SAHYADRI
COLLEGE OF ENGINEERING & MANAGEMENT
An Autonomous Institution

Department of Information Science & Engineering

DBMS Laboratory with Mini Project – 18CSL58

Proposed Mini Project Synopsis – V ISE 'B'_2022-23 (Odd Sem)

Student Name	USN	Student Signature
1. Krithika S Chowta	4SF20IS044	
2. Binit Sarkar	4SF20IS024	

Faculty In charge			
Name:	Mr. Rithesh Pakkala P.	Signature with Date:	

Mini Project Title:	Educational Database Management System (StudyBea)

Mini Project Description: (in 100 words)

The project StudyBea focuses on revolutionizing the educational field. A user can find the institution of his choice through our platform based on the ratings and reviews that the institution has received through years. He will be accessible to all the necessary information before getting the admission done such as fee structure, the scholarship details, the contact details etc. An outsider when gets his admission done can login through the portal in our platform and can get easy access to all the resources and other institutional updates through the platform. The person can even have access to all the previous year question papers which would help them further in the years of their professional course.

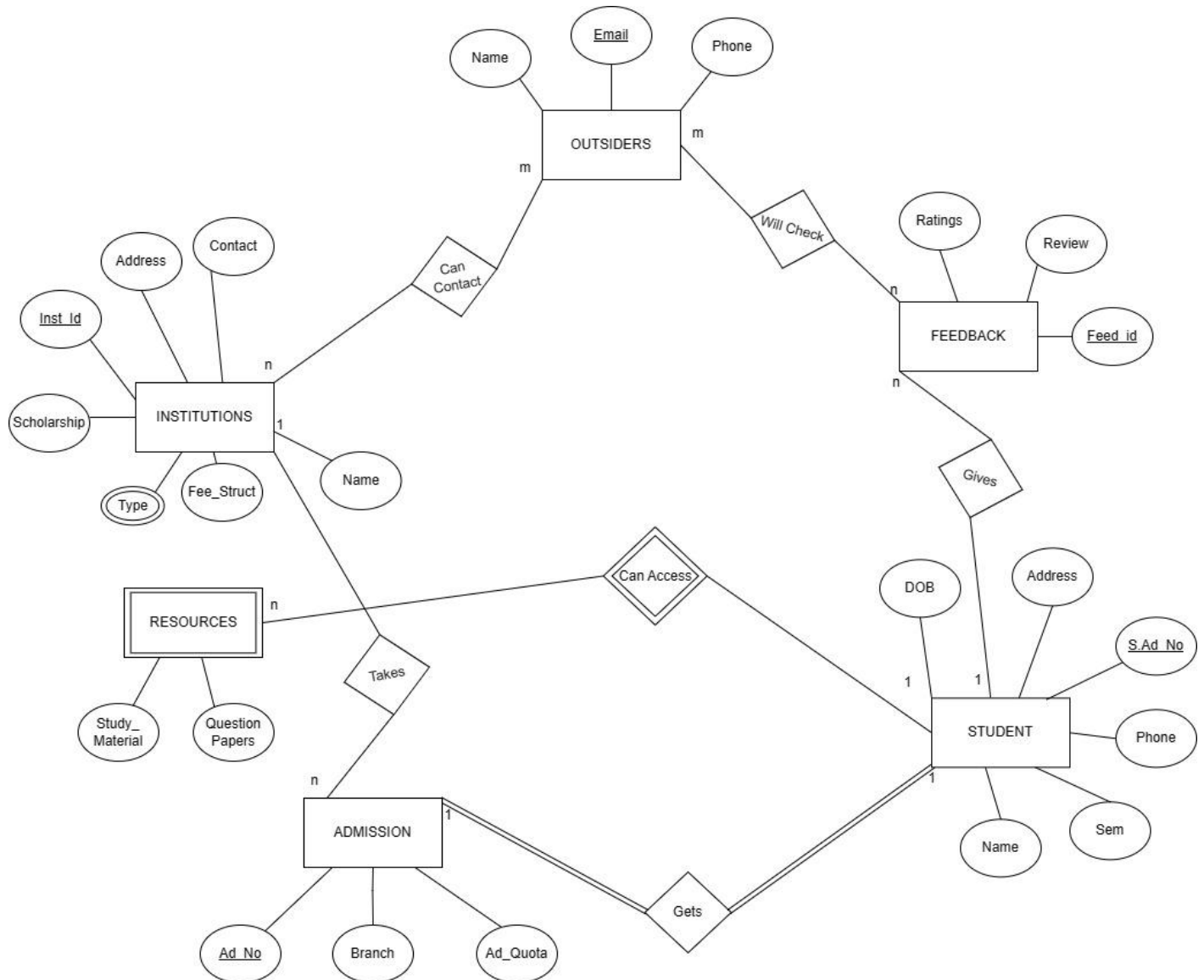| Programming Language:	Java
Database:	Oracle

References:

[1] Database systems Models, Languages, Design and Application Programming, Ramez Elmasri and Shamkant B. Navathe, 6th Edition, Pearson.
[2] Database management systems, Ramakrishnan, and Gehrke, 3rd Edition, 2014, McGraw Hill.

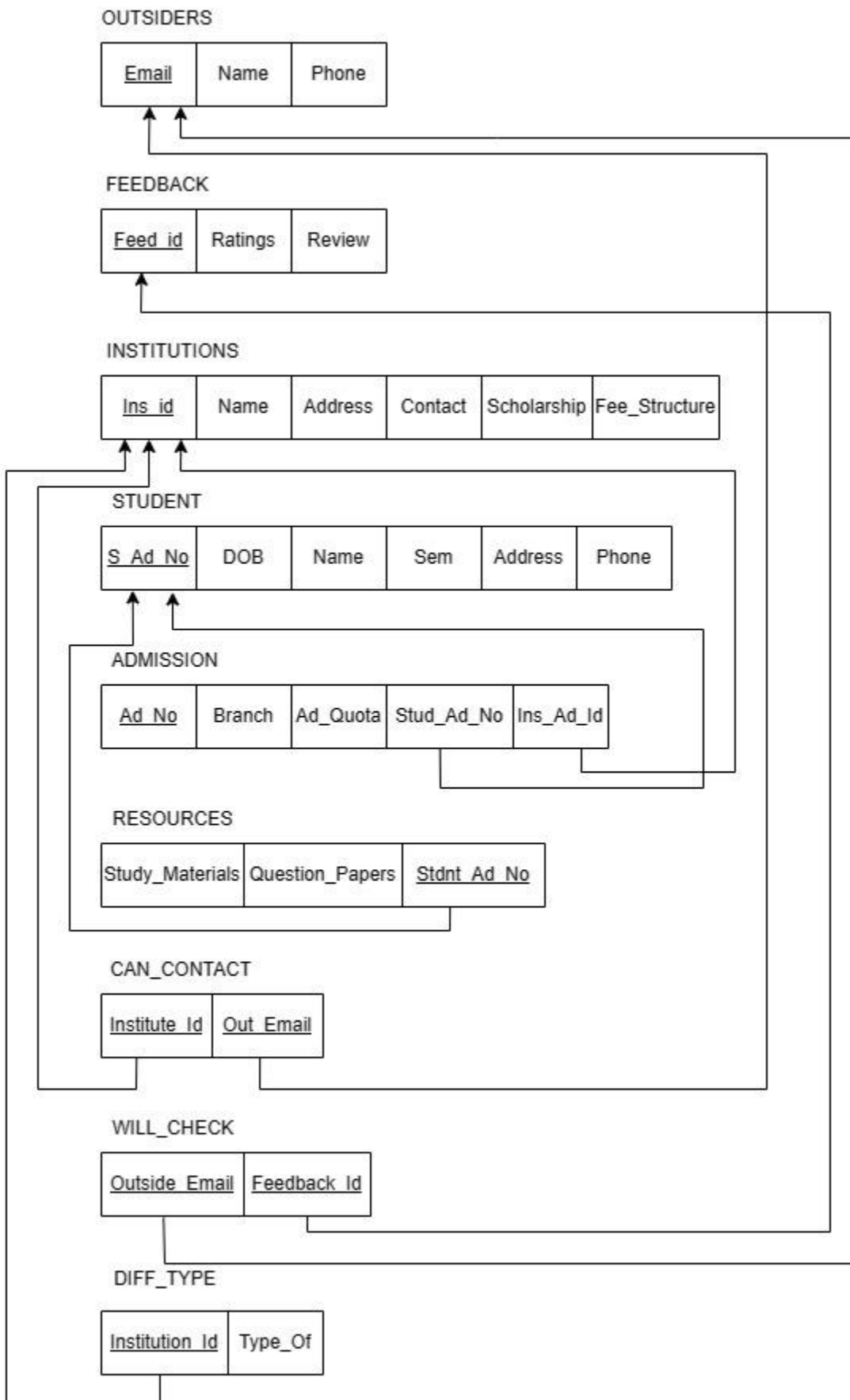[3] Silberschatz Korth and Sudarshan: Database System Concepts, 6th Edition, Mc-Graw Hill, 2013.
[4] Coronel, Morris, and Rob, Database Principles Fundamentals of Design, Implementation and Management, Cengage Learning 2012.

E-R Diagram

Fig : ER diagram for Educational Database Management System

Relational Schema

OUTSIDERS

Email	Name	Phone

FEEDBACK

Feed_id	Ratings	Review

INSTITUTIONS

Ins_id	Name	Address	Contact	Scholarship	Fee_Structure

STUDENT

S_Ad_No	DOB	Name	Sem	Address	Phone

ADMISSION

Ad_No	Branch	Ad_Quota	Stud_Ad_No	Ins_Ad_Id

RESOURCES

Study_Materials	Question_Papers	Stdnt_Ad_No

CAN_CONTACT

Institute_Id	Out_Email

WILL_CHECK

Outside_Email	Feedback_Id

DIFF_TYPE

Institution_Id	Type_Of

Fig: Relational Schema for Educational Database Management System