

SPRINT #1

Scrum Gang

What were our goals
for this sprint?



Primary:

- Get Login Page w/ Database of Login info (Rudimentary Functionality)
- Figure out:
 - How to connect to different pages
 - Connecting with the back end database
 - How we want to organize our GUI
 - What is needed for account registration

Secondary:

- Continue to Develop + Describe Scrum User Stories
- Web Browser Assignment



ACCOMPLISHED

Welcome Page

- Functional Text Boxes
- Functional Error Messages
- Working Links to Additional pages

The screenshot shows a web browser window titled 'Scrum Insurance Ltd.' with standard window controls. The page content includes a large 'Welcome!' heading followed by 'Please Log In'. There are two input fields: 'Username' containing 'letmein' and 'Password' containing six dots. A 'Log In' button is positioned below these fields. At the bottom, a red error message states 'Incorrect username or password' and 'Please make an account if you haven't already'. Two blue links, 'Forgot Password?' and 'Create an Account', are located at the bottom of the form area.

Scrum Insurance Ltd.

Welcome!

Please Log In

Username

Password

Log In

Incorrect username or password
Please make an account if you haven't already

[Forgot Password?](#) [Create an Account](#)

Front End

Front End Cont.

Scrum Insurance Ltd.

Create Account

Username	Password	Email
<input type="text" value="exampleUN"/>	<input type="password" value="examplePW"/>	<input type="text" value="example@example.com"/>

Security Question

Answer

Create Account

Scrum Insurance Ltd.

Forgot Password

Back

Enter Email:

Confirm

Scrum Insurance Ltd.

Forgot Password

Back

Enter Email:

Confirm

Email not found

Landing Page Design

Front End Cont.

testing
Log Out

Welcome

Please Enter your database Query:

Submit

	Column1	Column2	Column3
*			

scrum_gang trevor.butler.edu:3306

Name:

scrum_gang

Description:

Origin:

local

Connect Time:

2/16/25, 12:47 PM

Connect Type:

Development


Databases

Users

Administer

System Info

Driver / ...

Database Name	Default Charset	Default Collation	SQL Path
 scrum_gang	utf8mb4	utf8mb4_unicode	

- Connected to DBeaver
 - Set up MySQL with Team Database



Back End

Back End Cont.

scrum_gang scrum_gang

DBeaver Sample Database (SQLite) scrum_gang Customer scrum_gang *Client x Employee

Properties Data ER Diagram

Table Name: Client ☐ Partitioned

Engine: InnoDB

Auto Increment: 0

Charset: utf8mb4

Collation: utf8mb4_unicode_ci

Description: Account Informationv

Column Name	#	Data Type	Not Null	Auto Increment	Key	Default	Extra	Expression	Comment
A-Z FirstName	1	varchar(100)	[v]	[]					Account Inf...
A-Z LastName	2	varchar(100)	[v]	[]					Account Inf...
A-Z Email	3	varchar(100)	[v]	[]					Account Inf...
123 ClientID	4	INTEGER	[v]	[]					Account inf...

Columns Constraints Foreign Keys References Triggers Indexes

Client
123 ClientID
A-Z FirstName
A-Z LastName
A-Z Email



OBSTACLES

01

Connecting to the Database & Populating with Data

02

Optimizing Page Organization

- Where to put Front end vs Back end code/functions

03

Avoiding Conflict Errors

- Still developing Working and Communicating with each other



Demo

File Edit View Git Project Build Debug Test Analyze Tools Extensions Window Help Search WebBrowserGitHubDemo Sign in GitHub Copilot

ctrlCreateAccount.cs [Design] ctrlLanding.cs [Design] ctrlForgotPass.cs [Design] ctrlForgotPass.cs Session.cs ctrlLanding.cs x

ctrlLogin.cs [Design] Account.cs ctrlLogin.cs

WebBrowserGitHubDemo WebBrowserGitHubDemo.ctrlLanding ctrlLanding(DatabaseController dbController)

```
//while the landing page SHOULD always carry over the database f
InitializeComponent();
lblWelcome.Text = "Welcome";
lblUser.Text = Session.GetAccount(Session.UserID).Username;
if (dbController_ == null)
{
    dbController_ = new DatabaseController();
}

reference | jesibbitt, 1 hour ago | 1 author, 1 change
public ctrlLanding(DatabaseController dbController)

//this will carry over the same database used on the connection
InitializeComponent();
lblUser.Text = Session.GetAccount(Session.UserID).Username;
dbController_ = dbController;
```

DatabaseController.DatabaseController()

161 % No issues found Ln: 31 Ch: 35 SPC CRLF

Error List

Entire Solution 0 Errors 0 of 10 Warnings 0 of 11 Messages Build + IntelliSense Search Error List

Code	Description	Project	File	Line	Suppression State
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Package Manager Console Error List Output

Toolbox Properties Solution Explorer Git Changes

Ready 0/0 3 main Scrum_Gang 4:52 PM 2/16/2025

20°F Light snow Search



COMMENTS?