🚀 Project Title: “Online Feedback Collector with Admin Dashboard”

The **Online Feedback Collector System** is a web-based application designed to collect, store, and analyze user feedback in a structured and efficient manner. Traditional feedback collection methods using paper forms or manual entry are time-consuming, prone to errors, and difficult to analyze.
This system provides a digital solution that enables users to submit their feedback easily, while administrators can view and analyze responses in real time.

The project is developed using **Flask (Python)** for backend processing, **SQLite** for database management, **HTML/CSS/Bootstrap** for user interface, and **Chart.js** for graphical analytics.

2. Purpose of the System

The main purpose of this system is to:

- Collect user feedback online in a simple and user-friendly way.
- Maintain all feedback information in a digital database.
- Provide an admin dashboard for viewing, analyzing, and managing feedback.
- Generate visual analytics such as rating charts for quick understanding.
- Replace manual feedback processes with a faster and more accurate system.

3. Problem Definition

Many institutions and organizations still rely on manual surveys, which have several drawbacks:

- Time-consuming data collection
- Difficulty in organizing and analyzing responses
- Higher chances of human error
- Limited insights due to lack of visual representation

This project solves these challenges by offering an automated, accurate, and user-friendly online feedback system.

4. Scope of the Project

This project can be used in:

- Colleges and universities (student feedback)
- Training institutes
- Product or service review systems
- Customer satisfaction surveys
- Event feedback collection

The system includes:
✓ Feedback form
✓ Admin login/dashboard
✓ Analytics (bar chart of ratings)
✓ API endpoint for feedback export
✓ Database storage

5. System Overview

The system contains two main modules:

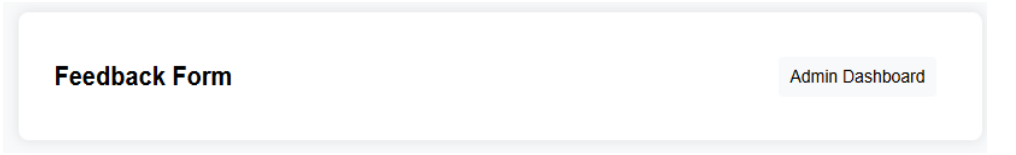
A. User Module

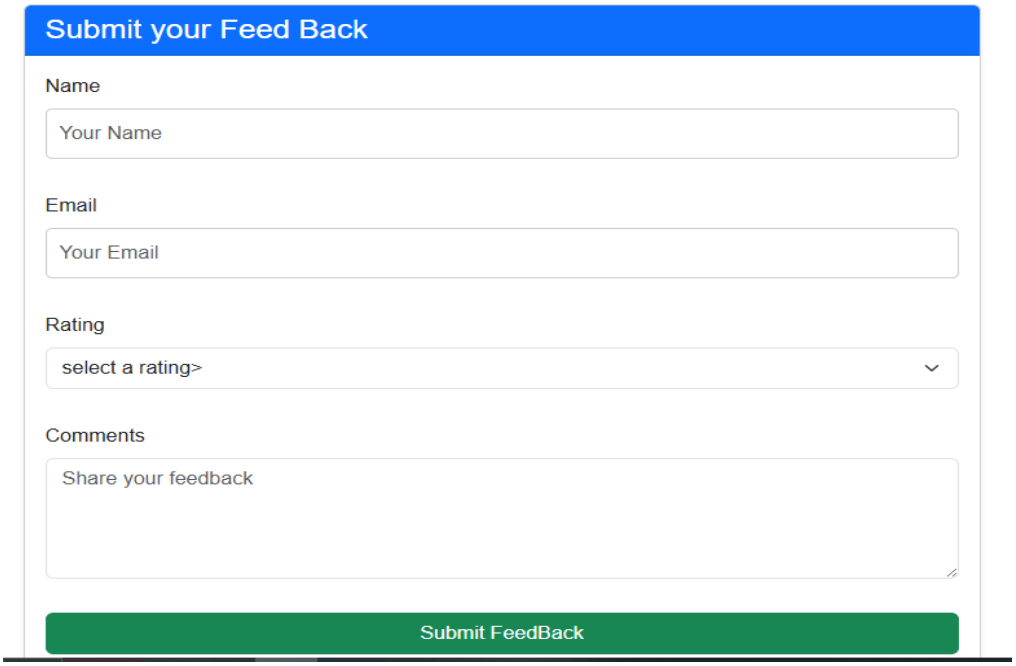
- Users enter details such as name, email, rating, and comments
- Feedback is stored securely in the database
- Users receive confirmation of submission

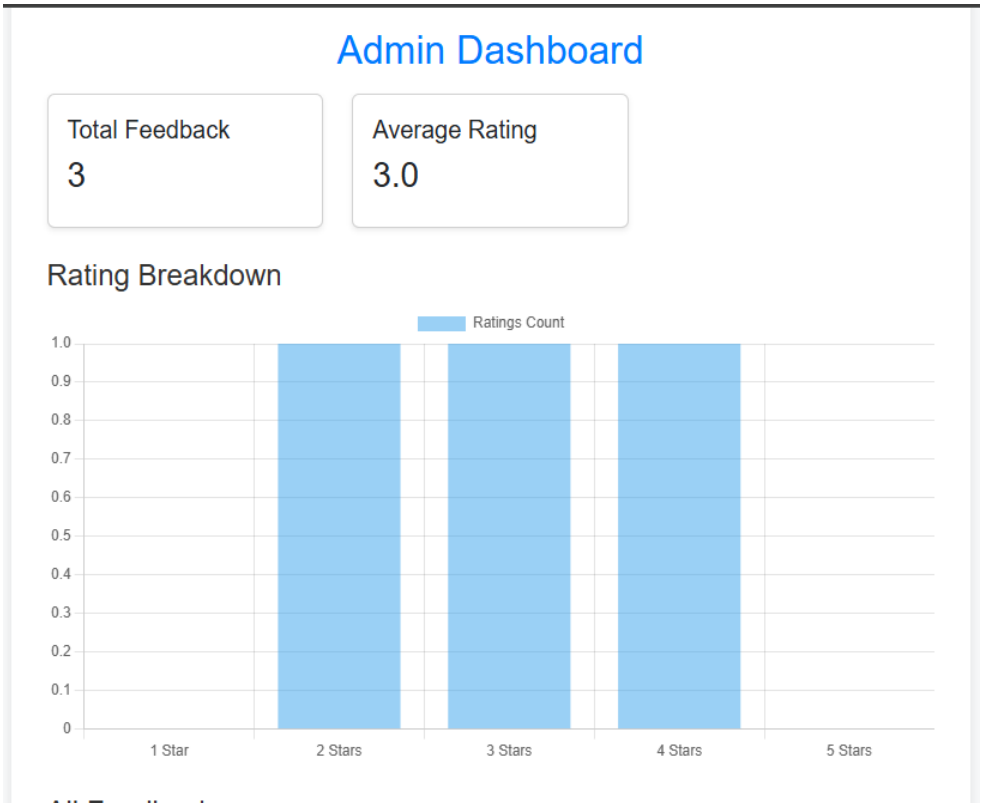
B. Admin Module

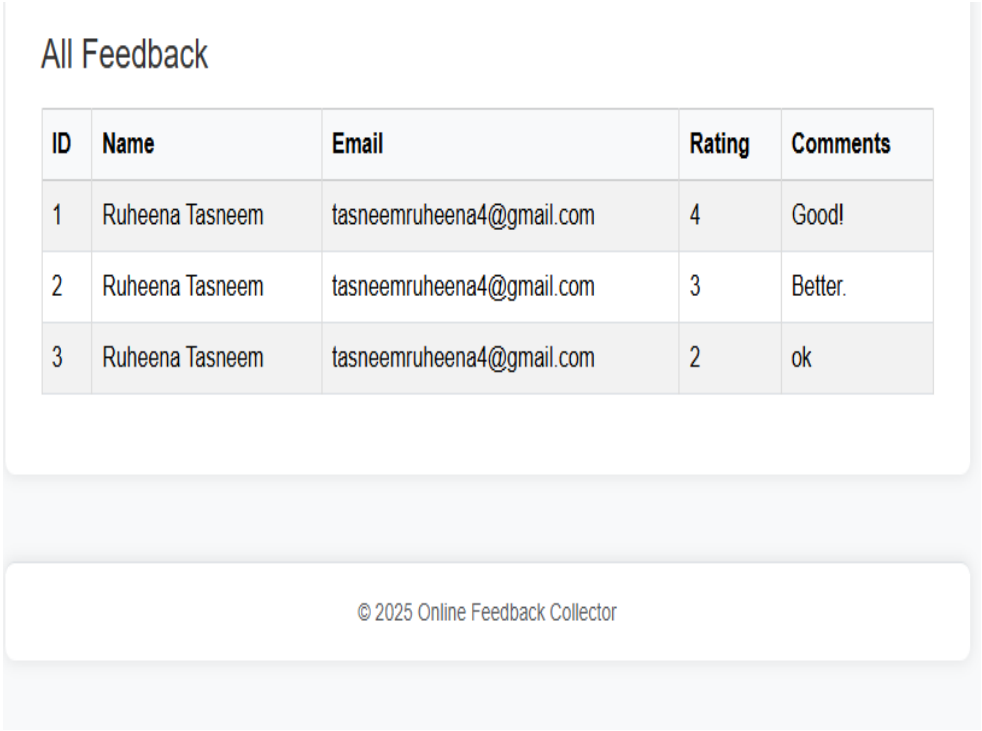
- Access to dashboard
- View list of all feedback
- View total number of feedback entries
- View average rating
- Analyze rating distribution using charts
- Export feedback through API

Working of this module:









6. Technologies Used

Frontend

- HTML
- CSS
- Bootstrap
- JavaScript
- Chart.js (for charts)

Backend

- Python
- Flask Framework

Database

- SQLite (lightweight file-based database)

7. System Architecture

User → Feedback Form → Flask Backend → SQLite Database
Admin → Dashboard → Flask Backend → SQLite Database → Charts (Chart.js)

The architecture follows the **MVC (Model-View-Controller)** pattern:

- **Model:** Feedback data stored in SQLite
- **View:** HTML templates for user and admin pages
- **Controller:** Flask routes handling logic
-

OnlineFeedbackCollector/

```
|
├── app.py # Flask backend code
├── requirements.txt # Required Python packages
├── database.db # SQLite database (empty, students will add data)
|
├── static/
| ├── css/
| | └── style.css # Basic styling
| └── js/
| └── script.js # JS for form validation (optional)
|
├── templates/
| ├── index.html # Home page with feedback form
| ├── admin.html # Admin dashboard page
| └── layout.html # Base HTML template for reuse
|
└── README.md # Project instructions and setup guide
```

8. Advantages of the System

- Easy to use and highly interactive
- Accurate data collection and storage
- Real-time analytics and dashboard view
- Portable and lightweight

- Paperless system
- Improves decision-making through insights

9. Applications

- Educational feedback systems
- Product review websites
- Customer service evaluation
- Training and workshop feedback
- Event feedback collection forms

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Contributors: Please all intern welcome to improve to level of best.

10. Conclusion

The Online Feedback Collector System provides a modern solution for gathering and analysing feedback. With its simple interface, real-time analysis, and efficient database handling, it serves as a powerful tool for organizations to understand user opinions and improve their performance.