

# 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

