Users (User_Id, Username, Password)

Admin (id)

 Where Admin.id references Users.user_id

Advisor (user_id, Id, name, office_ location, email, semester)
 Where Advisor.user_id references Users.user_id

Student (user_id, id, fname, lname, email, address, gpa, faculty, major, assigned_hours,
          acquired_hours, semester, Status, Advisor_ID)
 Where status based on installment status
 Where user_id references users.user_id
 Where Student.Advisor_Id references Advisor.Id

 Mobile (id, mobile_no)
 Where Mobile.id references Student.id

Courses (course_id, course_name, major, optional, semester, is_offered, cred_hours,
course2_id)
    Where Course.course2_id references Course.Course_Id

Course_Taught_In (Course_ID, Slot_ID)
   Where Course_Taught_In. Course_ID references Course.Course_Id
   Where Course_Taught_In. Slot_ID references Slot.Id

Teaching_Course (Course_ID, Instructor_ID, semester)

 Where Teaching_Course. Course_ID references Course.Course_Id
 Where Teaching_Course.Instructor_ID references Instructor.Id

Makeup Exam (id, date, type)

Slot (id, location, day, time, instructor_id)
  Where Slot. Instructor_id references Instructor_id

Student_Course_Makeup (Makeup_Exam_ID, Student_ID, Courses_ID, eligibility)

  Where Student_Course_Makeup. Makeup_Exam_ID references MakeUp_Exam.ID
  Where Student_Course_Makeup. Student_ID references Student.ID
  Where Student_Course_Makeup. Course_ID references Course.ID

Student_fills_slot (student_id, slot_id)

  Where Student_slot. student_id references Student.id
  Where Student_slot. slot_id references Slot.id

Student_required (student_id, course_id)

  Where Student_required. student_id references Student.id
  Where Student_required. course_id references Courses. course_id

Student_not_attended (student_id, course_id)

  Where Student_notattended.student_id references Student.id
  Where Student_notattended.course_id references Courses.course_id

Student_Course_Instructor (Student_ID, Course_ID, Instructor_ID, Grade, Exam Type, Semester)

  Where Student_Course_Instructor.Student_ID references Student.id
  Where Student_Course_Instructor.Instructor_ID references Instructor.id
  Where Student_Course_Instructor.Course_ID references Course.id

Student_payment (student_id, payment_id)

  Where Student_payment.student_id references Student.id
  Where Student_payment.payment_id references Payment.id

Request (id, student_id)

   Where Request.Student_id references Student.id

Add_course (req_id, course_id)

   Where Add_course.req_id references Request.id

Add_hours (req_id, credit_hours)

   Where Add_hours.req_id references Request.id

Instructor (id, email, name, faculty, office_location)

Semester (code, start_date, end_date, optional, odd_even)

Semesters_In_Graduation_Plan (Semester_Code , Grad_Plan_Id)

   Where Semesters_In_Graduation_Plan.Semester_Code references Semester.code
   Where Semesters_In_Graduation_Plan.Grad_Plan_Id references Graduation_Plan.ID

Payment (id, deadline, no_of_installments, fund_percent, total_amount, Semester_code)

   Where code in payment.Semester_code references Semester.code

Installment(id,status, amount, deadline, date, payment_id)

   Where Installment.payment_id references Payment.id

Graduation_Plan (id, total_cred_hours, expected_grad_sem, advisor_id)

   Where Grad_plan.advisor_id references Advisor.id

Grad_courses (<u>id, grad_course</u>)

   Where Grad_course.id references Grad_plan.id

Graduation_plan_semester (<u>grad_id, Semester_code</u>)

   Where Grad_plan_sem.grad_id references Grad_plan.id
   Where Grad_plan_sem.semester_code references Semester.code