A

High Level Detail

on

SQnnect

AIRLINQ

Submitted to: **Submitted By:**

Mr. Abhishek Jain   **Trainees (2022)**

(AVP Engg.)

AIRLINQ Software Pvt. Ltd.
Jaipur Rajasthan 302203

PROPRIETARY INFORMATION

The information contained herein is proprietary to Airlinq Inc. Use or disclosure of this document or the information contained herein, for any purpose other than that for which it was furnished is not permitted or it shall not be disclosed or divulged to any third Party without the prior written consent of Airlinq Inc
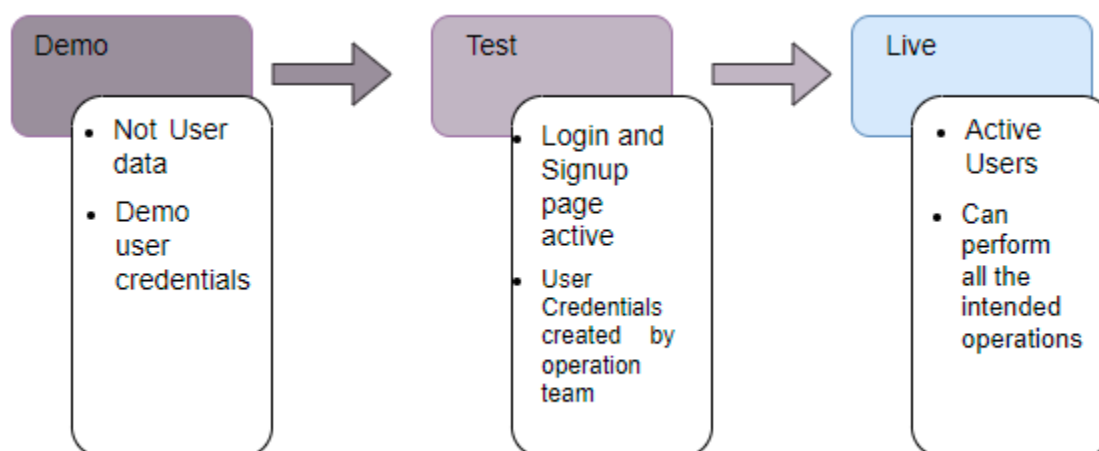
COPYRIGHT NOTICE

Document Version Control

Date	Version	Author	Description
15-Jul-2022	1.0	Ashish	WebApp with Spring boot framework

Table of Content
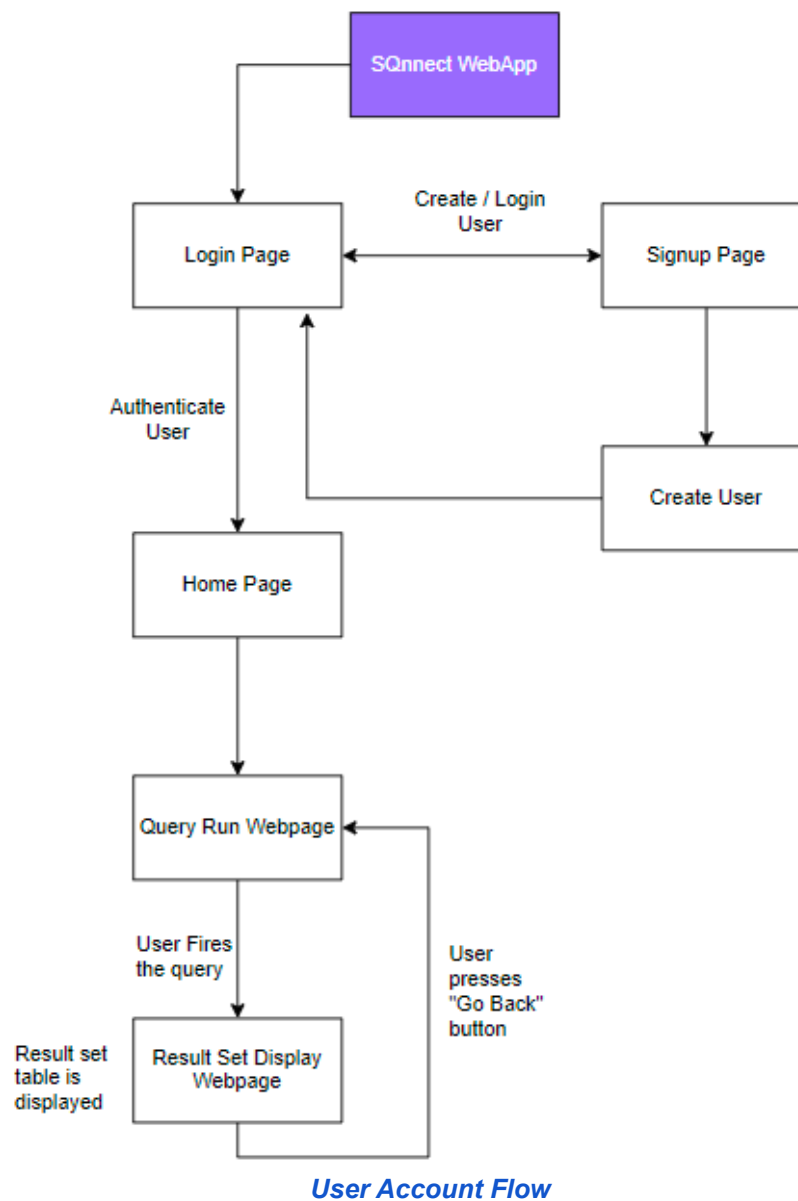
User Lifecycle

1. Executive Summary

Team Trainees 2022 has been working to define the solution that serves the requirements of SQnnect Project. Team Trainees and **AVP Engg. (AIRLINQ)** had continuous meetings during which the complete flow and integration was discussed. In order to support all the users associated with the project and the functionality that are provided by SQnnect, this document captures the approach in detail.

The architecture and call flows detailed in the rest of the document provide further understanding of the solution that **Team Trainees 2022** is looking to implement.

1.1 Account Hierarchy : SQnnect provides the functionality to create the user accounts with user_service_details Interface.

- **User:** The user accounts have access to the database (SQnnect_DB) through the SQnnect WebApp.
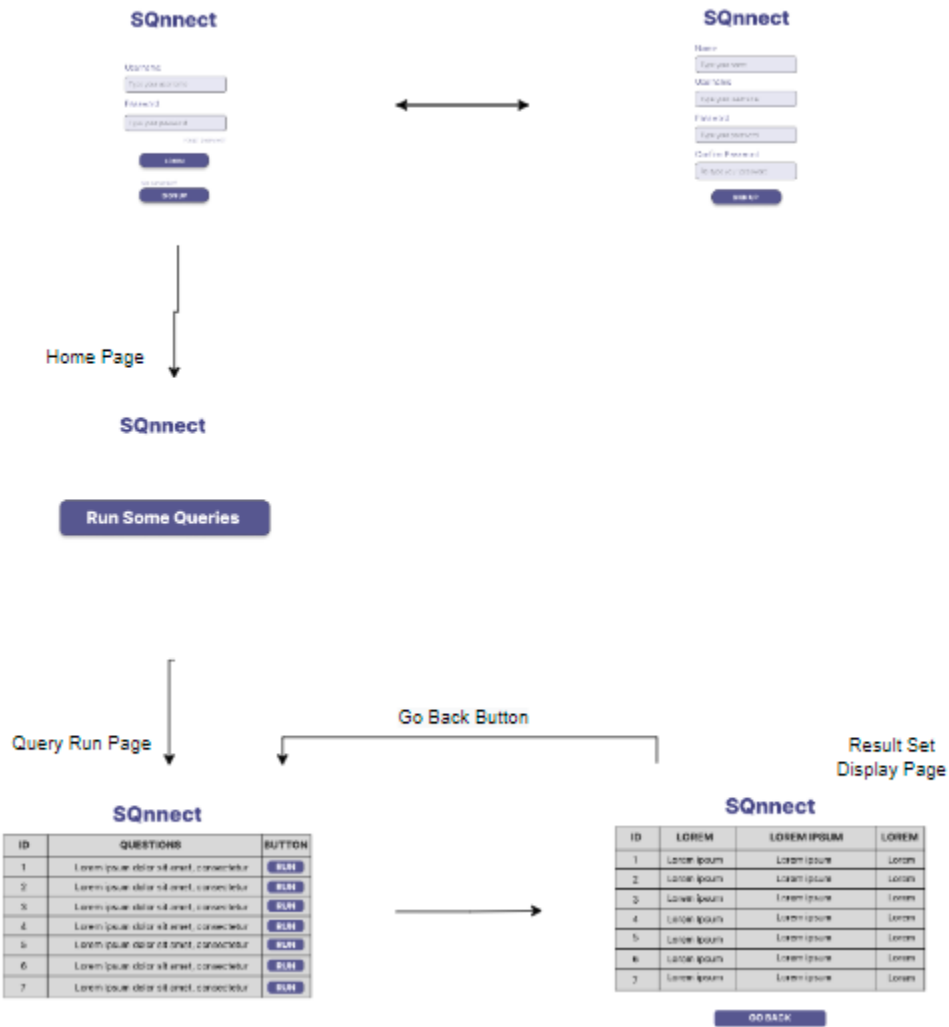
1.2 User Account Creation:

User Account Flow

2. SQnnect Overview

The **SQnnect** web application intends to connect the database through SpringBoot and fetch the queries from MySQL on a single click from a web page and display the result on the following web page. The vision of this web application is to save time running the queries from the console and provide an easy to use interface for a good user experience.

- First we'll create a Springboot Project.
- Set-up a database
- Install the required dependencies in Springboot (Spring Development tool, MySQL Driver Dependency, Spring JPA, jQuery)
- In Springboot properties we'll establish a connection between MySQL and Springboot
- Create required html pages
- Create a Login page (From here we'll authenticate users)
- Create a Signup page (From here we'll add users to the database)
- Create a Homepage (Here the user will get a button to redirect to a query fire page)
- Result Set display page (The users will get redirected to this page after firing a query and will be displayed a resultset table)
- Create a button on the Result set display page to redirect the user to the query fire page

Expected App UI with Flow

3. References

[1] AIRLINQ, " AMX CMP Draft LLD V1.6_Internal(1).docx ", 22-Feb-2022

[2] previous_toolbox_user (2007), " Standard LLD Template", community.cisco.com, Nov 27 2007