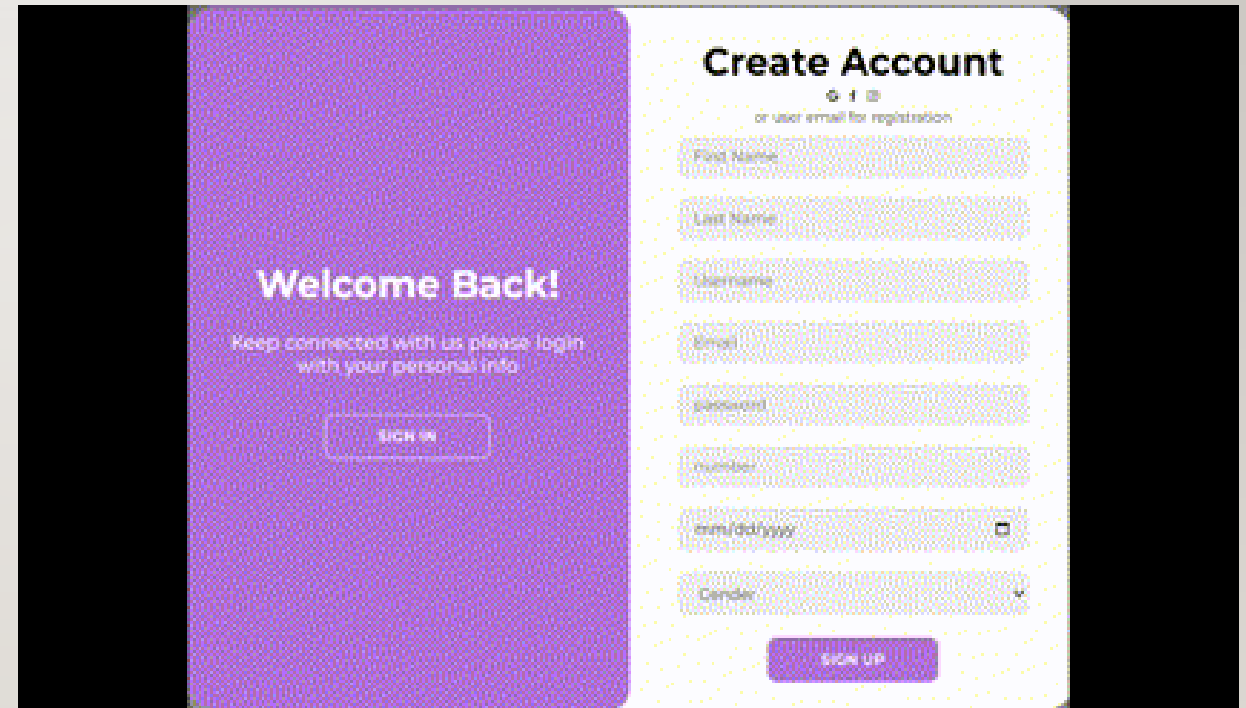# *SECURITY METHODS :*

- *Hashing (bcrypt) for passwords / database / coding*

- *Authentication sessions*

- *Authorization users*

- *SSL (HTTPS)*

FEATURES :

- **email verification with Token Authentication**

- **session cookies**

- **security payment with PayPal**

- **cart 🛒 (add / remove / delete)**

- **notification in personal email for every order**

FEATURES :

- *admin page with full access on website*

- *membership authorisation levels (werehouse / purchases / sales / marketing)*

- *inventory control (available stock / low stock warnings etc..)*

- *sales (most sales / low sales / view all items orders)*

- *users purchases history*

- *CREATIVE UI / UX*

- *best performance loading*

- LEARNING OBJECTIVES

- *- Analyze and address technical challenges related to security, performance,*

- *and scalability.*

- *- We will learn how to fully develop an e-commerce website .*

- *- Learn to use Html , Css , Bootstrap , Js and Angular to design an attractive*

- *and responsive user interface.*

- *- Understand using Python , Flask with MYSql to build backend and manage*

- *database.*

-TECHNOLOGIES USED

- *- FRONTEND: HTML , CSS , BOOTSTRAP , JS , ANGULAR .*

- *- BACKEND: PYTHON , FLASK .*

- *-DATABASE : MY SQL .*

FRONT-END PROGRAM LANGUAGE

BACK-END AND DATA-BASE PROGRAM LANGUAGE

FRAMEWORK USED

-CHALLENGES

- - ENSURING DATA SECURITY AND SECURE PAYMENT PROCESSING.

- - ENSURING GOOD WEBSITE PERFORMANCE AND FAST LOADING.

- - DEALING WITH THE SITE'S ABILITY TO EXPAND TO HANDLE INCREASED REQUESTS AND USERS.

- ANALYZE THE DATABASE GRAPH AND LINK THE TABLE TOGETHER