



Business Management Website

Mini Project - First Year

presented by:-

Group - Y1-2024-25-G61



Project Objective

Build a user-friendly website for small shopkeepers.

Manage daily sales, purchases, and profit calculation easily.

Simplify business tasks to improve efficiency and accuracy.

Tools & Technologies Used



HTML

Frontend for building a responsive website interface



Python Flask

Backend logic handling business operations



C++

File handling for inventory saving



VS Code & Browser

Code editor and platform to test the application



Project Files

app.py	Main Python backend script for server logic
index.html	Website interface template for user interaction
logo.png	Shop logo image displayed on the site
requirements.txt	Lists Flask dependencies for installation
save_inventory.cpp	C++ program for optional inventory file saving
templates/	Folder containing HTML templates
static/	Contains logo and static assets for the website



Key Project Features



Sales & Purchases Management

Add and track business transactions easily



Profit & Transaction Tracking

Calculate profits and view total transactions



Visual Branding

Displays shop logo and name on the website



Sales Sorting

Sort sales data by date for easy analysis



Bonus Feature

C++ file saves inventory information securely

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How to Run the Project

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Step 1

Install Flask via: `pip install -r requirements.txt`

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Step 2

Run the app using: `python app.py`

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Step 3

Open browser at `http://127.0.0.1:5000/` to access



Conclusion & Learnings

This project simulates realistic business management tasks.

Learned web development with Python Flask and HTML basics.

Also gained experience with C++ for inventory file handling.

Overall, it enhances skills in backend and frontend integration.