

## Prompt and Explanation

### **Prompt:**

i have an assignment to make a feedback system.. what are the system requirements for this.. i have to make frontend and backend.

This includes **functional requirements, non-functional requirements, user types, technology stack, frontend & backend modules, and database design.**

Response from LLM (ChatGPT):

### **1. Introduction**

#### **1.1 Purpose**

The goal of the Feedback System is to collect user feedback, store it securely, and allow admins to view and analyze responses.

#### **1.2 Scope**

The system will have:

- A **frontend** for users to submit feedback.
  - A **backend** to store, manage, and retrieve feedback.
  - An **admin panel** to view and manage submissions.
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### **2. Users of the System**

#### **1. Normal User**

- Submits feedback.

#### **2. Admin**

- Views feedback list.
  - Filters and exports data.
  - Deletes or manages responses.
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### **3. Functional Requirements**

#### **3.1 User Module**

✓ Submit feedback

✓ Form fields include:

- Name (optional/required)
- Email
- Rating (1–5 stars)
- Category (e.g., Website, Product, Service)

- Feedback message
- Date/Time auto-generated

- ✓ Input validation
  - ✓ Successful submission message
  - ✓ Prevent empty submissions
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### 3.2 Admin Module

- ✓ Login System for admin
  - ✓ View all feedback entries
  - ✓ Sort feedback (latest first)
  - ✓ Search/filter by:
    - Category
    - Rating
    - Email
    - Date range
  - ✓ Delete feedback
  - ✓ Export to CSV (optional)
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### 3.3 Backend API Requirements

- ✓ Endpoint:
  - **POST /feedback** → Save feedback
  - **GET /feedback** → Fetch all feedback
- ✓ Server-side validation
- ✓ Error responses for invalid input
- ✓ Store feedback in DB