User(Username, Password)

Admin(Admin\_ID, Admin\_username)

Admin.Admin\_username references User.

Supervisor(Supervisor\_ID, Supervisor\_username, Name, E-mail, Faculty)

Supervisor.Supervisor\_username references User.

Student(Student\_ID, Student\_username, First\_name, Last\_name, GPA, Faculty, Address, E-mail, Type)

Student.Student\_username references User.

Student\_Contact(Student\_ID, Student\_username, mobile\_numbers)

Student\_Contact.Student\_ID references Student.

Student\_Contact.Student\_username references Student.

GUCian(Undergraduate\_ID, Student\_ID, Student\_username)

GUCian.Student\_ID references Student.

GUCian.Student\_username references Student.

Non-GUCian(Student\_ID, Student\_username)

Non-GUCian.Student\_ID references Student.

Non-GUCian.Student\_username references Student.

Course(Course\_ID, Code, Credit\_hours, Fee)

Take(Course\_ID, Student\_ID, Student\_username)

Take.Course\_ID references Course.

Take.Student\_ID references Non-GUCian.

Take.Student\_username references Non-GUCian.

Thesis(Serial\_number, type, number\_of\_extensions, seminar\_date, Number\_of\_years, Field, Title, Start\_date, End\_date)

Where Thesis.Number\_of\_years = (Thesis.End\_date - Thesis.Start\_date)

Defence(Defence\_Date, Serial\_number, Grade, Location)

Defence.Serial\_number references Thesis.

Examiner(Examiner\_ID, Date, Serial\_number, Name, Field, Nationality)

Examiner.Date references Defence.

Examiner.Serial\_number references Defence.

Evaluate(Examiner\_ID, Date, Serial\_number, Comments)

Evaluate.Examiner\_ID references Examiner.

Examiner.Date references Defence.

Examiner.Serial\_number references Defence.

Payment(Payment\_ID, Serial\_number, Total\_amount, Fund\_percentage, Number\_of\_Installments).

Payment.Serial\_number references Thesis.

Installment(Installment\_Date, Payment\_ID, Status, Amount)

Installment.Payment\_ID references Payment.

Publication(Publication\_number,Student\_username, Payment\_ID, Student\_ID, Title, Status, Date, Location, Host)

Publication.Payment\_ID references Payment.

Publication.Student\_ID references Student.

Publication.Student\_username references Student.

Belongs(Publication\_number, Serial\_number)

Belongs.Publication\_number references Publication.

Belongs.Serial\_number references Thesis.

Pay(Course\_ID, Payment\_ID, Student\_ID, Student\_username)

Pay.Course\_ID references Course.

Pay.Payment\_ID references Payment.

Pay.Student\_ID references Student.

Pay.Student\_username references Student.

Fill(Report\_number,Student\_ID, Student\_username, Serial\_number)

Fill.Report\_number references Progress Report.

Fill.Student\_ID references Student.

Fill.Student\_username references Student.

Fill.Serial\_number references Thesis.

Supervises(Student\_ID, Student\_username, Serial\_number, Supervisor\_ID, Supervisor\_username)

Supervises.Student\_ID references Student.

Supervises.Student\_username references Student.

Supervises.Serial\_number references Thesis.

Supervises.Supervisor\_ID references Supervisor.

Supervises.Supervisor\_username references Supervisor.

Progress\_Report(Report\_number, Serial\_number, Student\_ID, Student\_username, Supervisor\_ID, Progress\_state, Evaluation, Date, Description)

Progress\_Report.Serial\_number references Thesis.

Progress\_Report.Student\_ID references Student.

Progress\_Report.Student\_username references Student.

Progress\_Report.Supervisor\_ID references Supervisor.