TestTaker Database Documentation

I’ve changed a couple of data type names. I also added the Test table like we talked about at the sprint planning meeting. Below is all the code I used to create them and fill them with test data. Feel free to take a look as you develop code for them.

-Also, don’t forget that you guys can make a where clause to limit the search when you’re going through databases. I just realized Megan was using a C# loop to go through the whole thing, but that kind of makes the database pointless. Here’s an example…

SELECT \* FROM Users WHERE USER\_NAME = 'user\_admin';

-Just in case, don’t forget that you can limit the search too by replacing the \* with a Variable name. For example…

SELECT PASSWORD FROM Users WHERE USER\_NAME = 'user\_admin';

CREATE TABLE Users(

USER\_NAME varchar(20) PRIMARY KEY,

PASSWORD varchar(20) NOT NULL,

ADMIN BIT NOT NULL

);

INSERT INTO Users VALUES('user\_loser','password',0);

INSERT INTO Users VALUES('user\_admin','Betterpassword',1);

CREATE TABLE Questions(

QUESTION\_ID int PRIMARY KEY,

CATEGORY varchar(20) NOT NULL,

TRUE\_FALSE BIT NOT NULL,

QUESTION\_TEXT varchar(100) NOT NULL,

ANS1 varchar(100),

ANS2 varchar(100),

ANS3 varchar(100),

ANS4 varchar(100)

);

INSERT INTO Questions VALUES(

1,

'Ducks',

0,

'What sound does a duck make?',

'The walls have eyes',

'Pikachu!',

'Kermit the frog here!',

'\*Quack!'

);

//Asterix in front of answer means it is the correct one.

INSERT INTO Questions(QUESTION\_ID,CATEGORY,TRUE\_FALSE,QUESTION\_TEXT) VALUES(

2,

'Ducks',

1,

'Does Donald Duck wear pants?'

);

//If there is no asterix before the question in a true/false question text then the answer is false.

CREATE TABLE Tests(

TEST\_TITLE varchar(20) NOT NULL,

QUESTION\_ID int,

FOREIGN KEY(QUESTION\_ID) REFERENCES Questions(QUESTION\_ID)

);

INSERT INTO Tests VALUES ('The Duck Test', 1);

INSERT INTO Tests VALUES ('The Duck Test', 2);