SCHOOL OF BUSINESS SCIENCES

MILESTONE 2

Design Phase

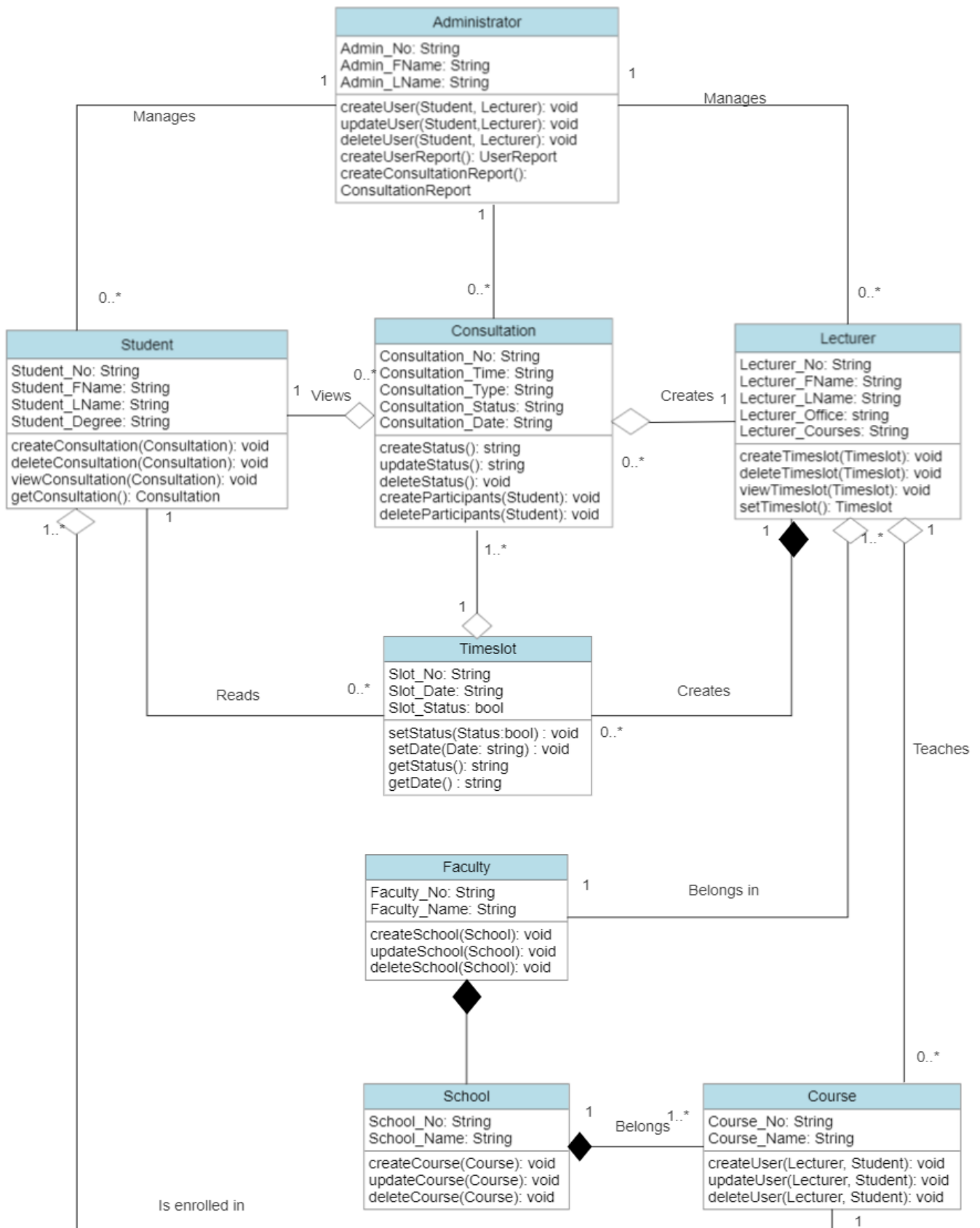**OMNILERTPRIME**

PRIME TECH THAT EMPOWERS YOU

PROJECT *#OMNiConnect*

PREPARED BY

GROUP 8

TEAM MEMBERS

Names	Student Numbers
	1

ENTITY RELATIONSHIP DIAGRAMS:
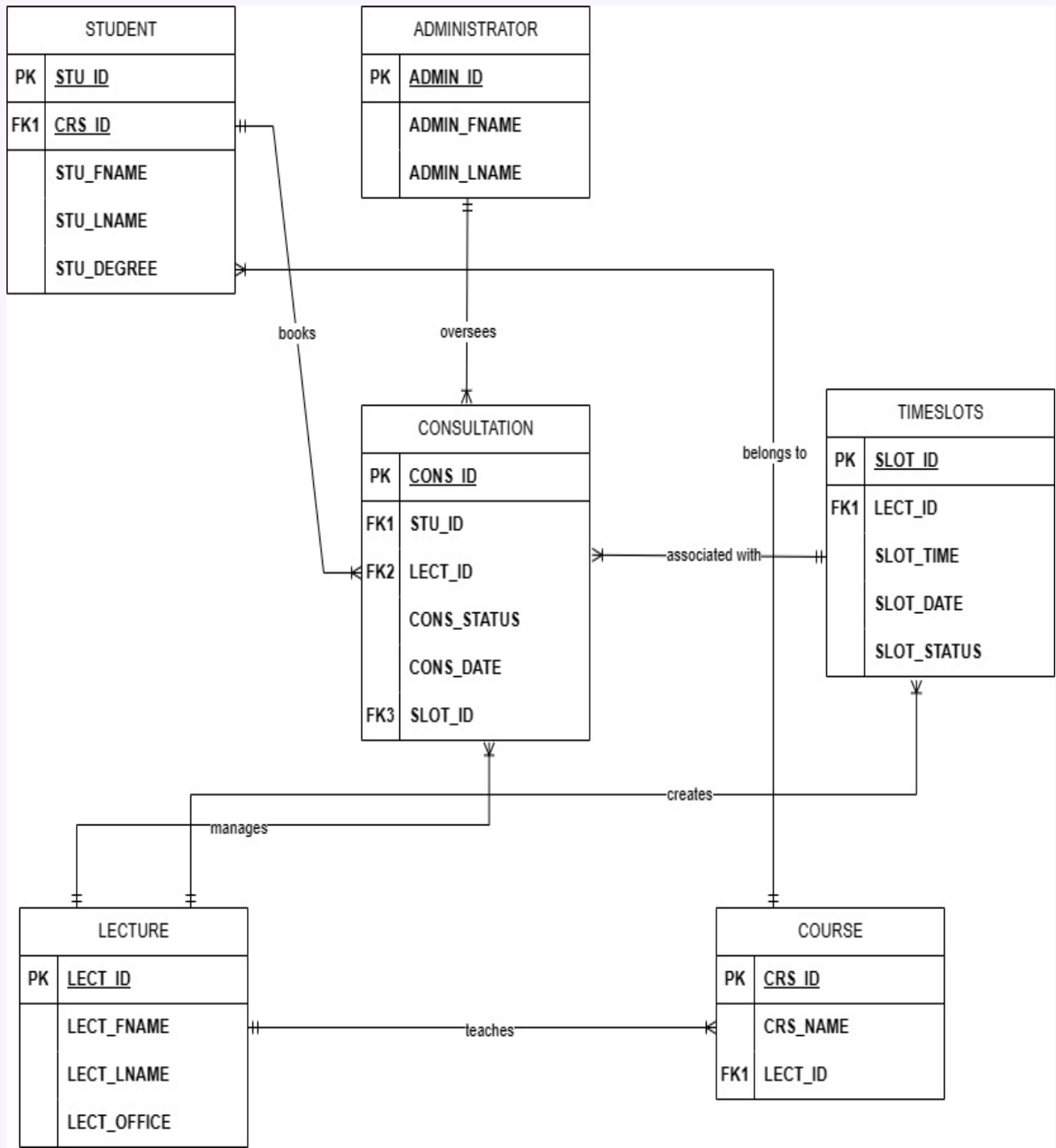
DOMAIN CLASS DIAGRAM:

Data Dictionary:

Table : Student
Scope : Data about the students that are involved in booking a consultation with a lecturer. The table stores attributes of objects pertaining to the class "Student".

Student_No
Description: Unique identifier for each respective student on the university database
Type : Large Number
Format : Primary Key
Note: No non-numeric values as this is the primary key.

CRS_ID
Description: Unique identifier for each respective course on the university database
Type : Large Number
Format : Foreign Key
Note: Foreign Key inherited from Course Table

Student_FName
Description: The first name of the student
Type : Short Text
Format : N/A
Note: First name of the student booking the consultation

Student_LName
Description: The last name of the student
Type : Short Text
Format : N/A
Note: The last name of the student booking the consultation

Student_Degree
Description: The classification name of the degree that the student is registered for.
Type : Short Text
Format : N/A
Note: Degree name

Table : Timeslot
Scope : Data about timeslots that are involved in the consultation booking process. The table stores attributes of objects pertaining to the class "Timeslot".

Slot_ID
Description: Unique identifier for each respective timeslot
Type : Large Number
Format : Primary Key
Note: No non-numeric values as this is the primary key.

Lect_ID
Description: Unique identifier for each respective lecturer on the university database
Type : Large Number
Format : Foreign Key
Note: Foreign Key inherited from Lecture Table

Slot_Time
Description: The exact time associated with the time slot
Type : Date/Time
Format : hh:mm AM/PM
Note: Date

Slot_Date
Description: The date associated with the time slot
Type : Date/Time
Format : dd/mm/yyyy
Note: Date

Slot_Status
Description: Timeslot status regarding whether it is available for booking or not
Type : Yes/No
Format : N/A
Note: Boolean value checking whether a booking is available (Yes) or if it is unavailable (No).

Table : Administrator
Scope : Data about the administrators that are involved in overseeing the bookings made by students with a lecturer. The table stores attributes of objects pertaining to the class "Administrator".

Admin_ID
Description: Unique identifier for each respective administrator on the university database
Type : Large Number
Format : Primary Key
Note: No non-numeric values as this is the primary key

Admin_FName
Description: The first name of the administrator
Type : Short Text
Format : N/A
Note: First name of the administrator overseeing the booking of the consultations

Admin_LName
Description: The last name of the administrator
Type : Short Text
Format : N/A
Note: The last name of the administrator overseeing the booking of the consultations

Table : Course
Scope : Data about the courses that a student can consult for . The table stores attributes of objects pertaining to the class "Course".

Crs_ID
Description: Unique identifier for each respective course on the university database
Type : Large Number
Format : Primary Key
Note: No non-Numeric values as this is the primary key

Crs_Name
Description: The name associated with the course
Type : Short Text
Format : N/A
Note: Name of the course that the student is registered for.

Lect_ID
Description: Unique identifier for each respective Lecturer on the university database
Type : Large Number
Format : Foreign Key
Note: Foreign Key inherited from the Lecturer table.

Table : Lecturer
Scope : Data about the lecturers that are to be booked by the students. The table stores attributes of objects pertaining to the class "Lecturer".

Lect_ID
Description: Unique identifier for each respective lecturer on the university database
Type : Large Number
Format : Primary Key
Note: No non-Numeric values as this is the primary key

Lect _FName
Description: The first name of the lecturer
Type : Short Text
Format : N/A
Note: First name of the lecturer to be booked for consultation by students

Lect_LName
Description: The last name of the lecturer
Type : Short Text
Format : N/A
Note: The last name of the lecturer to be booked for consultation by students

Lect_Office
Description: The office number of the lecturer
Type : Short text

Format : N/A
Note: The office number of the lecturer to be booked by the students

Table : Consultation
Scope : Data about the consultation, its time , date and number. The table stores attributes of objects pertaining to the class "Consultation".

Cons_ID
Description: Unique identifier for each consultation that takes place
Type : Large Number
Format : Primary Key
Note: No non-Numeric values as this is the primary key

Stu_ID
Description: Unique identifier for each respective student on the university database
Type : Large Number
Format : Foreign Key
Note: Foreign Key inherited from the Student table.

Lect_ID
Description: Unique identifier for each respective lecturer on the university database
Type : Large Number
Format : Primary Key
Note: No non-Numeric values as this is the primary key

Cons_Status
Description: The status of your booking for the consultation.
Type : Short Text
Format : N/A
Note: A text notifying you of your booking's status.

Cons_Date
Description : The date associated with the consultation
Type : Date/Time
Format : dd/mm/yyyy
Note: Date

Slot_ID
Description: Unique identifier for each respective timeslot
Type : Large Number
Format : Foreign Key
Note: Foreign Key inherited from the Timeslot table

Team Sign Off

No.1	Student Numbers	First Name	Last Name	Signatures
2				
3				
4				
5				
6				