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        // Post new message
        messageID = sp.PostNewMessage(sessionID, title, message);

        sp.SQLDisconnect(); // disconnect from the database

        return messageID;
    }

    /// <summary>
    /// Adds a media attachment to a message post
    /// </summary>
    /// <param name="sessionID">User's current session ID</param>
    /// <param name="messageID">The message ID to which the media will be attached</
param>
    /// <param name="dataType">The type of media being attached</param>
    /// <param name="data">The base64 media data to be written to the drive</param>
    private void PostMsgAttachment(long sessionID, int messageID, String dataType, String
data)
    {
        String fileName = "";

        // Create new database object
        spExecution sp = new spExecution();
        sp.SQLConnect();

        // Set up the base directory for where the data will be stored
        String path = @"C:\Inetpub\MessageLogger\message-media\" + sp.GetUserFromSession
(sessionID) + @"\" + messageID + @"\";
        Directory.CreateDirectory(path);

        // Setup the file name
        System.Globalization.CultureInfo ci = System.Globalization.CultureInfo.
InstalledUITCulture;
        fileName += System.DateTime.Now.ToString("yyyy_mm_dd-hh_mm_ss_fff", ci);

        // Disconnect and reconnect to clear the SQL command
        sp.SQLDisconnect();
        sp.SQLConnect();

        // Post the data to the database
        sp.PostMsgAttachment(sessionID, messageID, dataType, path + fileName);
        sp.SQLDisconnect();

        // Convert the base64 string to a byte array
        byte[] dataBytes = Convert.FromBase64String(data);

        // Create the appropriate filename
        if (dataType == "jpeg-image")
        {
            fileName += ".jpg";
        }
        if (dataType == "png-image")
        {
            fileName += ".jpg";
        }
        else if (dataType == "gif-image")
        {
            fileName += ".gif";
        }
        else if (dataType == "mpeg-video")
        {
            fileName += ".mpg";
        }
        else if (dataType == "wmv-video")
        {
            fileName += ".wmv";
        }
        else if (dataType == "wav-sound")
        {

```