CSRMS Database Storage Procedures

Logan Gauchat

# Storage Procedures

## CreateUserAccount

CREATE PROCEDURE CreateUserAccount

@email VARCHAR(100),

@fname VARCHAR(50),

@lname VARCHAR(50),

@password VARCHAR(100)

AS

BEGIN

INSERT INTO [dbo].[UserAccounts] (email, fname, lname, password)

VALUES (@email, @fname, @lname, @password);

END;

## GetUserAccount

CREATE PROCEDURE GetUserAccount

@email VARCHAR(100)

AS

BEGIN

SELECT \*

FROM [dbo].[UserAccounts]

WHERE email = @email;

END;

## UpdateUserAccount

CREATE PROCEDURE UpdateUserAccount

@email VARCHAR(100),

@fname VARCHAR(50),

@lname VARCHAR(50),

@password VARCHAR(100)

AS

BEGIN

UPDATE [dbo].[UserAccounts]

SET fname = @fname,

lname = @lname,

password = @password

WHERE email = @email;

END;

## DeleteUserAccount

CREATE PROCEDURE DeleteUserAccount

@email VARCHAR(100)

AS

BEGIN

DELETE FROM [dbo].[UserAccounts]

WHERE email = email;

END;

## CreateCategory

CREATE PROCEDURE CreateCategory

@name VARCHAR(100)

AS

BEGIN

INSERT INTO [dbo].[Categories] (name)

VALUES (@name);

END;

## GetCategory

CREATE PROCEDURE GetCategory

@category\_id INT

AS

BEGIN

SELECT \*

FROM [dbo].[Categories]

WHERE category\_id = @category\_id;

END;

## UpdateCategory

CREATE PROCEDURE UpdateCategory

@category\_id INT,

@name VARCHAR(100)

AS

BEGIN

UPDATE [dbo].[Categories]

SET name = @name

WHERE category\_id = @category\_id;

END;

## DeleteCategory

CREATE PROCEDURE DeleteCategory

@category\_id INT

AS

BEGIN

DELETE FROM [dbo].[Categories]

WHERE category\_id = @category\_id;

END;

## CreateTask

CREATE PROCEDURE CreateTask

@title VARCHAR(100),

@is\_complete BIT,

@start\_date DATE,

@due\_date DATE,

@email VARCHAR(100),

@location VARCHAR(100),

@priority VARCHAR(50),

@description TEXT

AS

BEGIN

INSERT INTO [dbo].[Tasks] (title, is\_complete, start\_date, due\_date, email, location, priority, description)

VALUES (@title, @is\_complete, @start\_date, @due\_date, @email, @location, @priority, @description);

END;

## GetTask

CREATE PROCEDURE GetTask

@task\_id INT

AS

BEGIN

SELECT \*

FROM [dbo].[Tasks]

WHERE task\_id = @task\_id;

END;

## UpdateTask

CREATE PROCEDURE UpdateTask

@task\_id INT,

@title VARCHAR(100),

@is\_complete BIT,

@start\_date DATE,

@due\_date DATE,

@email VARCHAR(100),

@location VARCHAR(100),

@priority VARCHAR(50),

@description TEXT

AS

BEGIN

UPDATE [dbo].[Tasks]

SET title = @title,

is\_complete = @is\_complete,

start\_date = @start\_date,

due\_date = @due\_date,

email = @email,

location = @location,

priority = @priority,

description = @description

WHERE task\_id = @task\_id;

END;

## DeleteTask

CREATE PROCEDURE DeleteTask

@task\_id INT

AS

BEGIN

DELETE FROM [dbo].[Tasks]

WHERE task\_id = @task\_id;

END;

## CreateTaskCategory

CREATE PROCEDURE CreateTaskCategory

@task\_id INT,

@category\_id INT

AS

BEGIN

INSERT INTO [dbo].[TaskCategories] (task\_id, category\_id)

VALUES (@task\_id, @category\_id);

END;

## GetTaskCategories

CREATE PROCEDURE GetTaskCategories

@task\_id INT

AS

BEGIN

SELECT \*

FROM [dbo].[TaskCategories]

WHERE task\_id = @task\_id;

END;

## DeleteTaskCategory

CREATE PROCEDURE DeleteTaskCategory

@task\_id INT,

@category\_id INT

AS

BEGIN

DELETE FROM [dbo].[TaskCategories]

WHERE task\_id = @task\_id AND category\_id = @category\_id;

END;

## CreateReminder

CREATE PROCEDURE CreateReminder

@message VARCHAR(255),

@task\_id INT,

@time DATETIME

AS

BEGIN

INSERT INTO [dbo].[Reminders] (message, task\_id, time)

VALUES (@message, @task\_id, @time);

END;

## GetReminder

CREATE PROCEDURE GetReminder

@reminder\_id INT

AS

BEGIN

SELECT \*

FROM [dbo].[Reminders]

WHERE reminder\_id = @reminder\_id;

END;

## UpdateReminder

CREATE PROCEDURE UpdateReminder

@reminder\_id INT,

@message VARCHAR(255),

@task\_id INT,

@time DATETIME

AS

BEGIN

UPDATE [dbo].[Reminders]

SET message = @message,

task\_id = @task\_id,

time = @time

WHERE reminder\_id = @reminder\_id;

END;

## DeleteReminder

CREATE PROCEDURE DeleteReminder

@reminder\_id INT

AS

BEGIN

DELETE FROM [dbo].[Reminders]

WHERE reminder\_id = @reminder\_id;

END;