SNLIDB_v2 User Guide

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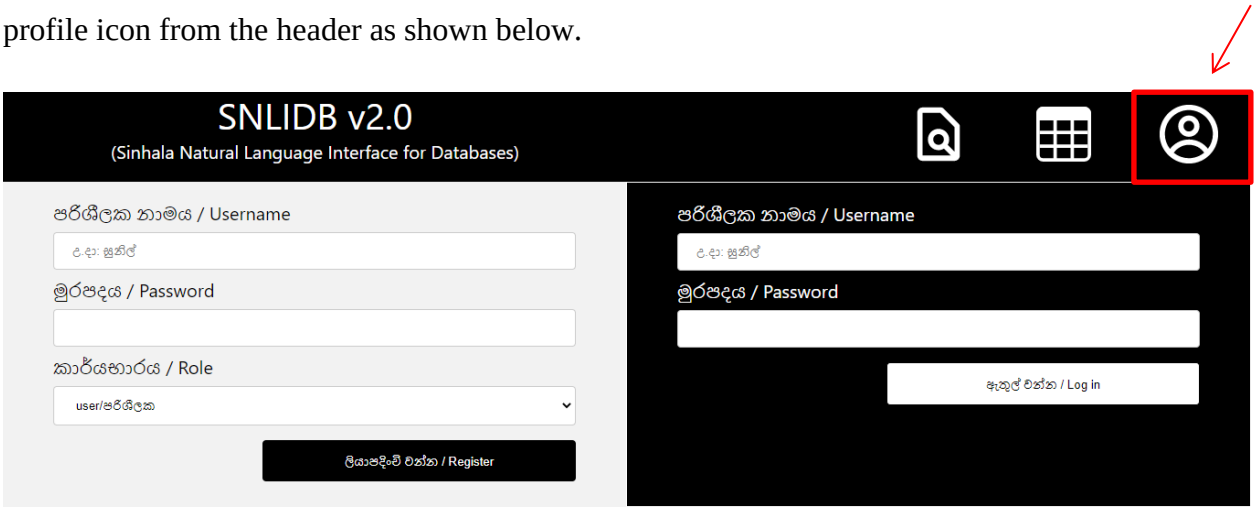
1 Register and login

A user must register to the system in order to perform any tasks. Registration and login options are provided in the ‘profile page’. You can navigate to the ‘profile page’ easily via clicking the profile icon from the header as shown below.

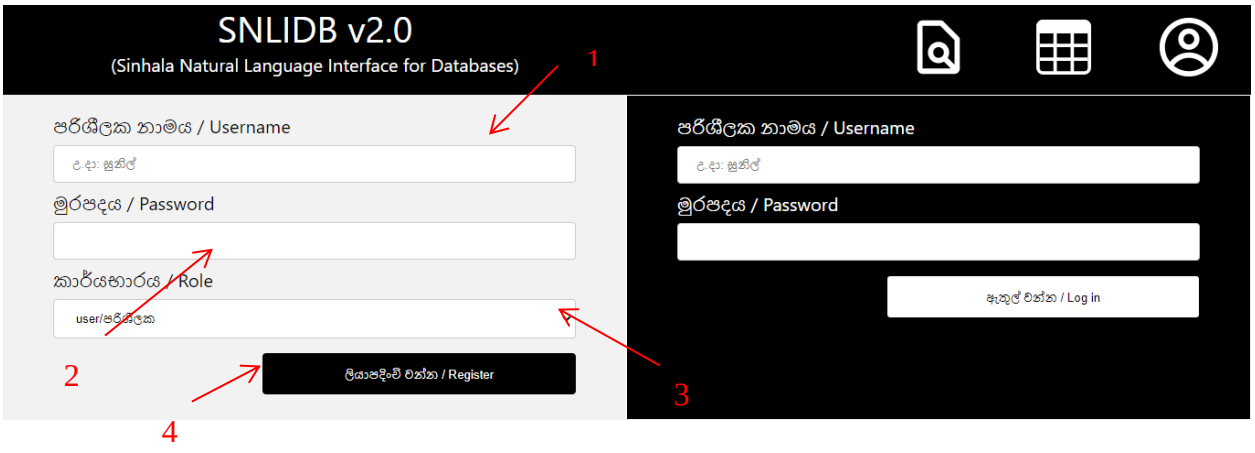


1.1 Register

To register, a user is required to provide,

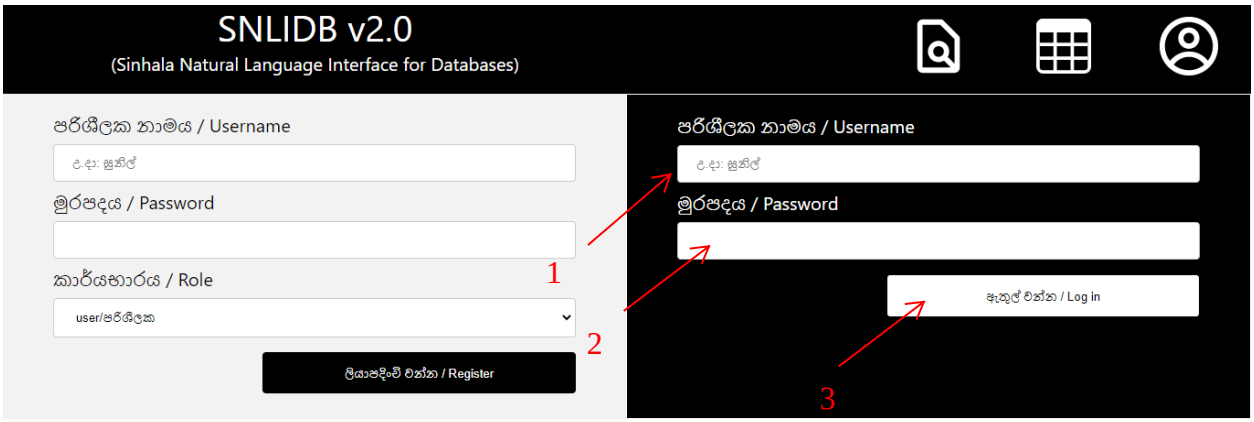
- Username – name used in the application, should be unique. [1]
- Password – password used for authentication. [2]
- Role – Choose either admin or user. An admin has all access to the database whereas a user has no permission on modifying any data in the database. [3]

And click ‘Register’ button. [4]

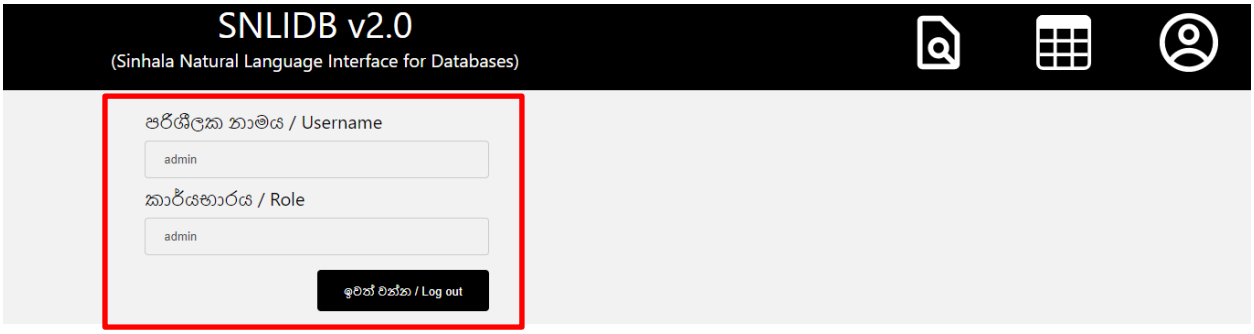


1.2 Login

After successfully registering into the system, user can login by providing the username [1] and the password [2], and then by clicking the ‘Log in’ button [3].



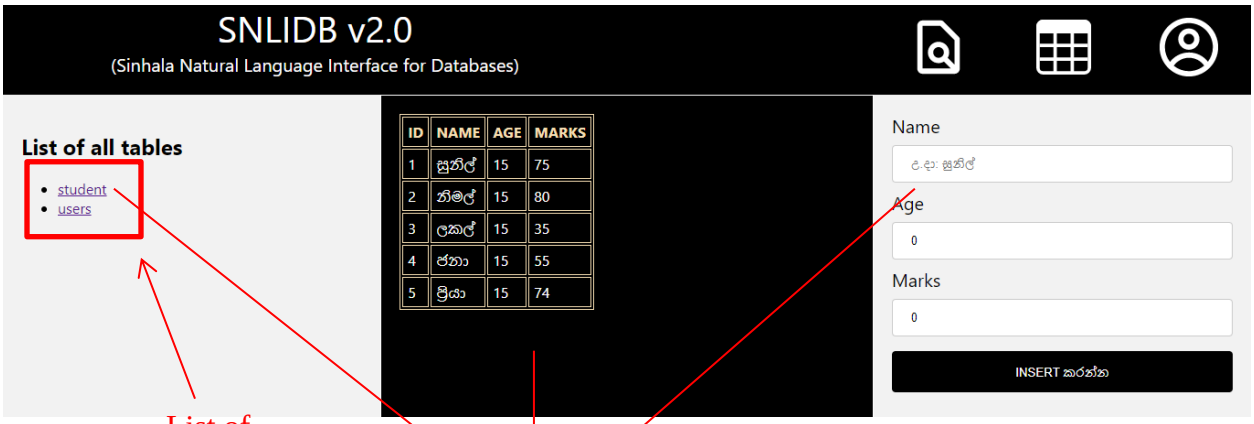
If you’ve been logged in successfully, the details of the user will be shown along with the logout function as shown below.



2 View all tables and its data

By navigating into the ‘view tables’ page, you can view all the tables that are available in the schema. To navigate to profile page easily, click profile icon from the header.

You can also view all data in a specific table by clicking it. When viewing all data, a form is provided to add data easily into the table.



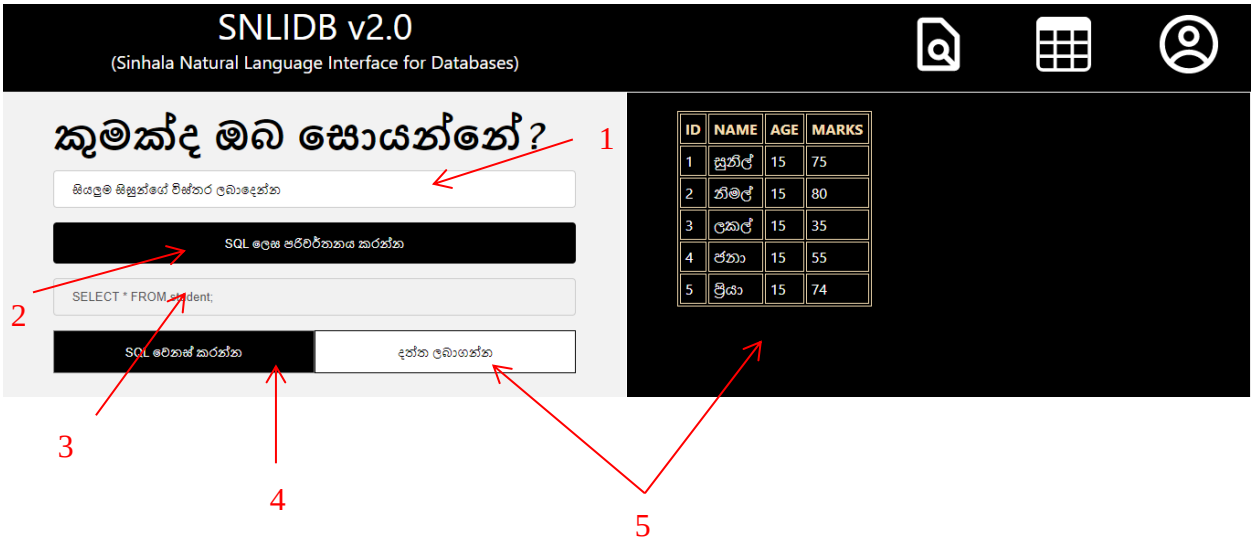
List of tables

Click to view all data & to insert any data

3 Generate SQL queries

By navigating into the ‘Generate query’ page, you can generate the relevant SQL query by providing the Sinhala natural language query. To navigate to generate query page easily, click the search icon from the header.

Next enter your Sinhala query in the input field [1] and click ‘Generate SQL’ [2]. The system will provide the processed SQL query in the next input field [3].

To modify the SQL query, enable the input field by clicking ‘Edit SQL [4]’.

To view the database result, click ‘Execute’ [5]. The result will be displayed in the right side [5].