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CO600:

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Database SQL Overview

User Tables

CREATE TABLE User

(

    userID INT NOT NULL AUTO_INCREMENT,

    username VARCHAR(30) UNIQUE NOT NULL,

    password CHAR(128) NOT NULL,

    email VARCHAR(30) UNIQUE NOT NULL,

    PRIMARY KEY (userID)

);

Anon User Table

CREATE TABLE Anon_User

(

    userID INT NOT NULL AUTO_INCREMENT,

    username VARCHAR(30)

    UNIQUE NOT NULL, lobby INT NOT NULL,

    PRIMARY KEY (userID),

    FOREIGN KEY (lobby) REFERENCES Lobby(lobbyID)

);

Lobby Table

```
CREATE TABLE Lobby
(
        lobbyID INT NOT NULL AUTO_INCREMENT,
        title VARCHAR(30) NOT NULL,
        creator VARCHAR(30) NOT NULL,
        password CHAR(128),
        game INT NOT NULL,
        PRIMARY KEY (lobbyID),
        FOREIGN KEY (creator) REFERENCES Users(userID) );
```

Game Table

```
CREATE TABLE Game
(
        gameID INT NOT NULL AUTO_INCREMENT,
        creatorID INT NOT NULL,
        name VARCHAR(64) NOT NULL,
        date_created TIMESTAMP NOT NULL,
        PRIMARY KEY (gameID),
        FOREIGN KEY (creatorID) REFERENCES Users(userID)
);
```