

Project Contribution Report

1 Project Title

A Vendor Management System

2 Component Name

Vendor Feedback and Review System

3 Description of Component

The Vendor Feedback and Review System enables clients to submit, view, and manage feedback and reviews for vendors. It provides a structured platform for collecting user-generated reviews, displaying them to other clients, and allowing administrators to moderate content to ensure quality and relevance.

4 Available CRUD Operations

The Vendor Feedback and Review System supports the following CRUD operations to manage vendor reviews effectively:

4.1 CRUD Operations

- **Create:** Clients can submit new reviews or feedback for vendors, which are stored in a feedback.txt file for persistence.
- **Read:** The system displays existing reviews for specific vendors, allowing clients to make informed decisions based on feedback.
- **Update:** Clients can edit their previously submitted reviews or ratings to reflect updated opinions or correct errors.
- **Delete:** Both clients and administrators can delete inappropriate or outdated reviews to maintain the integrity of the feedback system.

4.2 UI Components

The system includes the following user interface components:

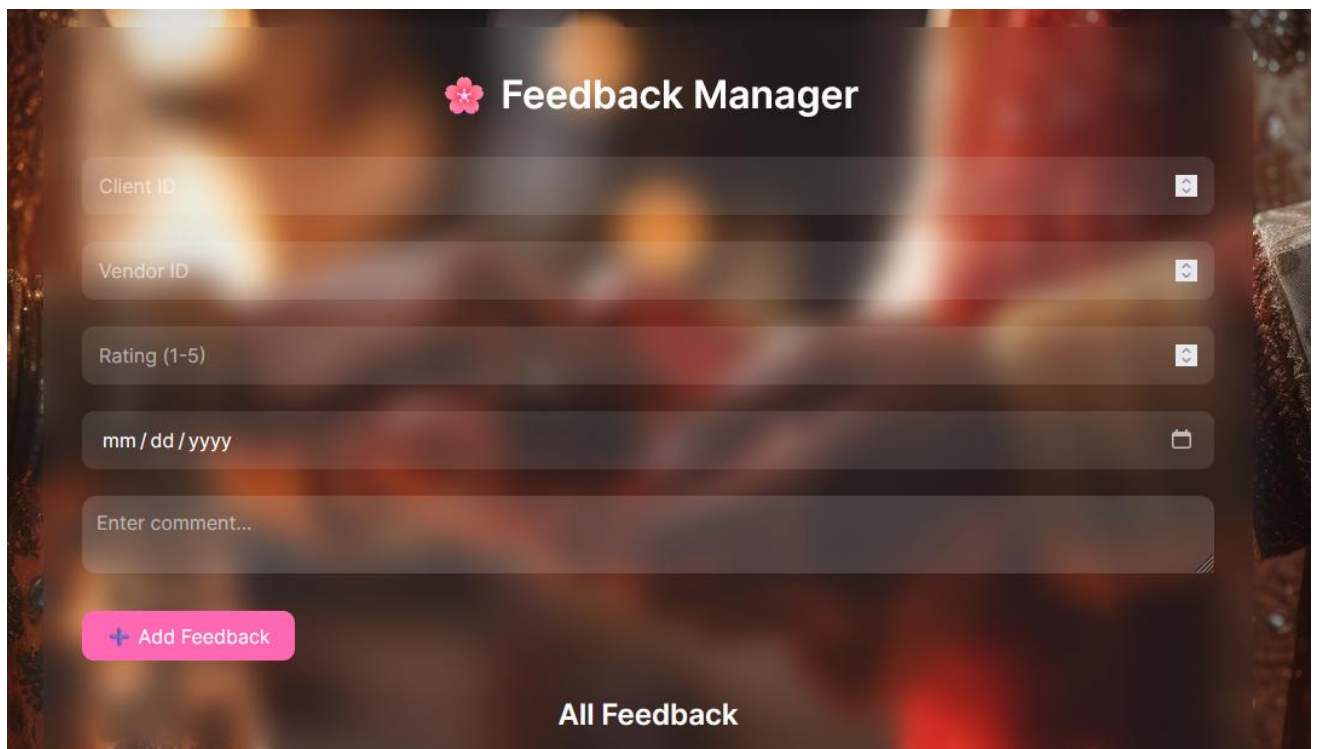
- **Vendor Review Submission Page:** A form-based interface where clients can input and submit their reviews or ratings for vendors.
- **View Vendor Reviews Page:** A display page that lists all reviews for a selected vendor, formatted for easy reading.

4.3 OOP Concepts Applied

The implementation leverages object-oriented programming principles:

- **Encapsulation:** The Feedback class encapsulates review data, ensuring secure access and modification through defined methods.
- **Inheritance:** The Client Feedback and Verified Feedback classes inherit from the base Feedback class, extending functionality for specific use cases.
- **Polymorphism:** Different display methods are implemented for admin-moderated reviews and client-facing reviews, allowing flexible presentation based on user roles.

5 Screenshots of Created User Interfaces



The screenshot displays a web application titled "Feedback Manager" with a pink flower icon. The interface features a form with the following fields: "Client ID", "Vendor ID", "Rating (1-5)", and a date field labeled "mm / dd / yyyy". Below these is a text area for "Enter comment...". A pink button with a plus icon and the text "+ Add Feedback" is positioned at the bottom left of the form. At the bottom center, the text "All Feedback" is visible. The background of the interface is a blurred image of warm, bokeh-style lights.

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