Final project

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Project description: This project is documented based on the idea of managing and ensuring transparency of a website of a university. In this project a little portion of a department management system where class schedules and class notices will be provided by teachers. This may help students to minimize of spending time in social media. Since in current system notices and schedules are provided in social media platform for this reason some student cannot abstain from using social media though they do not want to use it. From this point of view this project is designed. All notices and schedule will provided by teachers in university website. At the same time study resources will also be provided in the website by teachers and students so that any one can access this any time. Students feedback will help to evaluate teachers by the university authority.
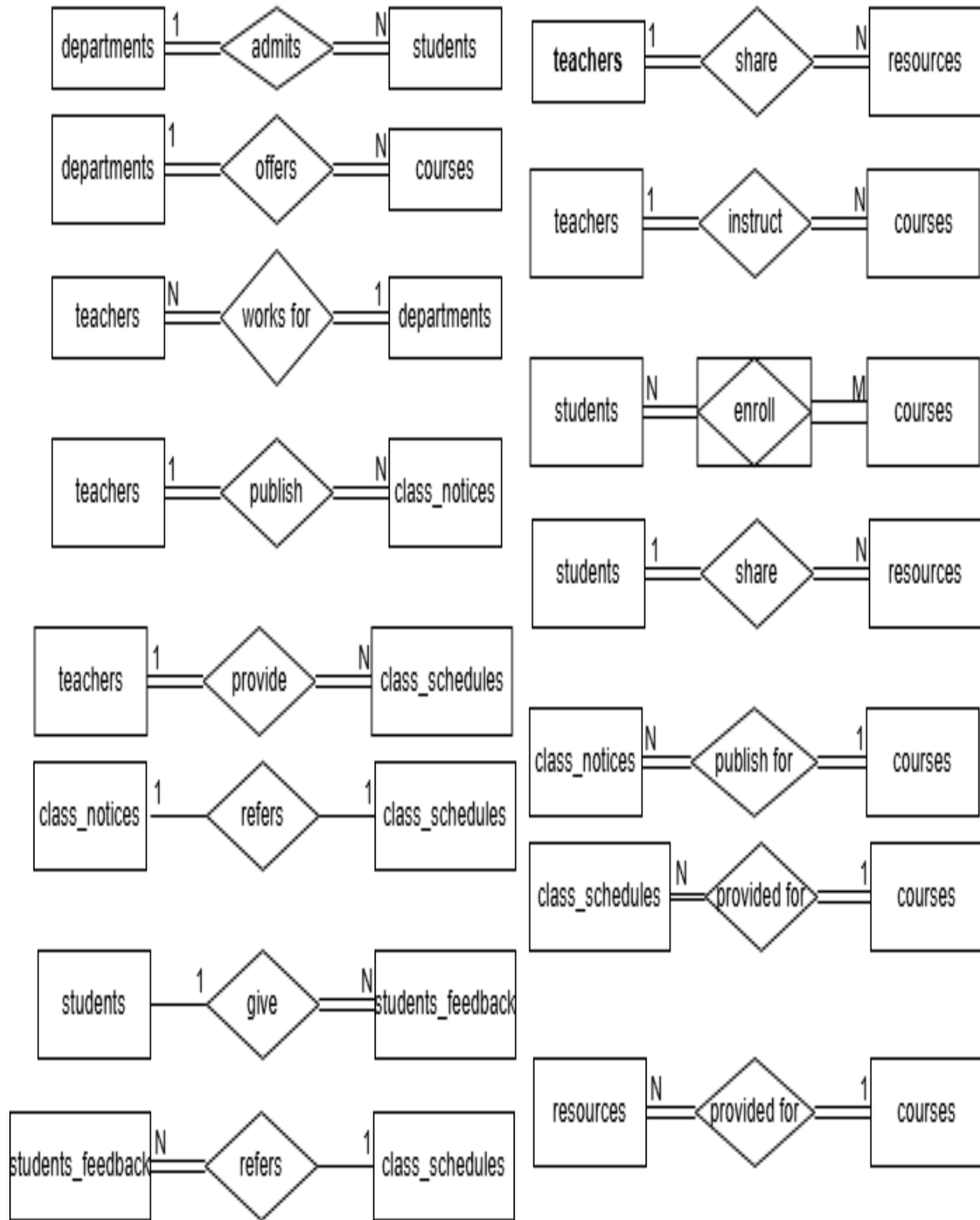
Introduction: Since in this project I focused mainly on schedule and resource, for doing this some other entities from department management system like departments, teachers, students are needed, though it is not our main topic description of these entity has kept minimum.
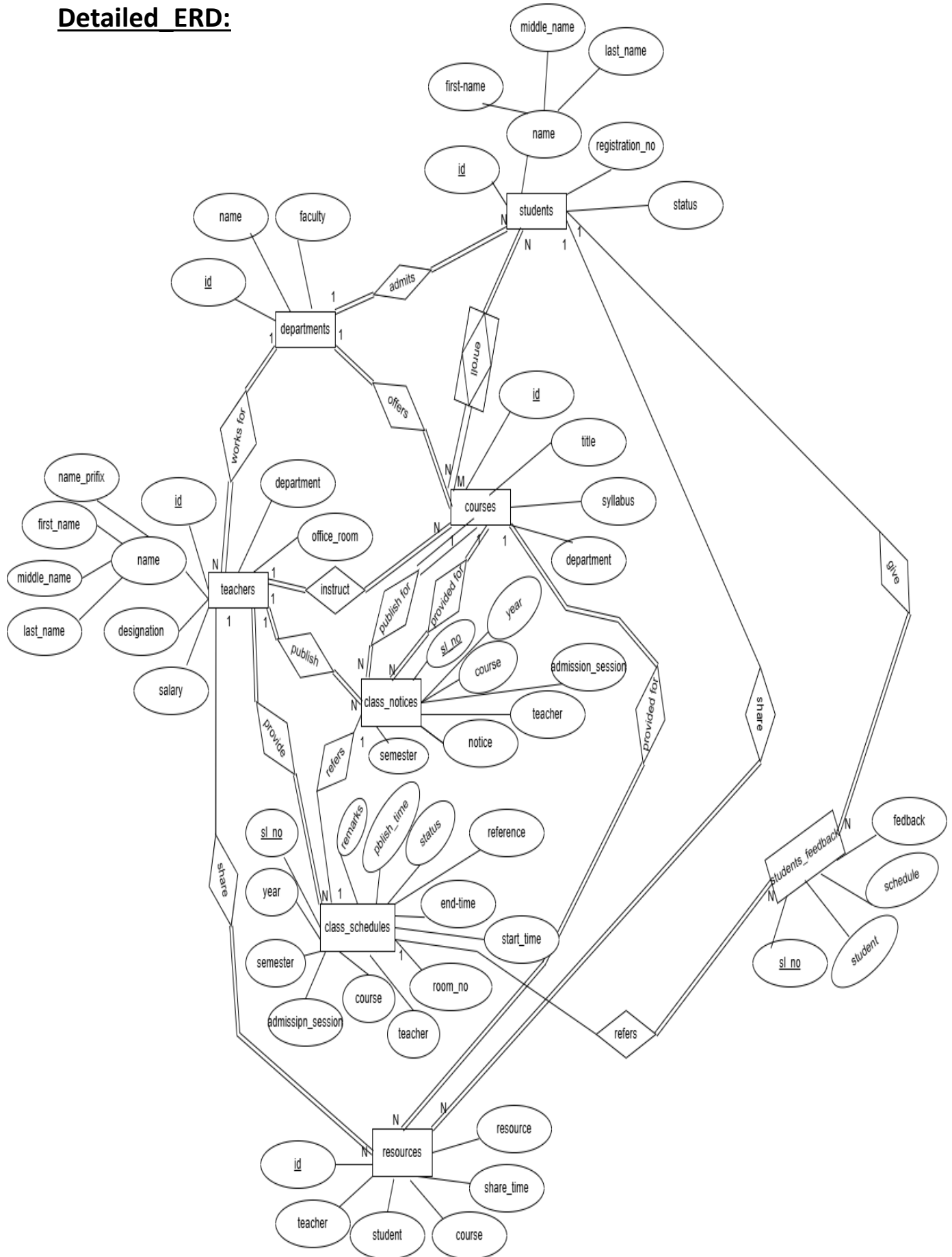
Identifying entities:

1. **Departments (**id, name, faculty)
2. **Teachers (**id, name, designation, salary, department, office_room)
3. **students(** id, name,registration_no, department, status)
4. **courses(** id, title, syllabus, department)
5. **class_notices(** sl_no, course, year, semester, admission_session, teacher, notice)
6. **class_schedule(** sl_no, year, semester, admission_ssession, course, teacher, room_no, start_time, end_time, reference, publish_time, status, remarks, update_time)
7. **students_feedback(** sl_no, student, schedule, feedback)

8. resourses(id, teacher, student, course, share_time, resource)

Determining relations between entities:

| departments | 1 — admits — N | students |

| departments | 1 — offers — N | courses |

| teachers | N — works for — 1 | departments |

| teachers | 1 — publish — N | class_notices |

| teachers | 1 — provide — N | class_schedules |

| class_notices | 1 — refers — 1 | class_schedules |

| students | 1 — give — N | students_feedback |

| students_feedback | N — refers — 1 | class_schedules |

| teachers | 1 — share — N | resources |

| teachers | 1 — instruct — N | courses |

| students | N — enroll — M | courses |

| students | 1 — share — N | resources |

| class_notices | N — publish for — 1 | courses |

| class_schedules | N — provided for — 1 | courses |

| resources | N — provided for — 1 | courses |

Detailed_ERD:

Schema diagram: