+ANUDIP FOUNDATION

A Project Report on

JOB PORTAL SYSTEM

By

Batch: ANP-D0453

Student ID: AF0477061

Name: Sonali Vishwanath Rathod

Under the Guidance of

Mrs. Rajshri Chandrabhan Thete

JOB PORTAL SYSTEM

Introducing our Java-based Job Portal System (JPS):

The **Job Portal System** is designed to streamline the recruitment process by connecting job seekers with employers. It efficiently manages job postings, candidate profiles, applications, and employer interactions. The system ensures smooth data handling, secure authentication, and structured application tracking. With features like job searching, application management, and employer dashboards, it enhances the hiring process. The platform provides a seamless experience for both job seekers and recruiters, making recruitment more efficient and organized

Entities:

- Admin
- User
- Employer
- Job

ATTRIBUTES OF ENTITIES:

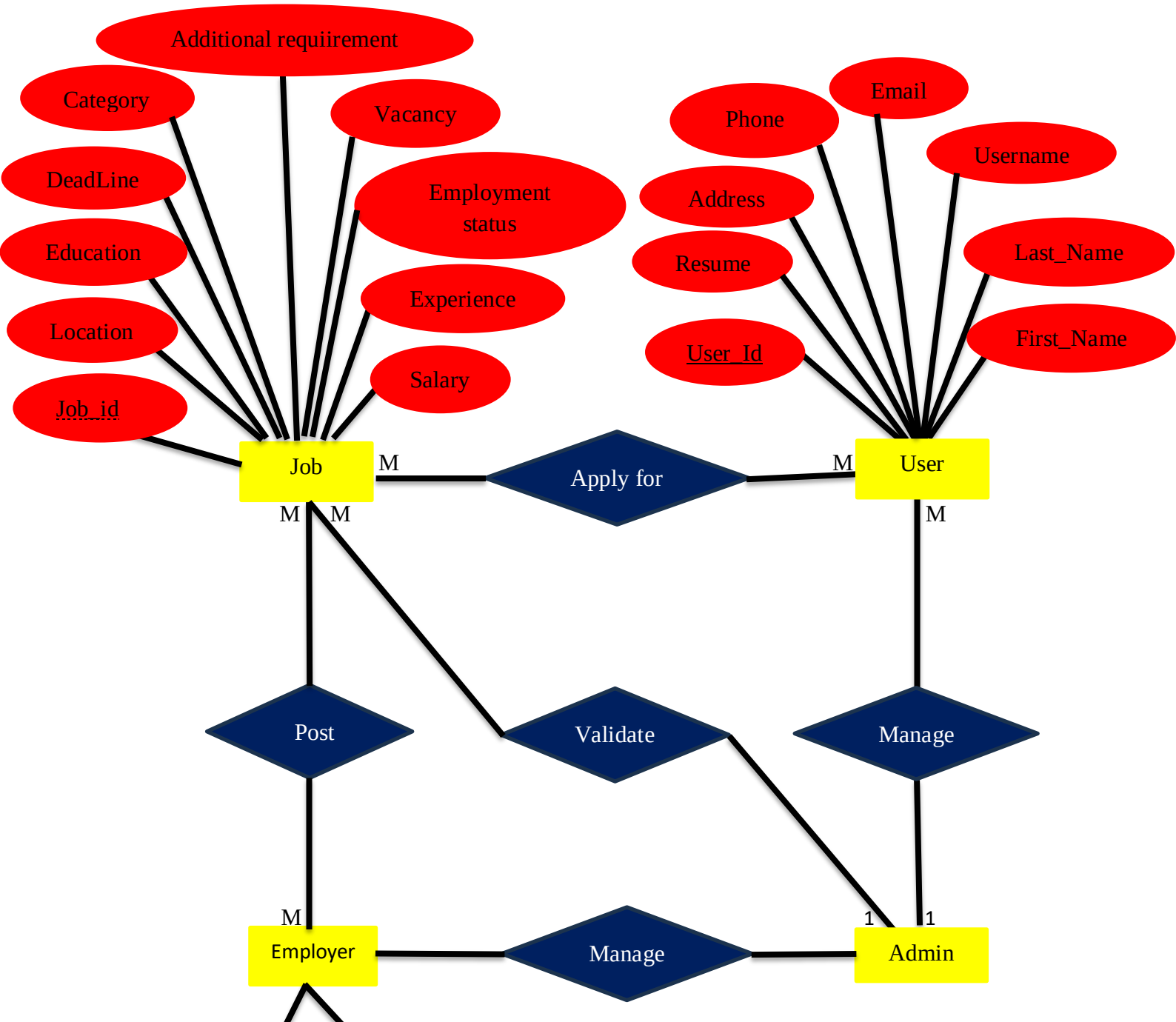
1. **Admin**
   - Attributes:
     - admin_id (primary key)
     - ad_Firstname
     - ad_Lastname
     - ad_Email
     - ad_Phone
     - ad_Address

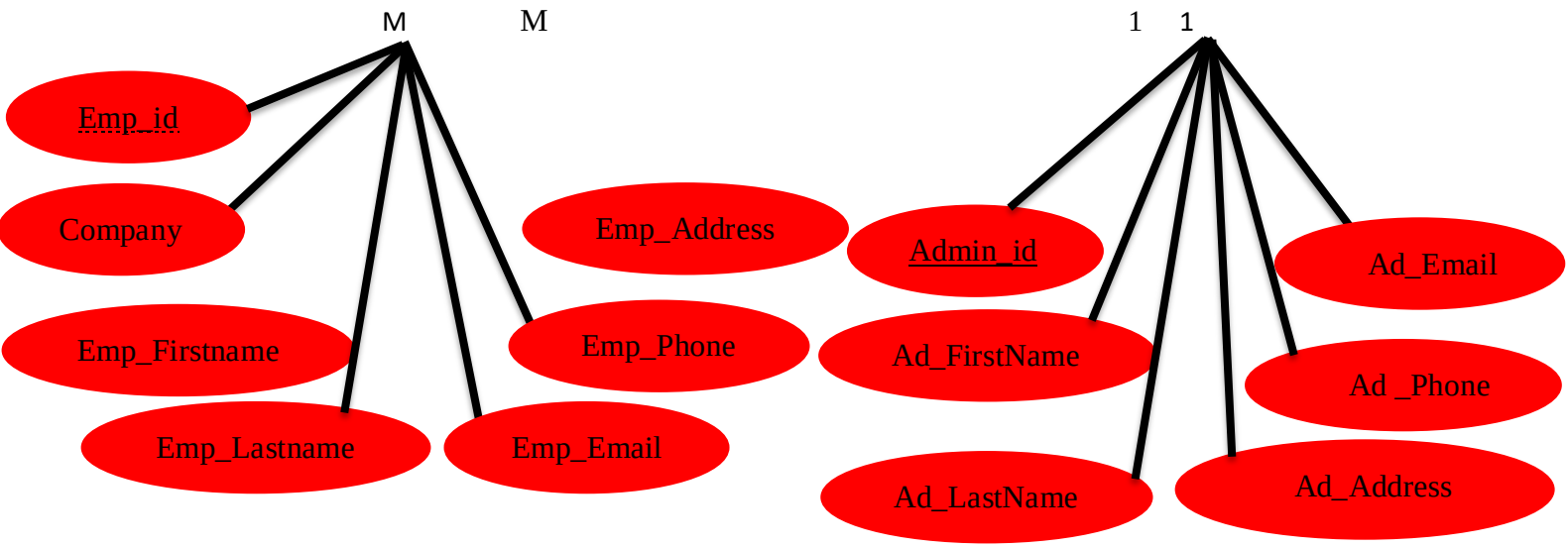
2. **User**
   - Attributes:
     - User_id(primary key)
     - User_FirstName
     - User_LasttName
     - User_Phone
     - User_Email
     - Resume
     - Address

3. **Employer**
    - ❖ Attributes:
    - Emp_id (primary key)
    - Emp_FirstName
    - Emp_LastName
    - Emp_Address
    - Emp_Email
    - Emp_Phone
    - Comapany

4. **Job**
    - ❖ Attributes:
    - Job_id (primary key)
    - Emp_id (Foreign key)
    - Location
    - Education
    - DeadLine
    - Category
    - Additional Requirement
    - Vacancy
    - Employment Status
    - Experience
    - Salary

ENTITY RELATIONSHIP DIAGRAM – JOB PORTAL SYSTEM





CONCLUSION:

In summary, The **Job Portal System** provides an efficient and structured platform for job seekers and employers to connect, making the hiring process seamless. It streamlines job postings, candidate applications, and recruitment management, ensuring smooth data handling and secure operations. By offering features like job search, application tracking, and employer dashboards, it enhances user experience and improves hiring efficiency. The system reduces manual efforts, saves time, and increases accessibility for both recruiters and job seekers. With its well-organized framework, it ensures transparency and effectiveness in recruitment. Overall, it serves as a reliable solution for modern job hiring needs.

DATABASE CREATION QUERY:

```
mysql> create database job_portal;
Query OK, 1 row affected (0.36 sec)

mysql> use job_portal;
Database changed

mysql> CREATE TABLE Admin (
    -> Admin_id INT PRIMARY KEY AUTO_INCREMENT,
    -> Ad_FirstName VARCHAR(255),
    -> Ad_LastName VARCHAR(255),
    -> Ad_Email VARCHAR(255) UNIQUE,
    -> Ad_Phone VARCHAR(20),
    -> Ad_Address VARCHAR(255)
);
Query OK, 0 rows affected (0.61 sec)

mysql> CREATE TABLE User (
    -> User_Id INT PRIMARY KEY AUTO_INCREMENT,
    -> First_Name VARCHAR(255),
    -> Last_Name VARCHAR(255),
    -> Email VARCHAR(255) UNIQUE,
```

```
    -> Phone VARCHAR(20),
    -> Address VARCHAR(255),
    -> Education VARCHAR(255),
    -> Employment_status VARCHAR(255),
    -> Resume VARCHAR(255) -- Store file path or blob
);
Query OK, 0 rows affected (0.47 sec)


mysql> CREATE TABLE Employer (
    -> Emp_id INT PRIMARY KEY AUTO_INCREMENT,
    -> Emp_First_name VARCHAR(255),
    -> Emp_Last_name VARCHAR(255),
    -> Emp_Email VARCHAR(255) UNIQUE,
    -> Emp_Phone VARCHAR(20),
    -> Emp_Address VARCHAR(255),
    -> Company VARCHAR(255)
);
Query OK, 0 rows affected (0.14 sec)

mysql CREATE TABLE Job
    -> (
    -> Job_id int primary key Auto_Increment,
    -> Category VARCHAR (50),
    -> Deadline Date,
    -> Education VARCHAR (100),
    -> Location VARCHAR (100),
    -> Additional_Requirement TEXT,
    -> Vacancy int,
    -> Employment_Status VARCHAR (50),
    -> Experience int,
    -> Salary Decimal(10,2)
```

-> Emp_id int Not Null,

-> Foreign key (Emp_id) References Employer(Emp_id) ON Delete Cascade

->);

Query OK, 0 rows affected (0.14 sec)

mysql> Show tables;

```
+----------------------+
| Tables_in_job_portal |
+----------------------+
| admin                |
| employer             |
| job                  |
| user                 |
+----------------------+
```

4 rows in set (0.04 sec)