

Relational Schema

linear Depression

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- USERS (Id, User_name, Password)
- ADMIN (Id)
ADMIN.User_name references USERS.Id
- STUDENT (Id, First_name, Last_name, Faculty, Gpa, Email, Type, Address)
STUDENT.Id references UserS.Id
- STUDENT_MOBILE_NUMBERS (Sid, Mobile_number)
STUDENT_MOBILE_NUMBERS.Sid references STUDENT.Id
- GUCIAN (Sid, Guc_id)
GUCIAN.Sid references STUDENT.id
- NONGUCIAN (Sid)
NONGUCIAN.Sid references STUDENT.Id
- SUPERVISOR (Id, Name, Faculty, Email)
SUPERVISOR.UserName references USERS.Id
- PAYABLE (Id)
- THESIS (Serial_number, Start_date, End_date, Duration, Type, Field, Seminar_date, Number_of_extension, Student_id, Supervisor_id, Payable_id)
THESIS.Student_id references STUDENT.Id
THESIS.Supervisor_id references SUPERVISOR.Id
THESIS.Payable_id references PAYABLE.Id
where Duration = End_date - Start_date
- CO_SUPERVISED (Thesis_number, Supervisor_id)
CO_SUPERVISED.Thesis_number references THESIS.Serial_number
CO_SUPERVISED.Supervisor_id references SUPERVISOR.Id

- REPORT (Serial_number, Date, Description, Progress_state)
REPORT.Serial_number references THESIS.Serial_number
- EVALUATED (Thesis_number, Date, Supervisor_id, Evaluation)
EVALUATED.Thesis_number references REPORT.Serial_number
EVALUATED.Date references REPORT.Date
EVALUATED.Supervisor_id references SUPERVISOR.Id
- DEFENSE (Serial_number, Date, Location, Grade)
DEFENSE.Serial_number references THESIS.Serial_number
- EXAMINER (Id, Name, Field_of_study, Is_national)
- EXAMINED_BY (Serial_number, Examiner_id, Comments)
EXAMINED_BY.Serial_number references DEFENSE.Serial_number
EXAMINED_BY.Examiner_id references EXAMINER.Id
- PUBLICATION (Id, Date, Host, Place, Accepted, Payable_id)
PUBLICATION.Payable_id references Payable.id
- PUBLISHED_FOR (Thesis_number, Publication_id)
PUBLISH.Thesis_number references THESIS.Serial_number
PUBLISH.Publication_id references PUBLICATION.Id
- COURSE (Id, Code, Credit_hours, Fees, Payable_id)
COURSE.Payable_id references PAYABLE.Id
- TAKEN_BY (Student_id, Course_id, Grade)
TAKEN_BY.Student_id references NONGUCIAN.Id
TAKEN_BY.CourseId references COURSE.Id
- PAYMENT (Id, Fund_percentage, Num_of_installment, Total_amount, PayableId, Student_id)
PAYMENT.Payable_id references PAYABLE.Id
PAYMENT.Student_id references STUDENT.Id
- INSTALLMENT (Payment_id, Date, Amount, Status)
INSTALLMENT.Payment_id references PAYMENT.Id