

```
-- Insert the new userID/session ID pair into the table with a 2-hour expiration
GO
/***** Object:  StoredProcedure [dbo].[spGetUserFromSession]      Script Date: 12/21/2008 19:18:20 *****/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
-- Stored procedure for posting new message
-- Returns: userName
CREATE PROCEDURE [dbo].[spGetUserFromSession](@sessionID int) AS
    DECLARE @userID      INT
    DECLARE @userName    VARCHAR(50)

    -- Retrieve the UserID associated with the current session
    SELECT @userID = userID FROM tblSessions WHERE sessionID = @sessionID

    -- Retrieve the User Name associated with the UserID
    SELECT @userName = userName FROM tblUsers WHERE userID = @userID

    SELECT @userName AS 'UserName'
GO
/***** Object:  StoredProcedure [dbo].[spClearExpiredSessions]      Script Date: 12/21/2008 19:18:20 *****/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
-- Clear expired sessions from the Session table
CREATE PROCEDURE [dbo].[spClearExpiredSessions] AS
    DELETE FROM tblSessions WHERE expiration < GETDATE()
GO
/***** Object:  StoredProcedure [dbo].[spValidateSession]      Script Date: 12/21/2008 19:18:20 *****/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
-- Stored procedure to check if the session ID is valid
-- Returns: 1 if valid
--          0 if invalid
CREATE PROCEDURE [dbo].[spValidateSession](@sessionID int) AS
    IF EXISTS (SELECT * FROM tblSessions WHERE sessionID = @sessionID AND expiration >= GETDATE())
        RETURN 1
    ELSE
        RETURN 0
GO
/***** Object:  StoredProcedure [dbo].[spPostNewMessage]      Script Date: 12/21/2008 19:18:20 *****/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
-- Stored procedure for posting new message
-- Returns: messageID
CREATE PROCEDURE [dbo].[spPostNewMessage](@sessionID int, @title varchar(MAX), @message varchar(MAX)) AS
    DECLARE @count      INT
    DECLARE @maxMessageID INT
    DECLARE @userID      INT

    SELECT @count = COUNT(*) FROM tblMessages

    -- Set the new message ID
    IF @count > 0
        SELECT @maxMessageID = MAX(messageID + 1) FROM tblMessages
    ELSE
```