

Project Development Phase Sprint - III

Team ID	PNT2022TMID21488
Project Name	Retail Store Stock Inventory Analytics

Description:

Functional Components:

Login / Registration

Here, the user can register or login to Inventory Stock Analysis by entering the necessary login credentials.

Dashboard

In the dashboard, the user can see the graph with x and y values by giving the necessary inputs. They can predict & analyse the sales and price of stock in graphical representation. Insights can be gained from the graph.

Visualisation

In the Visualisation tab, monthly statistics can be visualised by giving the necessary input generating two graphs with month wise sales and month wise stock availability.

Non-Functional Components:

User Authentication

User authentication verifies the identity of a user attempting to gain access to Inventory Stock Analysis if the user enters invalid credentials there is no possibility to access the application.

Database Connection:

MySQL database is used here. The database's name is 'rssia' where it contains table 'user' to store all user credentials.

Real-time Data Updation:

The graph gets updated in real-time by getting the necessary inputs from the user and fetching data from the dataset.

Screenshots:

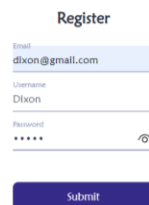
1) Login Page:



A screenshot of a web application's login page. The page has a light gray background. At the top center, the text "Sign In" is displayed in a bold, dark gray font. Below this, there are two input fields. The first is labeled "Username" in a small, light gray font, and it contains the text "Hello". The second is labeled "Password" in a small, light gray font, and it contains five dots. To the right of the password field is a small eye icon. Below the input fields is a blue button with the text "Submit" in white.

Don't have an account? [Register](#)

2) Registration Page:



A screenshot of a web application's registration page. The page has a light gray background. At the top center, the text "Register" is displayed in a bold, dark gray font. Below this, there are three input fields. The first is labeled "Email" in a small, light gray font, and it contains the text "dixon@gmail.com". The second is labeled "Username" in a small, light gray font, and it contains the text "Dixon". The third is labeled "Password" in a small, light gray font, and it contains five dots. To the right of the password field is a small eye icon. Below the input fields is a blue button with the text "Submit" in white.

Already have an account? [Sign In](#)

Incorrect username /
password !

Sign In

Username

Password

Submit

Don't have an account? [Register](#)

The screenshot shows the phpMyAdmin web interface. On the left is a sidebar with a tree view of the database structure, including 'New', 'cars', 'crud', 'dvwa', 'employee_registry', 'events', 'information_schema', 'inventorydb', 'latong3', 'lib', 'login', 'mysql', 'newfolder', 'performance_schema', 'phpmyadmin', 'quiz', 'rssia', 'New', 'users', 'test', and 'ticket'. The 'users' table under 'information_schema' is selected.

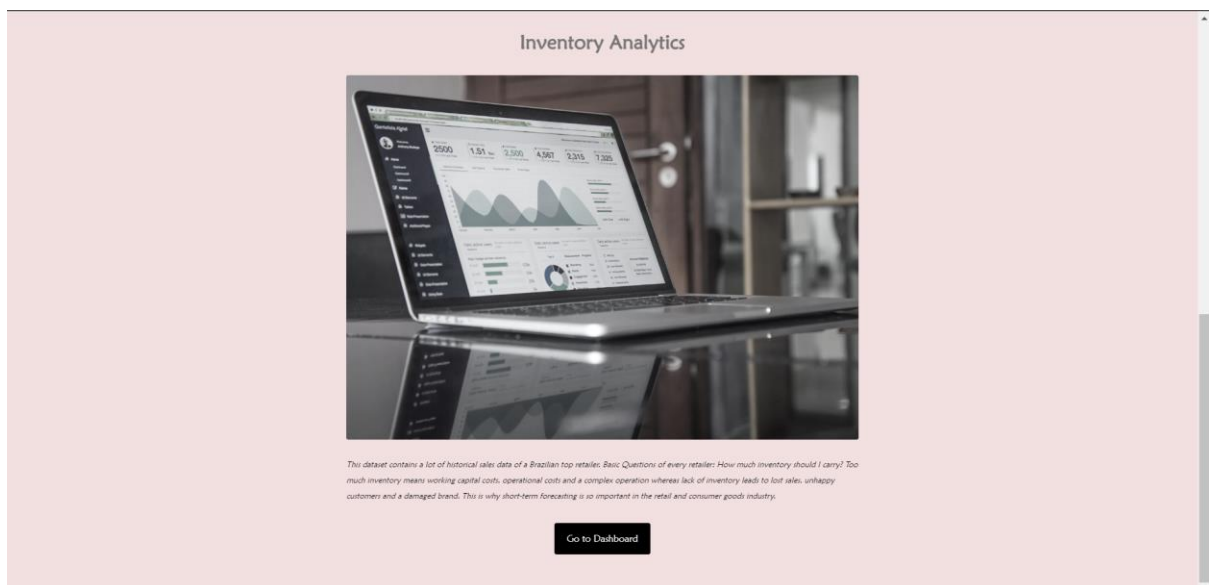
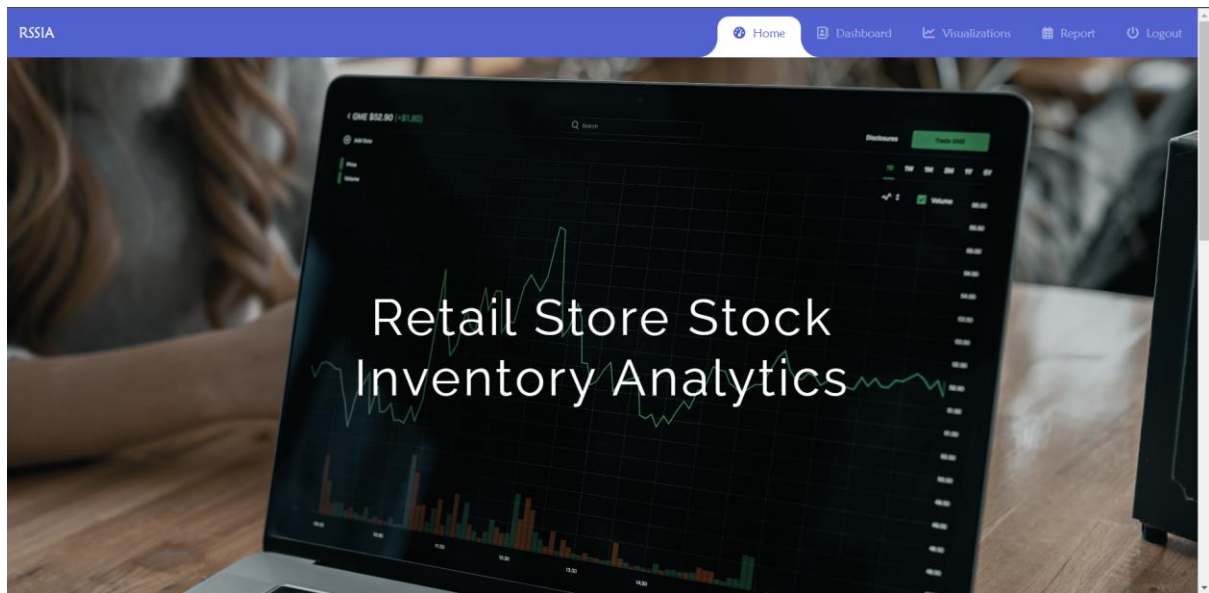
The top navigation bar includes tabs for 'Browse', 'Structure', 'SQL', 'Search', 'Insert', 'Export', 'Import', 'Privileges', 'Operations', and 'Triggers'. The 'SQL' tab is active, showing a query: `SELECT * FROM `users``. Below the query, there are options to 'Show all', 'Number of rows' (25), 'Filter rows' (Search this table), and 'Sort by key' (None). There are also links for 'Profiling', 'Edit inline', 'Edit', 'Explain SQL', 'Create PHP code', and 'Refresh'.

The main content area displays the query results in a table with 4 rows. The columns are 'id', 'username', 'password', and 'email'. The data is as follows:

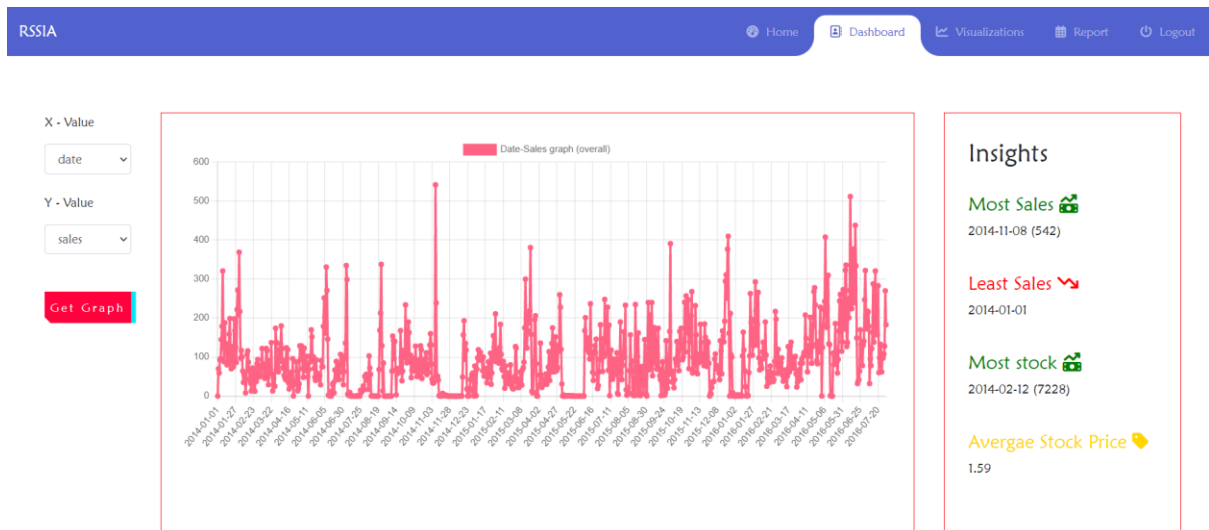
id	username	password	email
1	Hello	World	hello@gmail.com
2	Sreesh	Sreesh	sreesh@gmail.com
3	Sid	Sid	Sid@gmail.com
4	Dixon	Dixon	dixon@gmail.com

Below the table, there are options to 'Check all', 'With selected', 'Edit', 'Copy', 'Delete', and 'Export'. There are also links for 'Show all', 'Number of rows' (25), 'Filter rows' (Search this table), and 'Sort by key' (None). At the bottom, there is a 'Query results operations' section with links for 'Print', 'Copy to clipboard', 'Export', 'Display chart', and 'Create view'.

5) Home Page:



6) Dashboard:



7) Visualisation:

