GROUP-2 Project Report: VINSYS Training Feedback Portal-27/06/2025

Tasks Done on 27/06/2025-Friday

1.Prathamesh created the UI of our Project.

2.. Mrudula prepared the Documentation to address the status of the project and the tasks done .

3. Aditi prepared the PPT of the project work..

4.Prasad studied the architecture diagram and planned to work accordingly in cloud infrastructure..

Next Day Agenda: To host the UI our Project on Amazon S3.

1. Project Objective

The objective of the VINSYS Training Feedback Portal is to build a cloud-based web application that collects

training feedback, stores it securely, visualizes insights for admins, and notifies stakeholders via email.

2. Core Features

- Feedback Form: Users can submit name, email, rating, and comments.

- Feedback Report Generation: Admins can view collected feedback in a visual dashboard (charts).

- Admin Dashboard: Protected route that shows analytics of feedback (average ratings, etc).

- User Authentication (Basic): Login system for admin access (future-ready with Cognito or JWT).

- Email Notifications: Notify team when new feedback is submitted (via AWS SNS).

3. AWS Services Used

S3 - Hosts the static frontend (React).

Lambda - Runs backend logic (serverless).

API Gateway - Connects frontend with backend.

RDS - Stores feedback data (MySQL).

SNS - Sends email alerts.

4. Tech Stack

Frontend: React +Tailwind CSS

Backend: Django

Database: AWS RDS (MySQL)

Hosting/API: AWS S3, API Gateway

Notifications: AWS SNS

5. Folder Structure

VINSYS_Training_Feedback_Portal/

backend/   feedbackhandler/

adminhandler/

notificationhandler/

utils/db.js frontend/

src/components/

FeedbackForm.js

AdminDashboard.js docs/

ERD.png

6. Tasks Overview

Frontend:Aditi Shinde

Backend:Prathamesh Khanapure

Database and email:,Mrudula Dawalbhakta

Cloud Infrastructure:Prasad Bhusare

7. Testing Criteria

Check Feedback form submits data to RDS

Check Admin dashboard shows feedback

Check Emails triggered via SNS

Check React app loads from S3

Check API CORS and security tested

8. Final Deliverables

Check Hosted web app on S3

Check API Gateway linked to Lambda

Check 10 feedback samples in RDS

Check 5 emails triggered via SNS

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Check Complete GitHub repo

Check Project report and PPT

9. Status Summary

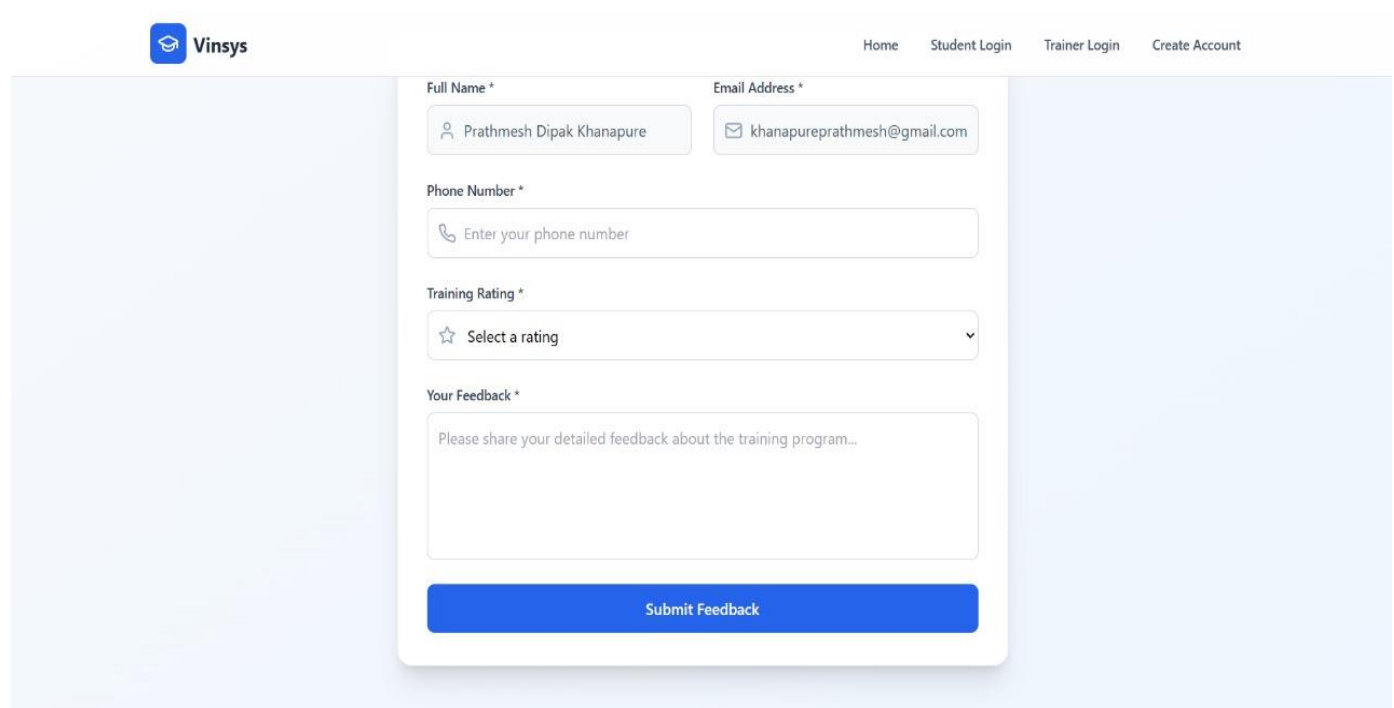Frontend – Created the UI of our Project

Lambda Functions - In Progress

RDS Database – In Progress

API Gateway - To Be Linked

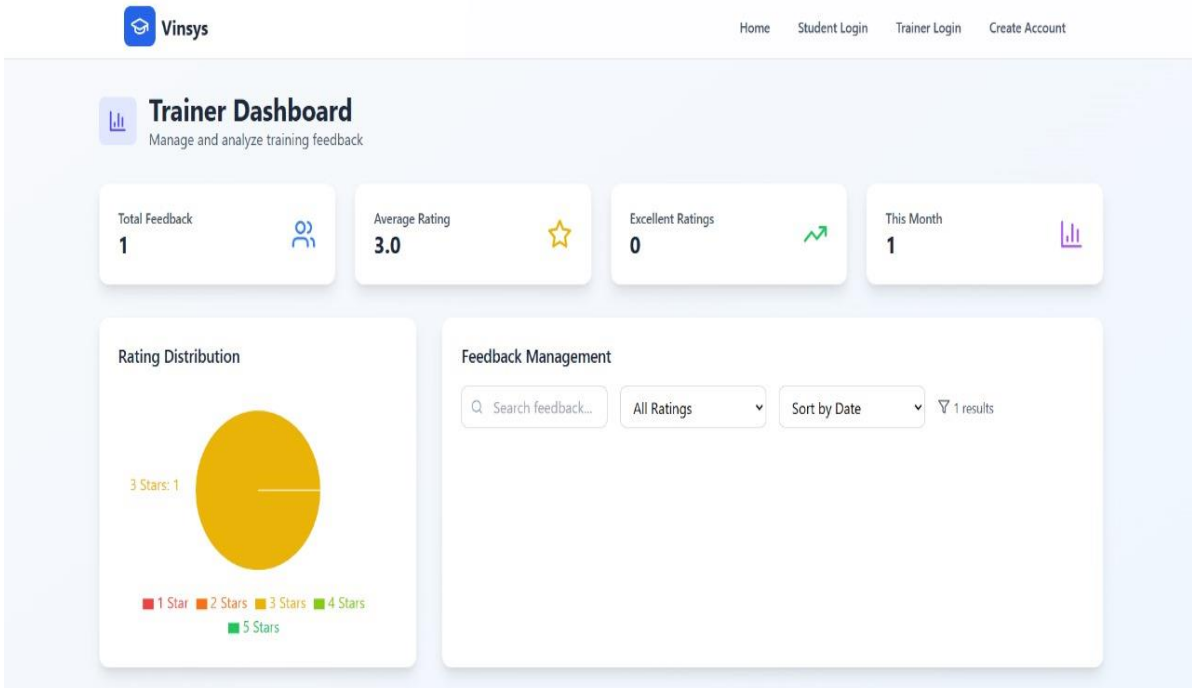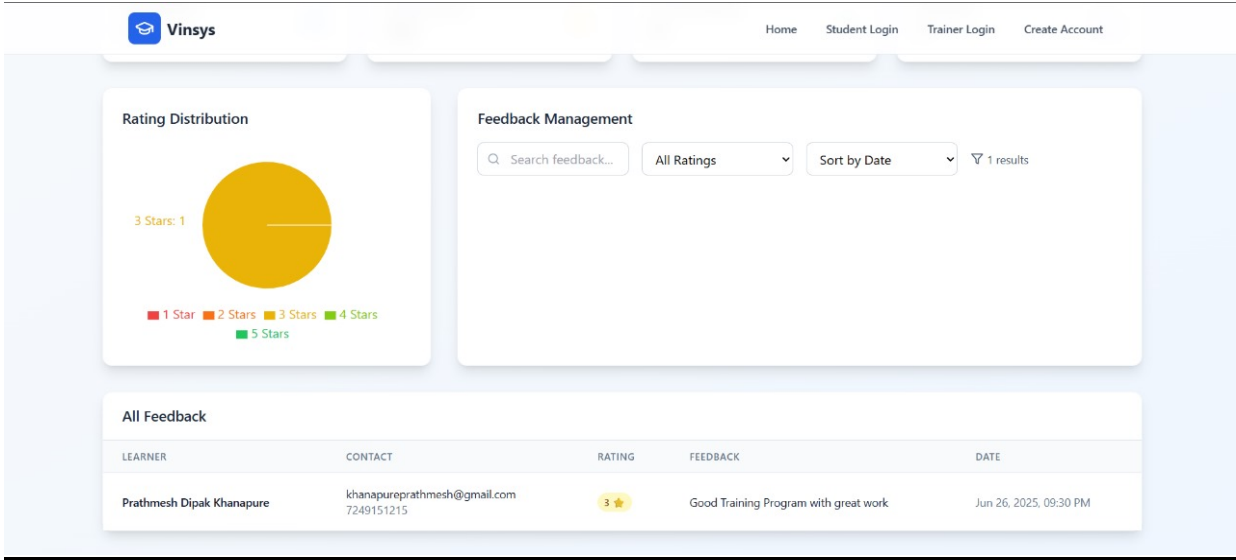S3 Deployment - Pending

SNS Email – Pending

UI of our project:

Prepared By

Group 2 - VINSYS Feedback Portal Team