Relational Schema

linear Depression

November 9, 2021

- $USER$ ($\underline{Id}, User\_name, Password$)

- $ADMIN$ ($\underline{Id}$)
  ADMIN.User_name refrences USER.Id

- $STUDENT$ ($\underline{Id}, First\_name, Last\_name, Faculty, Gpa, Email, Type, Address$)
  STUDENT.Id refrences User.Id

- $STUDENT\_MOBILE\_NUMBERS$ ($\underline{Sid}, \underline{Mobile\_number}$)
  STUDENT_MOBILE_NUMBERS.Sid references STUDENT.Id

- $GUCIAN$ ($\underline{Sid}, Guc\_id$)
  GUCIAN.Sid references STUDENT.id

- $NONGUCIAN$ ($\underline{Sid}$)
  NONGUCIAN.Sid references STUDENT.Id

- $SUPERVISOR$ ($\underline{Id}, Name, Faculty, Email$)
  SUPERVISOR.UserName refrences USER.User.iD

- $PAYABLE$ ($\underline{Id}$)

- $THESIS$ ($\underline{Serial\_number}, Start\_date, End\_date, Duration, Type, Field, Seminar\_date$, $Number\_of\_extension, \underline{Student\_id}, \underline{Supervisor\_id}, \underline{Payable\_id}$)
  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* (<u>*Thesis_number*</u>, <u>*Supervisor_id*</u>)

  CO_SUPERVISED.Thesis_number references THESIS.Serial_number
  CO_SUPERVISED.Supervisor_id references SUPERVISOR.Id

- *REPORT* (<u>*Serial_number*</u>, <u>*Date*</u>, *Description*, *Progress_state*)

  REPORT.Serial_number seferences THESIS.Serial_number

- *EVALUATED* (<u>*Thesis_number*</u>, <u>*Date*</u>, <u>*Supervisor_id*</u>, *Evaluation*)

  EVALUATED.Thesis_number refrences REPORT.Serial_number
  EVALUATED.Date refrences REPORT.Date
  EVALUATED.Supervisor_id refrences SUPERVISOR.Id

- *DEFENSE* (<u>*Serial_number*</u>, *Date*, *Location*, *Grade*)

  DEFENSE.Serial_number references THESIS.Serial_number

- *EXAMINER* (<u>*Id*</u>, *Name*, *Field_of_study*, *Is_national*)

- *EXAMINED_BY* (<u>*Serial_number*</u>, <u>*Examiner_id*</u>, *Comments*)

  EXAMINED_BY.Serial_number references DEFENSE.Serial_number
  EXAMINED_BY.Examiner_id references EXAMINER.Id

- *PUBLICATION* (<u>*Id*</u>, *Date*, *Host*, *Place*, *Accepted*, *Payable_id*)

  PUBLICATION.Payable_id references Payable.id

- *PUBLISHED_FOR* (<u>*Thesis_number*, *Publication_id*</u>)

  PUBLISH.Thesis_number references THESIS.Serial_number
  PUBLISH.Publication_id references PUBLICATION.Id

- *COURSE* (<u>*ID*</u>, *Code*, *Credit_hours*, *Fees*, *Payable_id*)

  COURSE.Payable_id references PAYABLE.Id

- *TAKEN_BY* (<u>*Student_id*</u>, <u>*Course_id*</u>, *Grade*)

  TAKEN_BY.Student_id references NONGUCIAN.Id
  TAKEN_BY.CourseId references COURSE.Id

- *PAYMENT* (<u>*Id*</u>, *Fund_percentage*, *Num_of_installment*, *Total_amount*, <u>*PayableId*</u>, <u>*Student_id*</u>)

  PAYMENT.Payable_id refrences PAYABLE.Id
  PAYMENT.Student_id references STUDENT.Id

- $INSTALLMENT$ ($\underline{Payment\_id}$, $\underline{Date}$, $Amount$, $Status$)

  INSTALLMENT.Payment_id references PAYMENT.Id