

Relational Schema

linear Depression

November 9, 2021

- *USER* (*User_name*, *Password*)
- *ADMIN* (*User_name*)
ADMIN.*User_name* references USER.*User_name*
- *STUDENT* (*Id*, *User_name*, *First_name*, *Last_name*, *Faculty*, *Gpa*, *Email*, *Type*, *Address*)
STUDENT.*User_name* references User.*User_name*
- *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*, *User_name*, *Name*, *Faculty*, *Email*)
SUPERVISOR.*UserName* references USER.*Username*
- *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*
- *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

- *PUBLISH* (Student_id, Thesis_number, Publication_id)

PUBLISH.Student_id references STUDENT.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)

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