User

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| UID | username | password | Fname | LName | Address | Date\_Birth | User\_type |

Primary Key(UID)

Student

|  |  |
| --- | --- |
| SID(FK) | DID(FK) |

Primary Key(SID)

Instructor

|  |  |  |  |
| --- | --- | --- | --- |
| InsID(FK) | Salary | Hire\_Date | DID(FK) |

Primary Key(InsID)

Department

|  |  |  |
| --- | --- | --- |
| DID | DName | Manager\_ID(FK) |

Primary Key(DID)

Course

|  |  |  |
| --- | --- | --- |
| CID | CName | CDuration |

Primary Key(CID)

Topic

|  |  |
| --- | --- |
| CID(FK) | TName |

Primary Key(CID, TName)

Question

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| QID | Description | Type | Model\_Answer | CID(FK) |

Primary Key(QID)

Choices

|  |  |  |
| --- | --- | --- |
| QID(FK) | Choice | Description |

Primary Key(QID, Choice)

Exam

|  |  |  |
| --- | --- | --- |
| EID | EDuration | Exam\_Date |

Primary Key(EID)

Stud\_Course

|  |  |  |
| --- | --- | --- |
| SID(FK) | CID(FK) | Grade |

Primary Key(SID, CID)

Ins\_Course

|  |  |
| --- | --- |
| InsID(FK) | CID(FK) |

Primary Key(InsID, CID)

Exam\_Question

|  |  |
| --- | --- |
| EID(FK) | QID(FK) |

Primary Key(EID, QID)

Stud\_Exam\_Course

|  |  |  |
| --- | --- | --- |
| SID(FK) | EID(FK) | CID(FK) |

Primary Key(SID, EID)

Stud\_Exam\_Ques

|  |  |  |  |
| --- | --- | --- | --- |
| SID(FK) | EID(FK) | QID(FK) | St\_Answer |

Primary Key(SID, EID, QID)