

Applied Case Study(Analysis & Planning)

Part-3

Requirement Breakdown

1. HTML

Used to build the basic structure of the website pages such as home page, services etc

2. CSS

For styling the website—colors, layout, buttons, spacing—so the website looks clean and user-friendly.

3. JavaScript (JS)

Used for form validation, interactive elements. Makes the site dynamic instead of static.

4. Java

A simple and beginner-friendly backend choice using SpringBoot.

5. Python

If the store wants a more advanced AI bot. Otherwise, it's optional.

6. Database: MySQL

MySQL Best for structured data like order records

7. Cloud Hosting

To deploy the website and backend so customers can access it online without local servers.

Diagram

