**Users Table:**

Columns: user\_id (Primary Key), username, password, email, role (e.g., student, mentor)

|  |
| --- |
| **users** |
| user\_id\* |
| username |
| password |
| email |
| role |

CREATE TABLE Users (

user\_id INT AUTO\_INCREMENT PRIMARY KEY,

username VARCHAR(50) NOT NULL,

password VARCHAR(255) NOT NULL,

email VARCHAR(100) UNIQUE,

role ENUM('student', 'mentor', 'admin') NOT NULL

);

**Codekata Table:**

Columns: codekata\_id (Primary Key), title, description, date, duration, user\_id (Foreign Key to Users table), score

|  |
| --- |
| **codekata** |
| codekata\_id\* |
| title |
| description |
| date |
| user\_id |
| score |

CREATE TABLE Codekata (

codekata\_id INT AUTO\_INCREMENT PRIMARY KEY,

title VARCHAR(100) NOT NULL,

description TEXT,

date DATE,

duration TIME,

user\_id INT,

score INT,

FOREIGN KEY (user\_id) REFERENCES Users(user\_id)

);

**Attendance Table:**

Columns: attendance\_id (Primary Key), user\_id (Foreign Key to Users table), date, status (e.g., present, absent)

|  |
| --- |
| **attendance** |
| attendance\_id\* |
| date |
| status |
| user\_id |

CREATE TABLE Attendance (

attendance\_id INT AUTO\_INCREMENT PRIMARY KEY,

user\_id INT,

date DATE,

status ENUM('present', 'absent') NOT NULL,

FOREIGN KEY (user\_id) REFERENCES Users(user\_id)

);

**Topics Table:**

Columns: topic\_id (Primary Key), title, description, user\_id (Foreign Key to Users table)

|  |
| --- |
| **topics** |
| topic\_id\* |
| title |
| description |
| topic\_date |
| user\_id |

CREATE TABLE Topics (

topic\_id INT AUTO\_INCREMENT PRIMARY KEY,

title VARCHAR(100) NOT NULL,

description TEXT,

user\_id INT,

FOREIGN KEY (user\_id) REFERENCES Users(user\_id)

);

**Tasks Table:**

Columns: task\_id (Primary Key), title, description, due\_date, user\_id (Foreign Key to Users table)

|  |
| --- |
| **tasks** |
| task\_id\* |
| title |
| description |
| t\_comp\_date |
| user\_id |

CREATE TABLE Tasks (

task\_id INT AUTO\_INCREMENT PRIMARY KEY,

title VARCHAR(100) NOT NULL,

description TEXT,

due\_date DATE,

user\_id INT,

FOREIGN KEY (user\_id) REFERENCES Users(user\_id)

);

**Company Drives Table:**

Columns: drive\_id (Primary Key), title, description, date, user\_id (Foreign Key to Users table)

|  |
| --- |
| **company\_drives** |
| drive\_id\* |
| title |
| description |
| date |
| user\_id |

CREATE TABLE CompanyDrives (

drive\_id INT AUTO\_INCREMENT PRIMARY KEY,

title VARCHAR(100) NOT NULL,

description TEXT,

date DATE,

user\_id INT,

FOREIGN KEY (user\_id) REFERENCES Users(user\_id)

);

**Mentors Table:**

Columns: mentor\_id (Primary Key), name, email, phone

|  |
| --- |
| **mentors** |
| mentor\_id\* |
| name |
| email |
| phone |

CREATE TABLE Mentors (

mentor\_id INT AUTO\_INCREMENT PRIMARY KEY,

name VARCHAR(100) NOT NULL,

email VARCHAR(100) UNIQUE,

phone VARCHAR(20)

);