USER GUIDE

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IDS 517 Project Group S16G24

User Guide for IDS 517 S16G24 Web Application

Contents
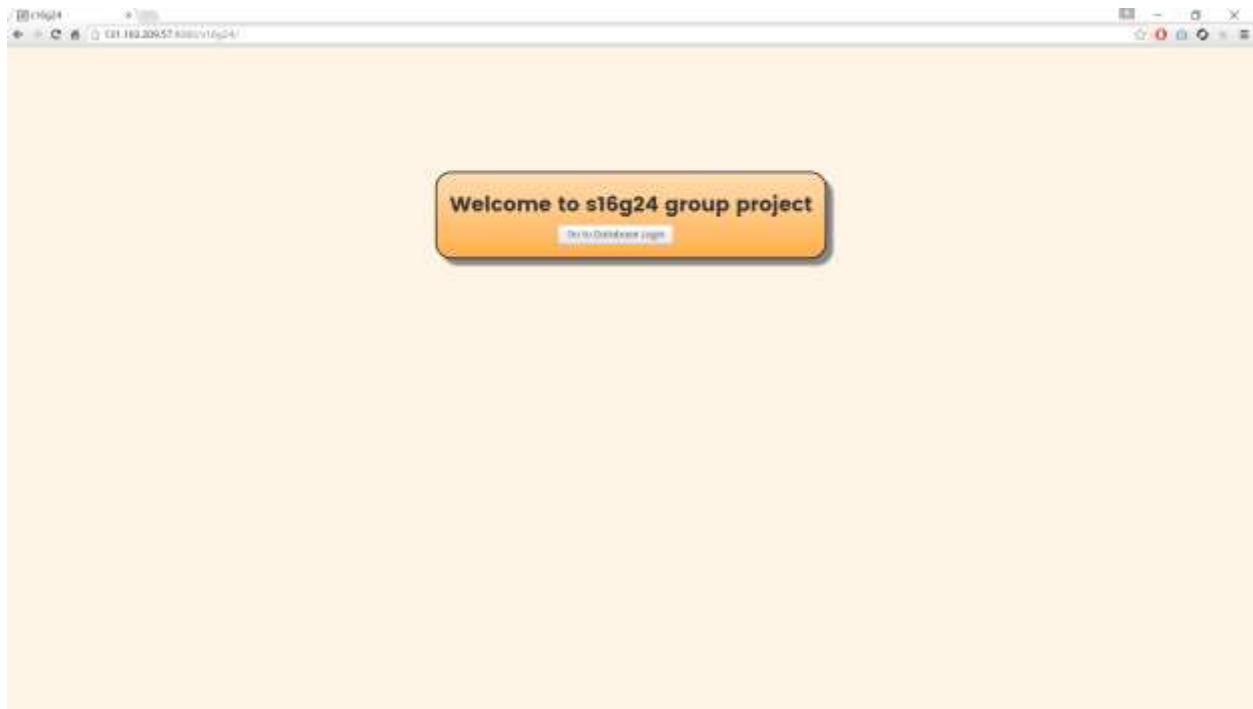
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Introduction

This document helps user to navigate and understand the functionality of the web application created by the group s16g24 as a part of Enterprise Application Development – spring 2016 term project.

Launching the application:

Our web based application requires a browser to run and compatible with all the common browsers such as Google Chrome, Safari, Internet Explorer and Mozilla Firefox.
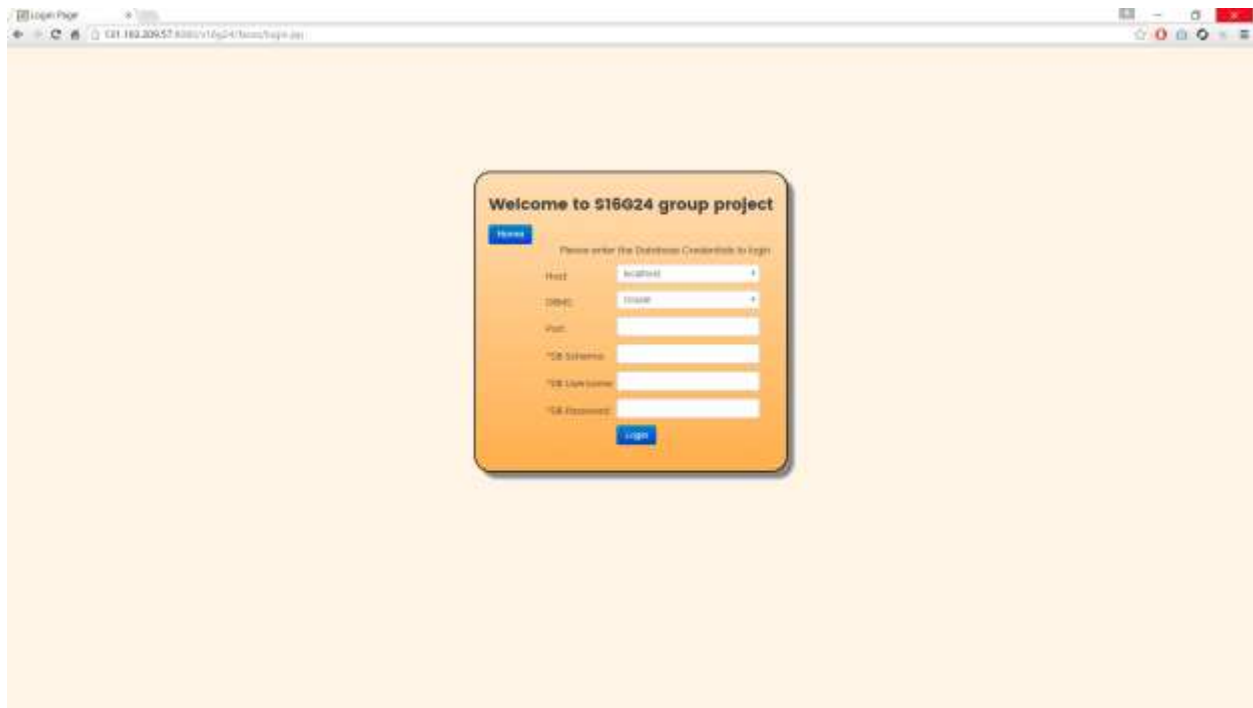
Application can be launched by entering the url in a browser in the following format http://hostserver:portnumber/s16g24/ and clicking on enter. The default page that loads up on doing the above action is shown below.

Logging into the application:

On clicking "Go to Database login" button, a login page with a form is loaded as shown below
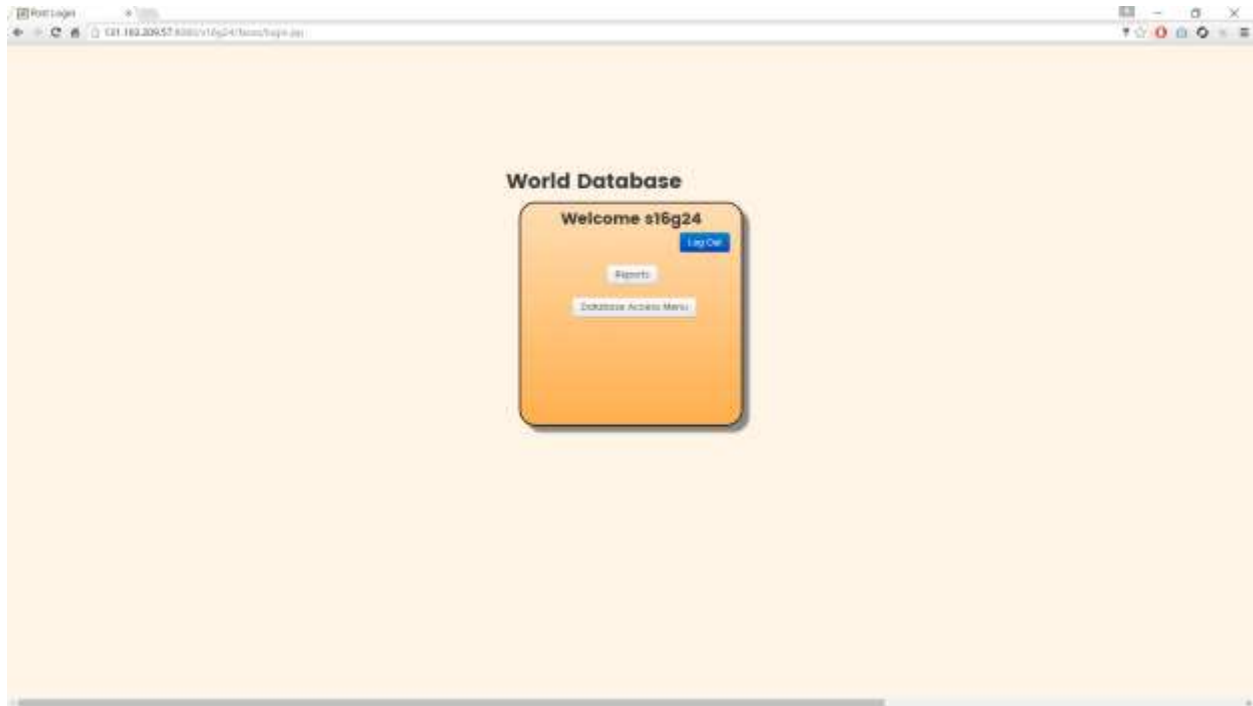
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User has an option to select different types of servers available in the Host dropdown list and three different types of DBMS available. Port field is populated by the application based on the DBMS selected.

Navigation:

Once the user enters all the information and click on 'login', user can see the home page with buttons to access Reports, Database operations and Data Analysis menu.

Generating Reports

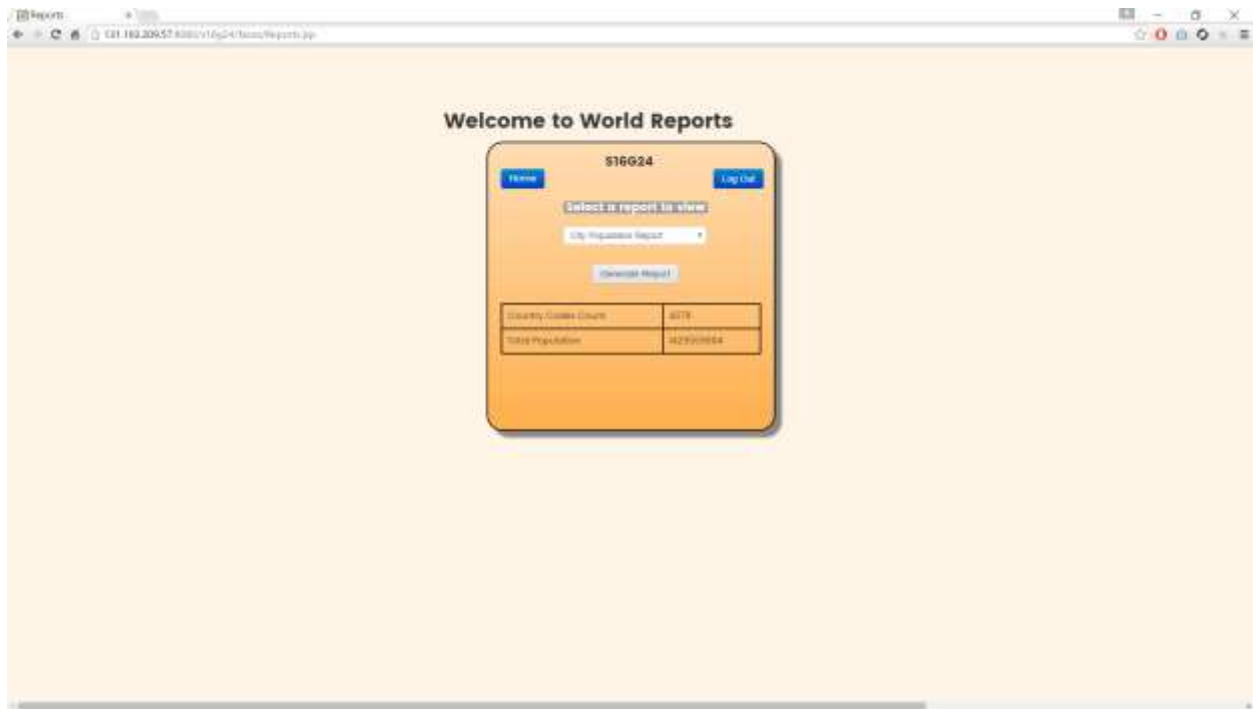On clicking Reports button, user is taken to the World Reports page.

User has an option to select one of the four reports from the 'select a report to view' dropdown.

Clicking on Generate Report will populate the page with the respective report result.

[Database](#) [Operations](#)

Clicking on 'Database Access Menu' will load the below page

User can select one of the available database schemas from the dropdown available below 'select a database'.

Clicking on 'Table list' button will populate all the tables present in the selected schema.

Selecting one of the populated tables and clicking on column list will generate the columns present in the selected table.

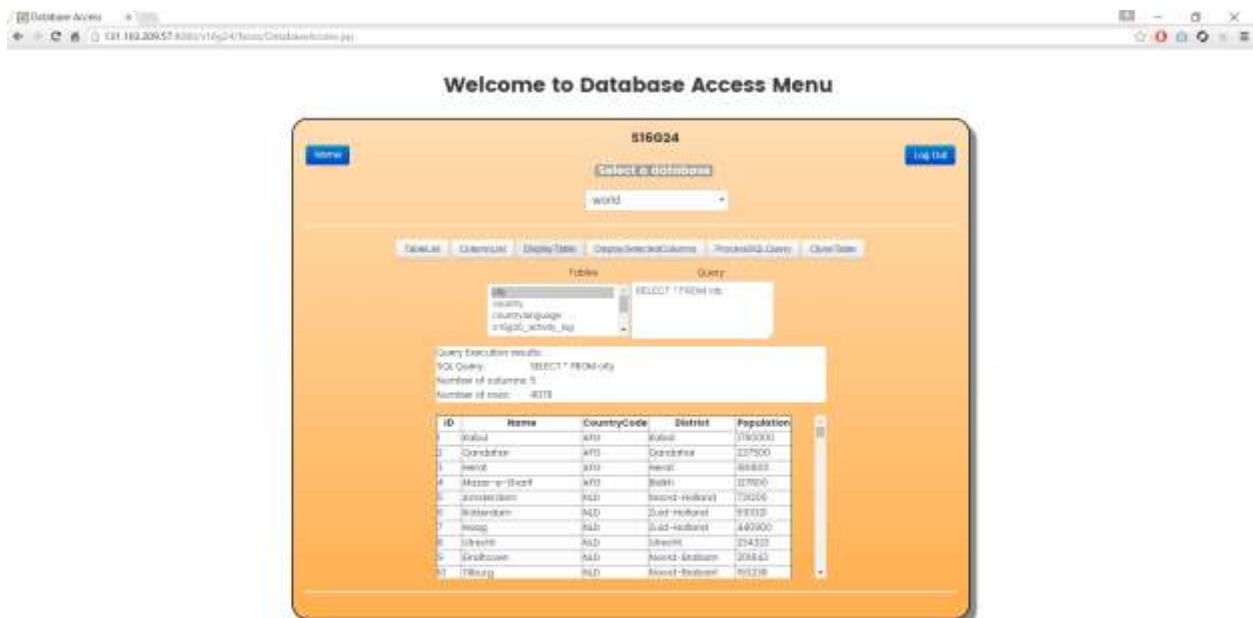Users can select columns of their choice and click on display selected columns to view those specific columns.

Selecting one of the populated tables and clicking on 'Display Table' will retrieve all the rows in the selected table and also query execution results.
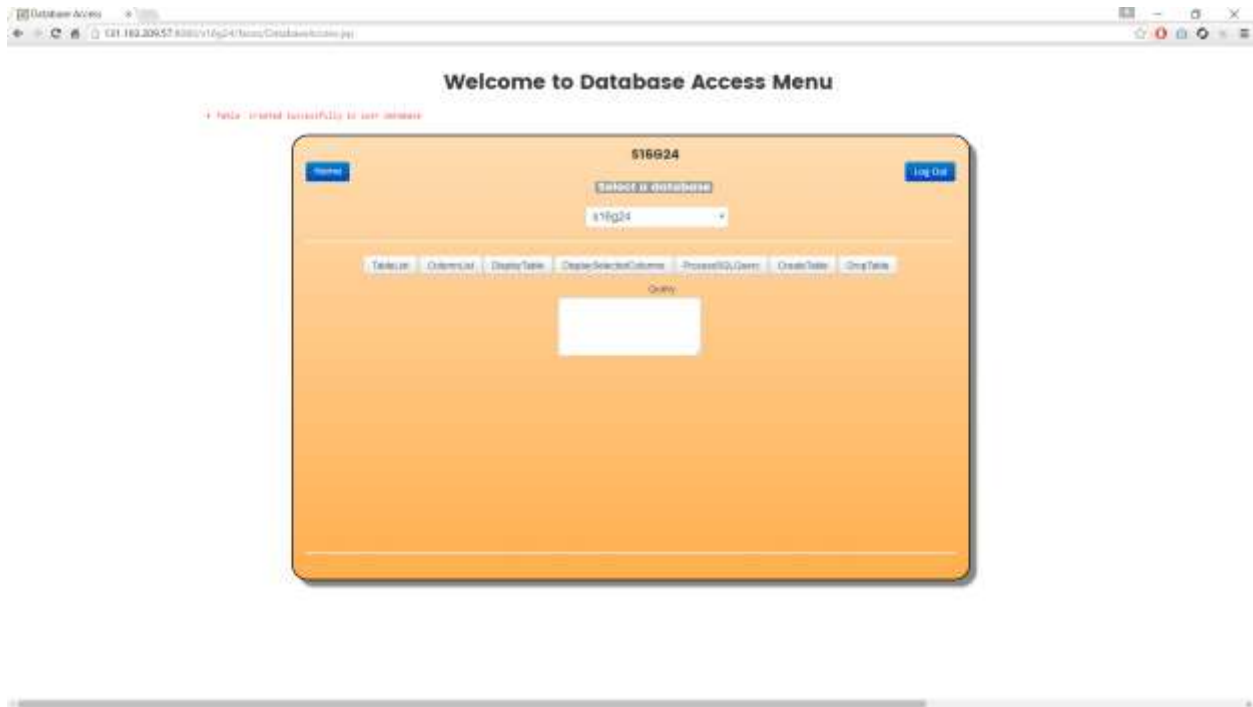
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Users have the ability to enter a custom SQL query and process it to view the results. Below two screens will illustrate that feature.

User can select a table from the list and click on clone table to copy it to the user database.

You can see that city table is cloned to the user database in the below screen.

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Data Analysis

On selecting the 'Data Analysis' button, the above would be displayed to the user with options to generate descriptive statistics or regression analysis or charts for the respective tables.

On selecting table, valid columns and clicking on 'Generate Descriptive Statistics' will generate Descriptive Statistics.

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On selecting table, valid columns and clicking on 'Generate Regression Analysis' will generate Descriptive Statistics.

Logging out of the application

Clicking on 'Logout' will end the user session and will be taken to another page with an appropriate message.

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