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CO600: API - Game

14 January 2016

API Functions: Game

Table Creation

```sql
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)
        );
```

Select Information

Select title, creator, game from LobbyID

- SELECT title, creator, game FROM Lobby WHERE lobbyID='?';
- url/getFromLobbyID?lobby=1321
- app.get("/getFromLobbyID",function(req,res){ //lobby would be passed connection.query('SELECT title, creator, game FROM Lobby WHERE lobbyID='req.lobby');

Select title, lobbyID, game from Creator

- SELECT title, lobbyID, game FROM Lobby
- WHERE Creator='?'; url/getFromCreator?creator=alex
- app.get("/getFromCreator",function(req,res){ //creator would be passed connection.query('SELECT title, lobbyID, game FROM Lobby WHERE lobbyID='req.creator');

Inserting Information

Inserting a New Record

- INSERT INTO Lobby(title, password, game, creator) VALUES('?', '?', '?', '?');
- *url/newLobbytitle=fredLobby&password=pass&game=quiz&creator=alex*
- app.get("/newLobby",function(req,res){ //title, password, game and creator passed connection.query('INSERT INTO Lobby(title, password, game, creator) VALUES('req.title', 'req.password', 'req.game', 'req.creator');

Inserting New Password on lobbyID

- INSERT INTO Lobby(password) VALUES('?', '?', '?'), WHERE lobbyID ='?';
- url/newLobbyPassword?password=pass123&lobbyID=lobby1321
- app.get("/newLobby",function(req,res){ //password and lobbyId passed connection.query('INSERT INTO Lobby(title, password, game, creator) VALUES('req.title', 'req.password', 'req.game', 'req.creator');

Inserting new Game on LobbyID

- INSERT INTO Lobby(game) VALUES('?', '?', '?'), WHERE lobbyID ='?';
- url/newLobbyGame?game=satanQuiz8
- app.get("/newLobby",function(req,res){ //title, password, game and creator passed connection.query('INSERT INTO Lobby(title, password, game, creator) VALUES('req.title', 'req.password', 'req.game', 'req.creator');

Inserting new Title on LobbyID

- INSERT INTO Lobby(title) VALUES('?'), WHERE lobbyID ='?';
- url/newLobbyTitle?title=fredLobby
- app.get("newLobbyTitle",function(req,res){ //title passed connection.query('INSERT INTO Lobby(title) VALUES(req.title), WHERE lobbyID ='req.lobbyID);