|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Name | Surname | Reg\_number | program | Department | email\_address | Physical\_address | contact | gender | password |

Create table Students(

Name varchar(20),

Surname varchar(20),

Reg\_number char(8),

Program varchar(30),

Department varchar(30),

Email\_address varchar(50),

Physical\_address Text,

Contact varchar(17),

Gender varchar(6),

Password text,

PRIMARY KEY(Reg\_number)

);

Lectures

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Title | Name | Surname | staff\_id | department | Email\_address | Contact | Role | Password |

Create table ***Lecturers***(

Title varchar(10),

Name varchar(30),

Surname varchar(30),

Staff\_id char(6),

Department varchar(30),

Email\_address varchar(30),

Contact varchar(17),

Role varchar(20),

Status varchar(7),

Gender varchar(6),

Password text,

PRIMARY KEY(Staff\_id)

);

PROJECTS

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Project\_id | Year | level | Project\_title | Project\_description | Department |

Create table Projects(

Project\_id char(10),

Year char(9),

Level char(6),

Project\_title varchar(100),

Project\_description text,

Department varchar (50),

Supervisor varchar(100),

Stage varchar(100),

PRIMARY KEY(Project\_id)

);

PROJECT FILES

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Project\_id | File\_id | File\_name | File\_description | File\_path |

Create table Projects\_Files(

Project\_id char(10),

File\_id INT NOT NULL AUTO\_INCREMENT,

File\_name varchar(20),

File\_description varchar(100),

File\_path varchar(255),

PRIMARY KEY(File\_id ,Project\_id),

FOREIGN KEY(Project\_id) REFERENCES Projects(Project\_id)

);

DEVELOPERS

|  |  |  |  |
| --- | --- | --- | --- |
| Project\_id | Reg\_number |  |  |

Create table project\_developers(

Project\_id char(10),

Reg\_number char(8),

PRIMARY KEY (Project\_id),

FOREIGN KEY (Project\_id) REFERENCES Projects(Project\_id),

FOREIGN KEY(Reg\_number) REFERENCES Students(Reg\_number)

);

ASSESSMENT DETAILS

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Assessment\_id | Period | Department | level | Assessment\_title | Proposed\_date | Status | Assessment\_date |

Assessment\_id uniquely identifies an assessment

Assessment\_title denotes the stage name eg proposals, concepts development.

Status show whether the particular assessment have been carried out or not

Assessment\_date show the date when the assessment have the carried out.

Proposed date show the proposed date.

Create table Assessment\_details(

Assessment\_id INT NOT NULL AUTO\_INCREMENT,

Assessment\_title varchar(50),

Assessment\_objectives Text,

Year varchar (9),

Department varchar(30),

Proposed\_date Date,

Status varchar (15),

Assement\_date Date,

PRIMARY KEY (Assessment\_id)

);

ASSESSMENT ITEMS

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Assessment\_id | Item\_id | Item | Item\_mark | Description |

‘’’

Item id uniquely identifies the item.

Item mark denotes the mark of the item e.g Dressing 50 marks,

Descriptions holds the expectations of the item

‘’

Create table Assessment\_items(

Assessment\_id INT,

Item\_id INT NOT NULL AUTO\_INCREMENT,

Item varchar(50),

Item\_mark INT,

Description text,

PRIMARY KEY(Item\_id),

FOREIGN KEY(Assessment\_id) REFERENCES Assessment\_details(Assessment\_id)

);

ASSESSMENT MARKS

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Staff\_id | Project\_id | Stage | Item\_id | mark | comment |

Create table Assessment\_marks(

Staff\_id char(6),

Project\_id char(10),

Assessment\_id int

Item\_id int,

Mark Double,

Comment text,

PRIMARY KEY(Stage),

FOREIGN KEY(Staff\_id) REFERENCES Lecturers(Staff\_id)

FOREIGN KEY(Project\_id) REFERENCES Projects(Project\_id)

FOREIGN KEY(Assessment\_id) REFERENCES Assessment\_details(Assessment\_id),

FOREIGN KEY(Item\_id) REFERENCES Assessment\_items(Item\_id)

) ;

LECTURER ASSESSMENT

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Staff\_id | Reg\_number | Project\_id | Total\_mark | Out\_of | Total\_percentage |

‘’’ This table compiles each lectures assessment marks of a project

Create table stage\_mark(

Stage\_mark INT NOT NULL AUTO\_INCREMENT

Staff\_id char(6),

Project\_id char(6),

Total\_mark double,

Out\_of Int,

Total\_percentage int,

PRIMARY KEY(Stage\_mark),

FOREIGN KEY(Staff\_id) REFERENCES Lectures(Staff\_id)

FOREIGN KEY(Project\_id) REFERENCES Projects(Project\_id)

);

Create table Final\_stage\_mark

Stage\_mark INT NOT NULL AUTO\_INCREMENT

Project\_id char(6),

Total\_mark double,

Out\_of Int,

Total\_percentage int,

PRIMARY KEY(Stage\_mark)

FOREIGN KEY(Project\_id) REFERENCES Projects(Project\_id)

);

Student\_marks

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Reg\_number | Project\_id | Total\_avg\_marks | Out\_of | Total\_percentage |

Create table Student\_marks(

Reg\_number char(8),

Project\_id char(6),

Total\_avg\_marks int,

Out\_of int,

Total\_percentage double,

FOREIGN KEY(Reg\_number) REFERENCES Students(Reg\_number),

FOREIGN KEY(Project\_id) REFERENCES Projects(Project\_id)

);

// for hit200 student group

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Thread\_id | Message\_id | Date | Time | message | From | To |

Create table chats(  
 Thread\_id int NOT NULL AUTO\_INCREMENT,

Message\_id text,

Message\_Date date,

Message\_time time,

Message text,

From text,

To text,

PRIMARY KEY(Thread\_id)

);

// lecture to lectures /students to supervisors

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Audience | Notification\_id | Date | Time | Notification | Sender |

Create table notications(  
 Audience varchar(10),

Notification\_id int Not Null AUTO\_INCREMENT,

Notification\_date date,

Notification\_time time,

Notification text,

Sender varchar(15)

);

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Period | Course\_code | Stage | Department | Assessment\_id | Status |

Create table assessment\_details(

Period varchar(9),

Course\_code char(6),

Stage varchar(20),

Assessment\_id int NOT NULL AUTO INCREMENT,

Status char(6),

PRIMARY KEY (Assessment\_id)

);

|  |  |  |  |
| --- | --- | --- | --- |
| Assessment\_id | Item\_assessed | Out\_of | Line\_id |

Create table assessment\_lines(

Assessment\_id int,

Item\_assessed varchar(50),

Out\_of int,

Line\_id int NOT NULL AUTO INCREMENT,

PRIMARY KEY (Line\_id),

FOREIGN KEY Assessment\_id REFERENCES assessment\_details(Assessment\_id)

);

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Assessment\_id | Student\_id | Lecturer\_id | Assessment\_date | Overall\_comment | Authorization\_id |

Create table lecturer\_assessment(

Assessment\_id int,

Student\_id char(8),

Lecturer\_id char(8),

Assessment\_date Date,

Overall\_comment Text,

Authorization\_id char(5),

PRIMARY KEY(Authorization\_id)

FOREIGN KEY(Assessment\_id) REFERENCES assessment\_lines(Assessment\_id)

):

|  |  |  |  |
| --- | --- | --- | --- |
| Authorization\_id | Line\_id | Mark | Line\_comment |

Create table assessment\_marks(

`

Authorization\_id char(5),

Line\_id int,

Mark int,

Line\_comment Text,

FOREIGN KEY(Authorization\_id) REFERENCES lecturer\_assessment(Authorization\_id)

);

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Reg\_number | Assessment\_id | Item\_assessed | Total\_marks | Out\_of | Total\_% | Overall\_comment |

Create table assessment(

Reg\_number char(8),

Assessment\_id int

Item\_assessed varchar(50),

Total\_marks int,

Out\_of int,

Total\_%,

Overall comment text,

FOREIGN KEY Reg\_number REFERENCES Students(Reg\_number),

FOREIGN KEY Assessment\_id REFERENCES assessment\_details(Assessment\_id)

);