

Relational Schema

linear Depression

November 9, 2021

- *USER* (*Id*, *User_name*, *Password*)
- *ADMIN* (*Id*)
ADMIN.*User_name* references USER.*Id*
- *STUDENT* (*Id*, *First_name*, *Last_name*, *Faculty*, *Gpa*, *Email*, *Type*, *Address*)
STUDENT.*Id* references User.*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 USER.*User.iD*
- *PAYABLE* (*Id*)
- *THESIS* (*Serial_number*, *Start_date*, *End_date*, *Duration*, *Type*, *Field*, *Seminar_date*, *Number_of_extension*, *Student_id*, *Supervisor_id*, *Payable_id*)
Duration = end_date - start_date
THESIS.*Student_id* references STUDENT.*Id*
THESIS.*Supervisor_id* references SUPERVISOR.*Id*
THESIS.*Payable_id* references PAYABLE.*Id*

- *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)
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