Mapping

PK=Red

FK=Blue

Branch

|  |  |
| --- | --- |
| Name | ID |

Intake

|  |  |
| --- | --- |
| Name | ID |

Track

|  |  |
| --- | --- |
| Name | ID |

Student

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| GraduationYear | Password | Email | LName | FName | ID |

Instructor

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Password | Email | LName | FName | ID |

TrainingManager

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Password | Email | LName | FName | ID |

Course

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Description | MaxDegree | MinDegree | Name | ID |

Exam

|  |
| --- |
| ID |
| Name |
| StartTime |
| EndTime |
| TotalTime |
| TotalDegree |
| Normal |
| Corrective |
| NumberQuestions |

Question

|  |
| --- |
| ID |
| Text\_Question |
| CorrectAnswerTextQuestion |
| ChooseAnswerQuestion |
| CorrectAnswerChooseQuestion |
| True/False |
| CorrectAnswerT/FQuestion |
| Course\_ID |

StudentCourse(Composite Primary Key)

|  |  |
| --- | --- |
| Course\_ID | ID |

StudentRegistration (Composite Primary Key)

|  |  |  |  |
| --- | --- | --- | --- |
| Intake\_ID | Track\_ID | Branch\_ID | Student\_ID |

TrainingManagerManage (Composite Primary Key)

|  |  |  |  |
| --- | --- | --- | --- |
| Intake\_ID | Track\_ID | Branch\_ID | TrainingManager\_ID |

InstructorBelong (Composite Primary Key)

|  |  |  |  |
| --- | --- | --- | --- |
| Intake\_ID | Track\_ID | Branch\_ID | Instructor\_ID |

InstructorCourse (Composite Primary Key)

|  |  |
| --- | --- |
| Course\_ID | Instructor\_ID |

CourseExam (Composite Primary Key)

|  |  |
| --- | --- |
| Course\_ID | Exam\_ID |

ExamQuestions (Composite Primary Key)

|  |  |  |  |
| --- | --- | --- | --- |
| QuestionType | QuestionGrade | Question\_ID | Exam\_ID |

StudentExamQuestion (Composite Primary Key)

|  |
| --- |
| Student\_ID |
| Exam\_ID |
| Question\_ID |
| Questions\_result |
| Std\_Answer\_Text\_Question |
| Std\_Answer\_Choose\_Question |
| Std\_Answer\_True\_or\_False |