ANUDIP FOUNDATION

A Project Report on

"STUDENTS ATTENDANCE MANANGEMENT SYSTEM USING FACE DECETION"

By

Batch: ANP-D0453

Student ID: AF0477052

Student ID: AF0477040

Name: Shweta Basavaraj Kore.

Name: Shweta Jagdish Chavan.

Under the Guidance of

Mrs. Rajshri Chandrabhan Thete.

"STUDENTS ATTENDANCE MANANGEMENT SYSTEM USING FACE DETECTION"

Entities:

❖ Student

❖ Admin

❖ Attendance

❖ Teacher

❖ Registration

VARIOUS ENTITIES:

1. Student
- **StudentID** (Primary Key)
- Name
- Email
- Section
- Roll_Number
- Class

2. AttendanceReports
- **ReportID** (Primary Key)
- StudentID(Foreign Key)
- Attendance_Date
- Status

3. Attendance
- Attendance_ID (Primary key)
- StudentId(Foreign Key)
- Attendance_Date
- Status
- Remarks

4.Teacher
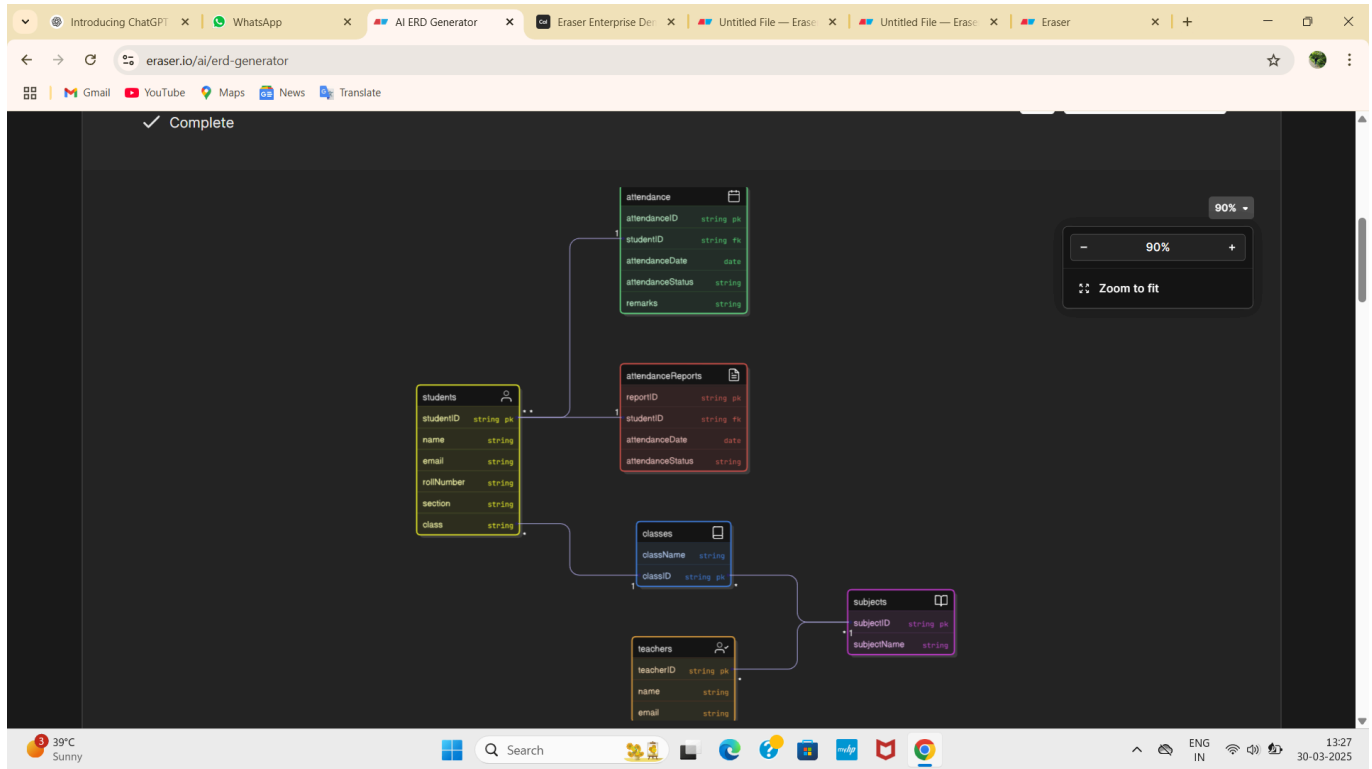- Teacher_ID (Primary Key)
- Name
- Email

5. Classes
- Class_Name
- Class_ID (Primary Key)

6. Subjects

- Subject_ID(Primary Key)
- SubjectName

ENTITY RELATIONSHIP DIAGRAM – STUDENT ATTENDANCE MANAGEMENT SYSTEM USING FACE DETECTION.

CONCLUSION:

In Conclusion, A Student Management System using Face Detection offers a modern, efficient and secure approach to attendance tracking and student identification, ultimately Streamlining administrative tasks and improving accuracy while minimizing human error.

DATABASE CREATION QUERY:

mysql> CREATE DATABASE IF NOT EXISTS attendance_manage;
Query OK, 1 row affected (0.00 sec)

mysql> USE attendance_manage;
Database changed

mysql> CREATE TABLE IF NOT EXISTS AttendanceReport (
    -> reportID bigint NOT NULL AUTO_INCREMENT,
    -> attendanceDate date,
    -> attendanceStatus varchar(255),
    -> student_id bigint,
    -> PRIMARY KEY (reportID)
    ->);
Query OK, 0 rows affected (0.01 sec)

mysql> CREATE TABLE IF NOT EXISTS ClassEntity (
    -> classID bigint NOT NULL AUTO_INCREMENT,
    -> className varchar(255),
    -> PRIMARY KEY (classID)
    ->);
Query OK, 0 rows affected (0.01 sec)

mysql> CREATE TABLE IF NOT EXISTS Student (
    -> studentID bigint NOT NULL AUTO_INCREMENT,
    -> email varchar(255),
    -> name varchar(255),
    -> rollNumber varchar(255),
    -> section varchar(255),
    -> class_id bigint,
    -> PRIMARY KEY (studentID)
    ->);
Query OK, 0 rows affected (0.01 sec)

mysql> CREATE TABLE IF NOT EXISTS Subject (
    -> subjectID bigint NOT NULL AUTO_INCREMENT,
    -> subjectName varchar(255),
    -> PRIMARY KEY (subjectID)
    ->);
Query OK, 0 rows affected (0.01 sec)

mysql> CREATE TABLE IF NOT EXISTS Teacher (
    -> teacherID bigint NOT NULL AUTO_INCREMENT,
    -> email varchar(255),
    -> name varchar(255),
    -> PRIMARY KEY (teacherID)
    ->);
Query OK, 0 rows affected (0.01 sec)