



# Institute of Software Engineering

## Graduate Diploma in Software Engineering

### Final Examination (Practical)

### ITS1018 – Database Programming

#### Instructions:

1. You have 4 Hours to complete the tasks.
2. You are allowed to use your laptop for this task.
3. Submit your GitHub link before the due time.

You are asked to develop a student management system for IJSE and you have been provided with the following ER Diagram.

When a student registers, he/she gets registered to a given course in the specific intake. (Ex. “The GDSE Program of the September 2022”)

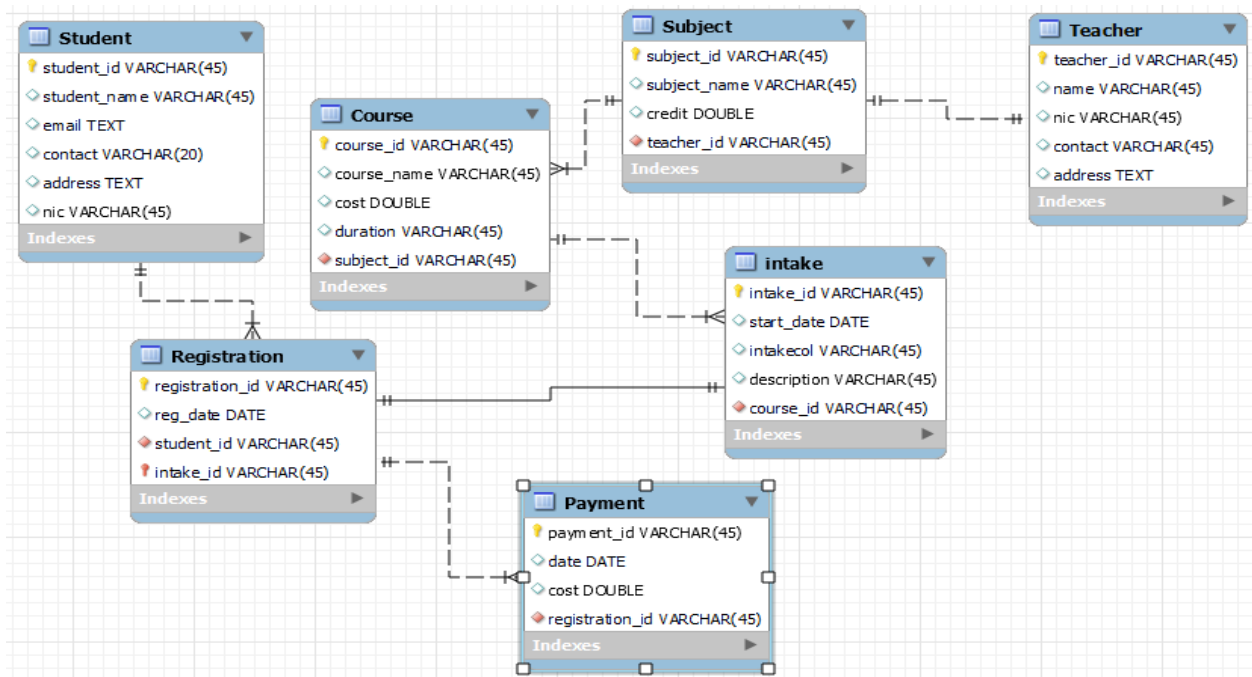


Diagram 0.1

#### Tasks:

1. Create a database named “ijse” and implement all the tables mentioned. (20 Marks)
2. Add some sample data to the above database. (20 Marks)
3. Create the UI to manage students and implement the basic CRUD operations. (60 Marks)