Trevor Vieth

Student

Join Club

Join Team

Pick Project

Request Project

Member

Client

Team

-

memberName

-

memberName

Coding Club

-

memberName

-

memberName

Member

-

memberName

-

memberName

Client

-

memberName

-

memberName

Project

-

memberName

-

memberName

**Student**

**Member**

**Team**

**Project**

**Client**

Becomes

Joins

Assigned

Requets

Works on/Completes

Provides all info

Approved

Delivery

New members joins

Form/join teams

Teams select/

assigned project

Contact with client

Begin project

|  |  |
| --- | --- |
| Member  Team  Project  Client  StudentID  PK  Team ID  FK  SName  TeamID  PK  ProjectID  FK  Team Name  ProjectID  PK  ClientID  FK  TeamID  FK  ClientID  PK  Name  Contact Info  Address  CREATE TABLE PUBLIC.MEMBER (  STUDENTID VARCHAR(25) NOT NULL,  SNAME VARCHAR(25),  MINIT CHAR(1),  ADDRESS VARCHAR(50),  CONTACTINFO VARCHAR(50),  PRIMARY KEY (STUDENTID)  ;  )  Contact Info  CREATE TABLE PUBLIC.TEAM (  TEAMID VARCHAR(25) NOT NULL,  PROJECTID VARCHAR(50),    TEAMNAME VARCHAR(25),  MINIT CHAR(1),  PRIMARY KEY (STUDENTID)  FOREIGN KEY (PROJECTID)  )  ; |  |
| |  | | --- | | CREATE TABLE PUBLIC.PROJECT (  PROJECTID VARCHAR(25) NOT NULL,  TEAMID VARCHAR(50),  CLIENTID VARCHAR(50),  PRIMARY KEY (PROJECTID)  FOREIGN KEY (CLIENTID)  FOREIGN KEY (TEAMID)  ); |  |  | | --- | | CREATE TABLE PUBLIC.CLIENT (  CLIENTID VARCHAR(25) NOT NULL,  CLIENTNAME VARCHAR(25),  MINIT CHAR(1),  CONTACTINFO VARCHAR(25),  PRIMARY KEY (CLIENTID)  ); | |