

## **Project Report: Two-Dashboard AI System**

### **1. Project Overview**

This project implements an AI-powered feedback management system consisting of:

1. User Dashboard for submitting reviews.
2. Admin Dashboard for analytics and insights.

### **2. Features**

- User Dashboard with rating, review, AI response, summary, and action items generation.
- Admin Dashboard with password login, filters, charts, and expandable review details.
- CSV-based safe storage with UTF-8 fallback.
- Streamlit deployment.

### **3. Technologies Used**

- Python, Streamlit, Pandas
- OpenAI GPT-4o-mini
- ReportLab
- dotenv
- Streamlit Cloud

### **4. System Architecture**

User Dashboard → feedback.csv → Admin Dashboard.

### **5. Workflow**

1. User submits review.
2. AI generates response + summary + actions.
3. Admin logs in and sees analytics.

## **6. Deployment**

Deployed on Streamlit Cloud with secure API management and GitHub codebase.

## **7. Conclusion**

The system automates customer feedback analysis, generates insights, and provides an efficient dashboard-based solution for businesses.