Relational Schema

linear Depression

November 7, 2021

- $User\ (\underline{user\_name}, password)$

- $Admin\ (\underline{user\_name})$
  Admin.user_name refrences User.user_name

- $Student\ (\underline{id}, \underline{user\_name}, firstName, lastName, faculty, gpa, email, type, address)$
  Student.userName refrences User.userName

- $StudentsMobileNumbers\ (\underline{sid}, \underline{mobile\_number})$
  StudentsMobileNumbers.sid references Student.id

- $Gucian\ (\underline{sid}, guc\_id)$
  Gucian.sid references Student.id

- $NonGucian\ (\underline{sid})$
  NonGucian.sid references Student.id

- $Supervisor\ (\underline{id}, \underline{userName}, name, faculty, email)$
  Supervisor.userName refrences User.userName

- $Payable\ (\underline{id})$

- $Thesis\ (\underline{serial\_number}, start\_date, end\_date, duration, type, field, seminar\_date, number\_of\_extension, \underline{student\_id}, \underline{supervisor\_id}, \underline{payable\_id})$
  Thesis.student_id references Student.id
  Thesis.supervisor_id references Supervisor.id
  Thesis.payable_id references Payable.id

- $CoSupervised\ (\underline{thesis\_number}, \underline{supervisor\_id})$
  CoSupervised.thesis_number references Thesis.serial_number

CoSupervised.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 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)*

- *ExaminedBy (<u>serial_number</u>, <u>examiner_id</u>)*
  ExaminedBy.serial_number references Defense.serial_number
  ExaminedBy.examiner_id references Examiner.id

- *Publication (<u>id</u>, date, host, place, accepted, payable_id)*
  Publication.payable_id references Payable.id

- *Publish (<u>student_id</u>, <u>thesis_number</u>, <u>publication_id</u>)*
  Publish.student_id references Student.id
  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

- *TakenBy (<u>student_id</u>, <u>course_id</u>)*
  TakenBy.student_id references NonGucian.id
  TakenBy.courseId references Course.id

- *Payment (<u>id</u>, fund_percentage, numo_of_installment, total_amount, payableId, student_id)*
  Payment.payable_id refrences Payable.id
  Payment.student_id references Student.id

- *Installment* ($\underline{\underline{payment\_id}}, \underline{date}, amount, status$)

  Installment.payment_id references Payment.id