|  |  |  |  |
| --- | --- | --- | --- |
| **Employer**  Employee ID: Key Attribute  Name: Stored Attribute  Department: Stored Attribute  PRIMARY KEY: Employee ID | **Advisor**  AdvisorID: Key Attribute  Name: Stored Attribute  Department: Stored Attribute  Salary  PRIMARY KEY: AdvisorID | **Instructor**  InstructorID: Key Attribute  FirstName  LastName  Department: Stored Attribute  EnrollmentType  PRIMARY KEY: InstructorID | **CourseSignUp**  SignupID: Key Attribute  CourseID  InstructorID  StartDate: Derived Attributes  EndDate: Derived Attributes  PRIMARY KEY: SignupID  FOREIGN KEY: CourseID, Instructor ID |
| **Course**  CourseID: Key Attribute  Name: Stored Attribute  Description  PRIMARY KEY: CourseID | **Schedule**  ScheduleID: Key Attribute  CourseID  DayofWeek  StartTime: Derived Attribute  EndTime: Derived Attribute  PRIMARY KEY: ScheduleID  FOREIGN KEY: CourseID | **Registration**  RegistrationID: Key Attribute  ScheduleID  TechID  StartDate: Derived Attribute  EndDate: Derived Attribute  PRIMARY KEY: RegistrationID  FOREIGN KEY: ScheduleID, TechID | **Student**  TechID: Key Attribute  FirstName  LastName  AdvisorID  EnrollmentStatus  StudyYear: Derived Attribute  PRIMARY KEY: TechID  FOREIGN KEY: AdvisorID |
| **Payment**  PaymentID: Key Attribute  Account type  Routing number  TechID  PRIMARY KEY: PaymentID  FOREIGN KEY: TechID | **Position**  PositionID: Key Attribute  TechID  EmployerID  Title Description  BaseSalary  PRIMARY KEY: PositionID  FOREIGN KEY: TechID, EmployerID |  |  |

\*\*\*\*Required and Optional values are defined while creating tables using NULLs and NOT NULLs. \*\*\*