Abstract:

1. Create a Student table
2. Create the Subjects table
3. Create the Lecturers table
4. Create Fee structure table
5. Create departments table

Come up with the different fields each of these tables may hold and a Schema diagram.

Need to plan on the Primary key and the Foreign keys.

The association between them to be decided!

**STUDENT TABLE**

|  |  |
| --- | --- |
| **FIELDS** | **DATA TYPE** |
| Student id  (Primary key) | Int |
| First name | Varchar() |
| Last name | Varchar() |
| DOB | Date |
| Email | Varchar() |
| Contact\_No | int |
| Department\_Id (Foreign Key)  (DEPARTMENT) | Int |

**SUBJECT TABLE**

|  |  |
| --- | --- |
| **FIELDS** | **DATA TYPE** |
| Subject Id  (Primary key) | Int |
| Subject Name | Varchar() |

**LECTURE TABLE**

|  |  |
| --- | --- |
| **FIELDS** | **DATA TYPE** |
| Lecturer id  (Primary key) | Int |
| First name | Varchar () |
| Last name | Varchar () |
| Address | Varchar () |
| Email | Varchar() |
| Contact No | Int |
| Subject Id  (Foreign Key )  (SUBJECT) | int |

**FEE TABLE**

|  |  |
| --- | --- |
| **FIELDS** | **DATA TYPE** |
| Fee Id  (Primary key) | Int |
| Fee Type | Varchar() |
| Amount | Int |
| Department Id  (Foreign Key) | Int |

**DEPARTMENT TABLE**

|  |  |
| --- | --- |
| **FIELDS** | **DATA TYPE** |
| Department Id  (Primary Key) | Int |
| Department Name | Varchar() |
| Lecturer id  (Foreign key)  (LECTURE) | Int |

**ER DIAGRAM**

***STUDENTS***

**Student id**

First name

Last name

DOB

Email

Contact No

Department Id

Teaches

***SUBJECTS***

**Subject Id**

Subject Name

Includes

***LECTURER***

**Lecturer id**

First name

Last name

Address

Email

Contact No

Subject Id

***DEPARTMENT***

**Department Id**

Department Name

Lecturer\_id

Teaches

***FEES***

**Fee Id**

Department Id

Fee Type

Amount

Has