

**Currency
Exchange Rate
Dashboard
User
Manual**

Abstract

This document serves the purpose of guiding the users on using the currency exchange rate dashboard application that is deployed as a web application by using Heroku as the platform. The link to the dashboard application is stated below.

Currency Exchange Rate Dashboard

<https://currency-exchange-rate-fe.herokuapp.com/>

The main objective of this web application is to provide a dashboard in helping the users to visualize and analyze the trends of currency exchange rate. The usage of the dashboard application is separated into different use cases. Each use case includes a unique ID (for searching purpose), description of the use case, step by step guidance with the pictures, the roles of the user which are involved in the use case and the expected final result.

Terminologies

Vocabulary	Description
Visitor	One of the user roles. It defines the user who is not logged in yet. They only have access to the landing pages which are the home page and login page of the website.
Admin	One of the user roles. It defines the user who has logged in as the admin. They have full access to the application.
Developer	One of the user roles. It defines the user who has logged in as the developer. They have access to everything in the application except for the list of users.
Viewer	One of the user roles. It defines the user who has logged in as the viewer. They access everything in the application except for the list of the users and adjust different features and algorithms used in the control panel.
Home Page	The landing page for the users who access the website
Login Page	The page for the unauthenticated users to login with their username and password
Logout Page	The page for the authenticated users to logout from their accounts
Change Password Page	The page for the authenticated users to change the password for their accounts
User Profile Page	The page for authenticated users to view their own profile, editing profile and password
User List Page	The page that shows the list of users available and their information
Dataset Page	The page that consists of a table which shows the dataset being used for the model developments and visualizations
Statistics Page	The page that consists of the statistics data of the dataset and the model performance evaluation
Dashboard Page	The page that consists of few interactive visualizations that could help in visualizing and analyzing the currency exchange rate


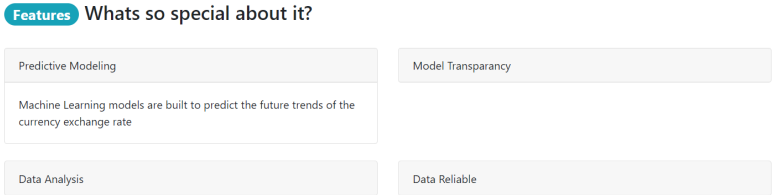
Control Panel	The control panel that will be shown only in Statistics Page and Dashboard Page which is used to control the features for the predictive model to be used
Actual vs Predicted Graph	A chart that is shown in the Dashboard Page for the users to visualize the trends of the currency exchange rate and the predicted currency exchange rate
Rate Conversion Panel	The panel in the Dashboard Page for the users to convert the values between the currencies

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Home Page




ID & Description	C-1 Access Home Page
Permissions	All users
Steps	<p>There are few ways to access the Home Page:</p> <ol style="list-style-type: none"> I. User enters the website: <ol style="list-style-type: none"> 1) It is the first page to be seen when user access the website II. User logout from his/her account: <ol style="list-style-type: none"> 1) Click on the “Back to Home Page” button <div data-bbox="523 689 1362 842" data-label="Image"> </div> III. User is on the another page of the website: <ol style="list-style-type: none"> 1) Click on the logo, logo name or the “Home” button on the navigation bar. <div data-bbox="478 1032 1388 1444" data-label="Image"> </div>
Expected Result	<p>User enters the Home Page</p> <div data-bbox="478 1529 1388 1942" data-label="Image"> </div>




ID & Description	C-2 Show Details of Features
Permissions	All users
Steps	<p>1) Enter the Home Page by following the steps shown in C-1. 2) Click on one of the features in the Home Page.</p>  <p>The screenshot shows a section titled 'Features' with the subtitle 'Whats so special about it?'. Below the title are four buttons: 'Predictive Modeling' (highlighted with a yellow border), 'Model Transparency', 'Data Analysis', and 'Data Reliable'. Below these buttons is a light blue horizontal bar.</p>
Expected Result	<p>The further explanation of the features of the application is shown.</p>  <p>The screenshot shows the same 'Features' section, but the 'Predictive Modeling' button is now expanded to show a detailed description: 'Machine Learning models are built to predict the future trends of the currency exchange rate'. The other buttons remain visible below it.</p>


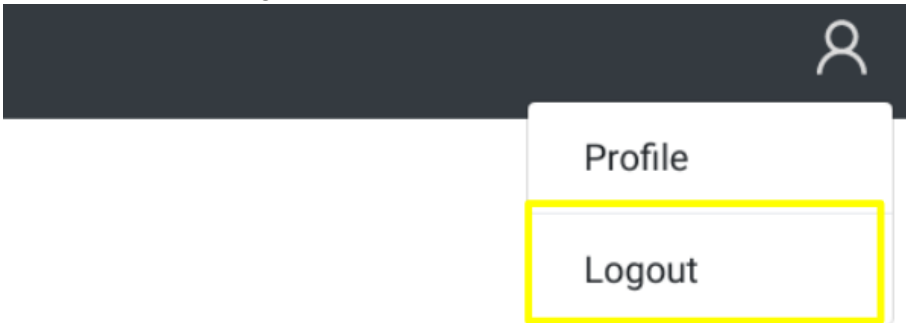
Authentication

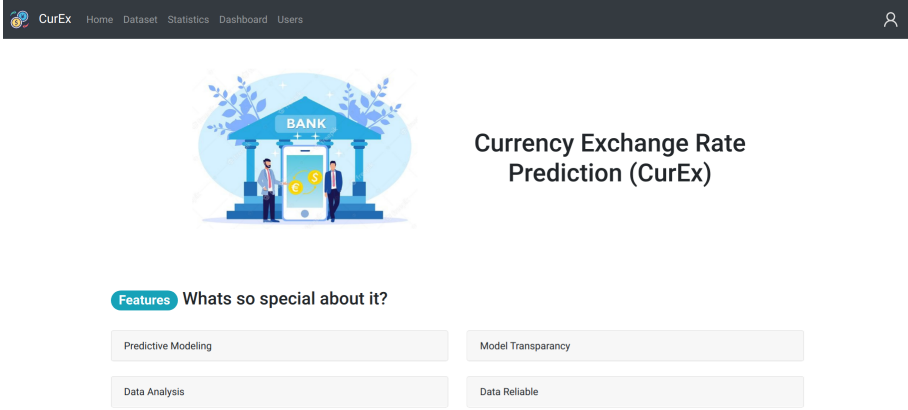
ID & Description	C-3 Login
Permissions	Unauthenticated Users Only (Visitor)
Steps	<p>1) Click on the login button on the navigation bar.</p>  <p>The screenshot shows a dark navigation bar with a 'Login' button on the right side, which is highlighted with a yellow border.</p> <p>2) Enter the Login Page</p>

	<div data-bbox="523 264 1268 831"> <h2>Login</h2> <p>Username</p> <input type="text" value="Enter username"/> <p>Password</p> <input type="password" value="Enter password"/> <input type="submit" value="Submit"/> </div> <p>3) Enter the username and password Notes: Make sure the username and password are entered correctly</p> <div data-bbox="531 1097 1313 1688"> <h2>Login</h2> <p>Username</p> <input type="text" value="admin"/> <p>Password</p> <input type="password" value=".... "/> <input type="submit" value="Submit"/> </div> <p>4) Click the "Submit" button</p>
Expected Result	Successfully login as an user and being redirected to the Dashboard List Page.

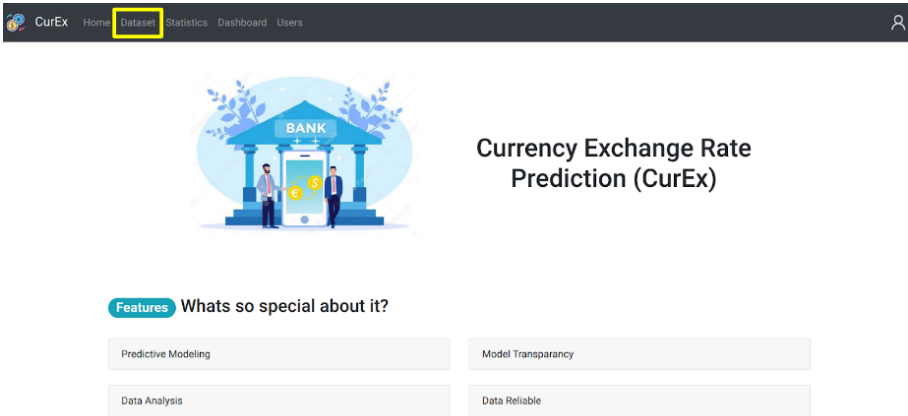
	Dashboard List Search × +									
	Actions	Shift ID	Assembly Code	Begin Time	End Time	Expected Cycle	Regulation Loss	Event Loss	Expected Product Count	Status
	>   	5	M1	2021-10-17 12:00:25	2021-10-17 13:01:25	7	117	89	10	Idle

>   	4	M1	2021-10-16 17:30:00	2021-10-16 17:40:00	8	100	50	8	Idle
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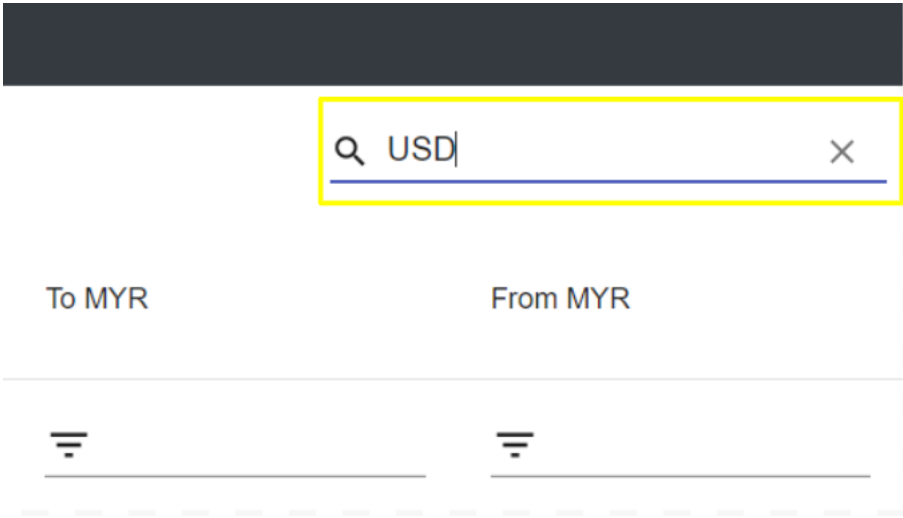
ID & Description	C-4 Logout
Permissions	All Authenticated Users
Steps	<div> <div>1) Click on the user icon</div> <div>  </div> <div> <h2>Currency Exchange Rate Prediction (CurEx)</h2> </div> <div> <div>2) Click the “Logout” button</div> <div>  </div> </div> <div> <div>3) Click on the “Back to Home Page” button to back to the Home Page</div> </div> </div>

	<div> <div>You have been logout</div> <div>Click on the button below to return to the home screen.</div> <div>Back to Home Page</div> </div>
Expected Result	<p>User successfully logout and enters the Home Page</p> 

Dataset Page

ID & Description	C-5 Access Dataset Page
Permissions	All Authenticated Users
Steps	<p>1) Click on the “Dataset” button on the navigation bar.</p> 
Expected Result	User enters the Dataset Page

	Currency Exchange Rate						Q Search	×
	Date	Currency Code	CPI (Prev Month)	GDP Growth Rate (Prev Year)	Interest Rate (Prev Year)	To MYR	From MYR	
		₹	₹	₹	₹	₹	₹	
	12/8/2021	BND	102.6264	1.203	9.1407	3.0941	0.3232	
	12/8/2021	CAD	143.9	-5.3129	0.1316	3.3389	0.2995	
	12/8/2021	CHF	101.6346	-2.3928	2.7416	4.5683	0.2189	
	12/8/2021	CNY	101.3	2.3	3.0236	0.6641	1.5058	
	12/8/2021	EGP	111.0115	3.5697	2.1951	0.2686	3.723	
5 rows < 1-5 of 12597 >								

ID & Description	C-6 Filter Data by All Columns
Permissions	All Authenticated Users
Steps	<p>1) Enter the Dataset Page by following the steps shown in C-3. 2) Enter the values to be searched.</p>  <p>The screenshot shows the 'Currency Exchange Rate' table. A search bar at the top right is highlighted with a yellow box and contains the text 'USD'. Below the search bar, the table headers 'To MYR' and 'From MYR' are visible, followed by two filter icons (three horizontal lines) and two empty input fields.</p>
Expected Result	The data that contain the value in either one of the columns will be shown

	Currency Exchange Rate			
	Date	Currency Code	CPI (Prev Month)	GDP Growth Rate (Prev Year)
		₹	₹	₹
	12/8/2021	USD	126.8434	-3.4861
	12/7/2021	USD	126.8434	-3.4861
	12/6/2021	USD	126.8434	-3.4861
	12/3/2021	USD	126.8434	-3.4861
	12/2/2021	USD	126.8434	-3.4861

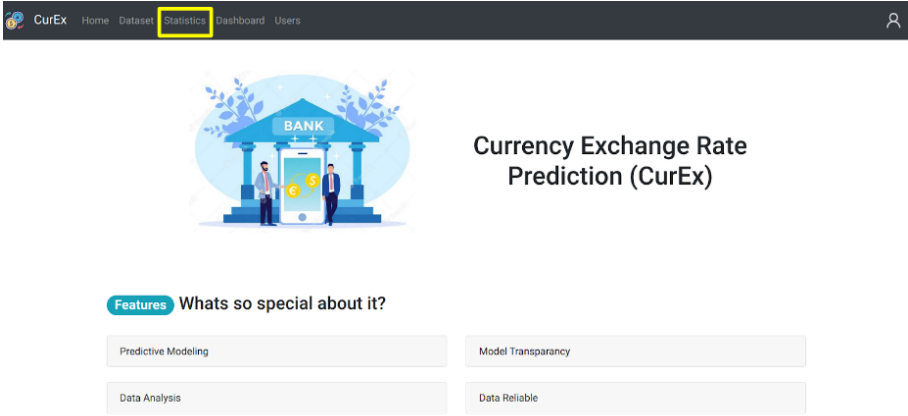
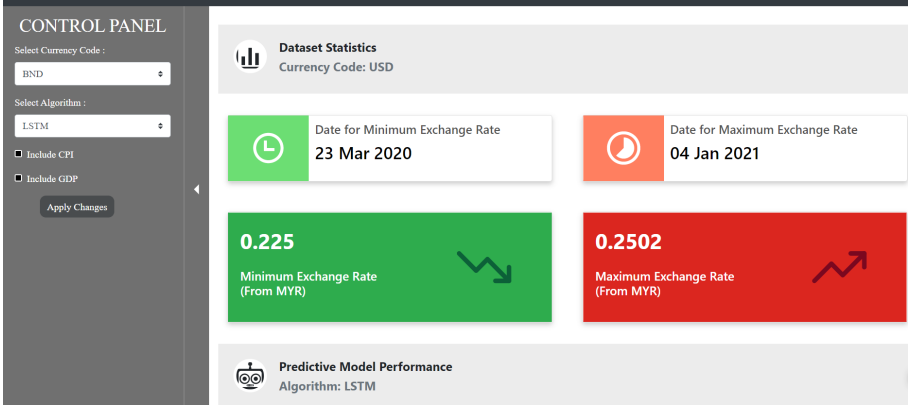
ID & Description	C-7 Filter Data by One Column
Permissions	All Authenticated Users
Steps	<div>1) Enter the Dataset Page by following the steps shown in C-3.</div> <div>2) Enter value on the column that is wished to be filtered.</div> <div>Currency Exchange Rate</div> <div><div>Date</div><div>Currency Code</div><div>CPI (Prev Month)</div><div><div>December 2nd</div><div></div><div></div></div></div>
Expected Result	The data that contains the value in the selected column will be shown.

	Currency Exchange Rate			
	Date	Currency Code	CPI (Prev Month)	GDP Growth Rate (Prev Year)
	December 2nd	₹	₹	₹
	12/2/2021	BND	102.6264	1.203
	12/2/2021	CAD	143.9	-5.3129
	12/2/2021	CHF	101.6346	-2.3928
	12/2/2021	CNY	101.3	2.3
	12/2/2021	EGP	111.0115	3.5697

ID & Description	C-8 Sort Data by One Column
Permissions	All Authenticated Users
Steps	<ol style="list-style-type: none"> 1) Enter the Dataset Page by following the steps shown in C-3. 2) Click on the header of the column that is wished to be used to sort the data.

	<div>Currency Code ↓</div> <div>≡</div> <div>BND</div> <div>CAD</div> <div>CHF</div> <div>CNY</div> <div>EGP</div>																												
Expected Result	<div>The data shown will be sorted by the selected column.</div> <table><tr><th>Date</th><th>Currency Code ↓</th><th>CPI (Prev Month) ↓</th><th>GDP Growth Rate (Prev Year)</th></tr><tr><td></td><td>≡</td><td>≡</td><td>≡</td></tr><tr><td>12/8/2021</td><td>BND</td><td>102.6264</td><td>1.203</td></tr><tr><td>12/7/2021</td><td>BND</td><td>102.6264</td><td>1.203</td></tr><tr><td>12/6/2021</td><td>BND</td><td>102.6264</td><td>1.203</td></tr><tr><td>12/3/2021</td><td>BND</td><td>102.6264</td><td>1.203</td></tr><tr><td>12/2/2021</td><td>BND</td><td>102.6264</td><td>1.203</td></tr></table>	Date	Currency Code ↓	CPI (Prev Month) ↓	GDP Growth Rate (Prev Year)		≡	≡	≡	12/8/2021	BND	102.6264	1.203	12/7/2021	BND	102.6264	1.203	12/6/2021	BND	102.6264	1.203	12/3/2021	BND	102.6264	1.203	12/2/2021	BND	102.6264	1.203
Date	Currency Code ↓	CPI (Prev Month) ↓	GDP Growth Rate (Prev Year)																										
	≡	≡	≡																										
12/8/2021	BND	102.6264	1.203																										
12/7/2021	BND	102.6264	1.203																										
12/6/2021	BND	102.6264	1.203																										
12/3/2021	BND	102.6264	1.203																										
12/2/2021	BND	102.6264	1.203																										

Statistics Page

ID & Description	C-9 Access StatisticsPage
Permissions	All Authenticated Users
Steps	<p>1) Click on the “Statistics” button on the navigation bar.</p> 
Expected Result	<p>User enters the Statistics Page.</p> 

ID & Description	C-10 Select Currency Code in Statistics Page
Permissions	All Authenticated Users
Steps	<p>1) Click on the select field below “Select Currency Code” under the control panel and choose the desired currency code.</p>

CONTROL PANEL

Select Currency Code :



BND

BND

CAD

CHF

CNY

EGP

HKD

IDR

INR

JPY

KRW

MMK

PHP

PKR

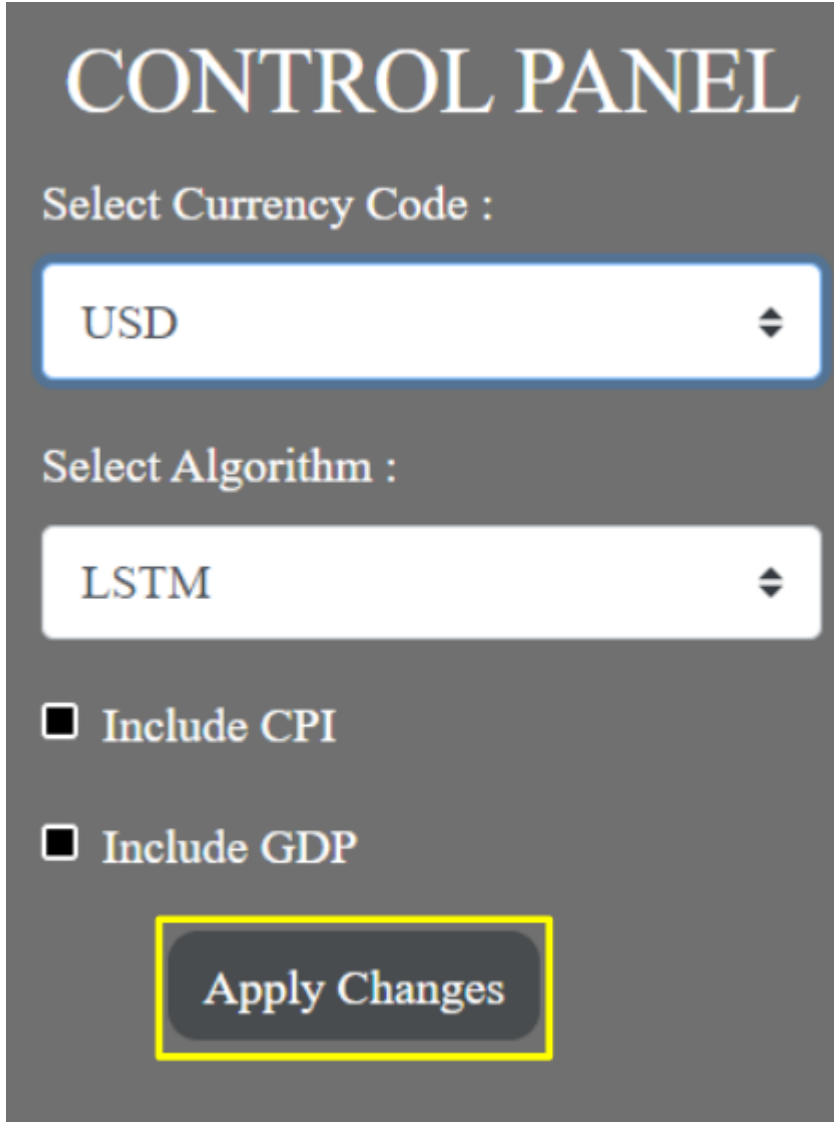
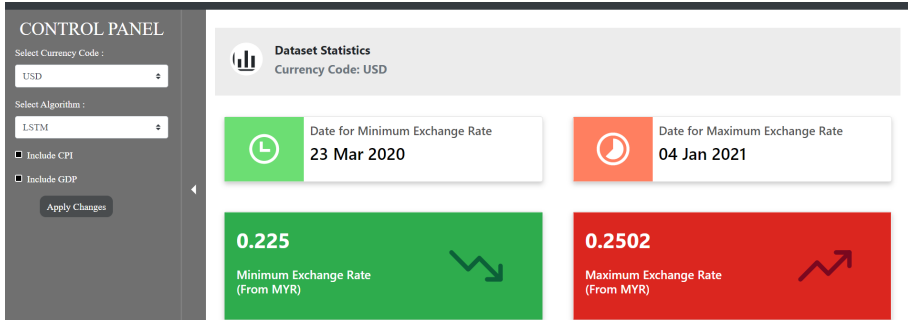
SGD

THB

USD

VND

2) Click on the “Apply Changes” button.

	
Expected Result	<p>The statistics shown will be according to the currency code that has been chosen.</p> 

ID & Description	C-11 Select Algorithm in Statistics Page
Permissions	Admin and Developer Only

Steps

- 1) Click on the field below “Select Algorithm” under the control panel and choose the desired algorithm to be used.



CONTROL PANEL

Select Currency Code :

USD

Select Algorithm :





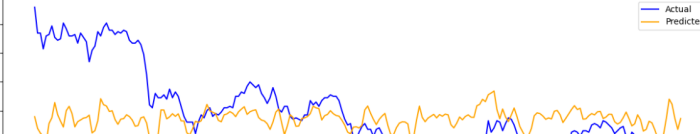
LSTM

LSTM

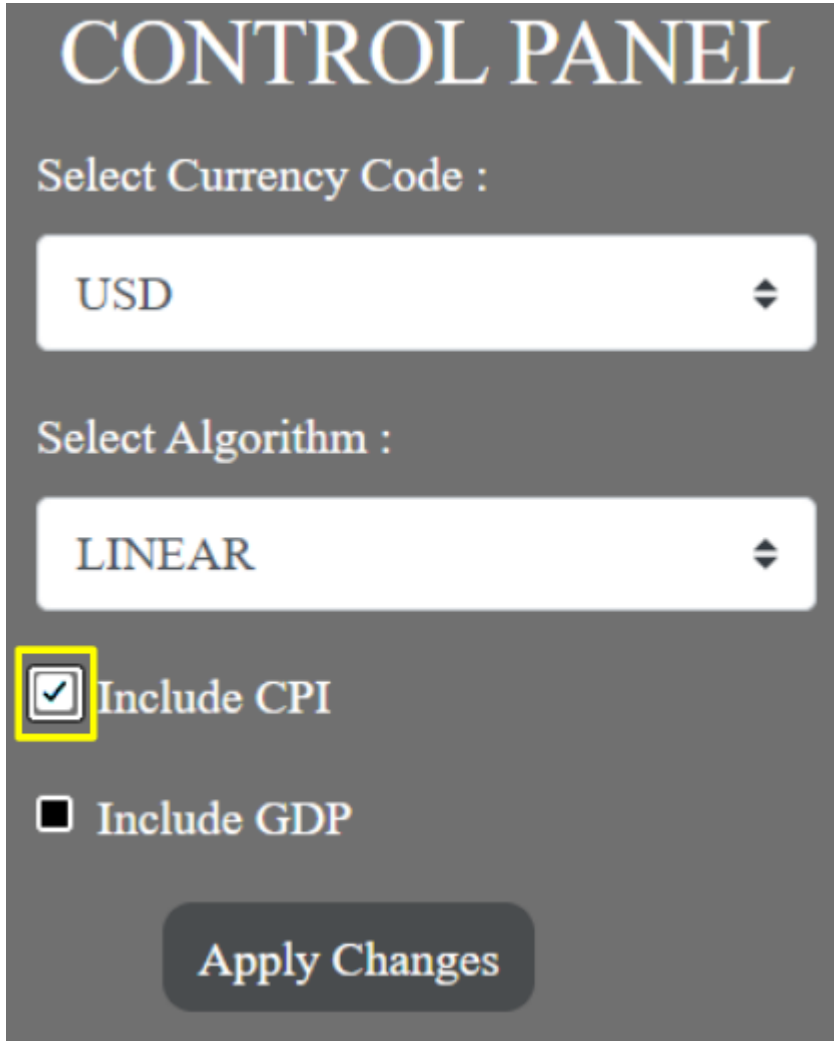
POLYNOMIAL





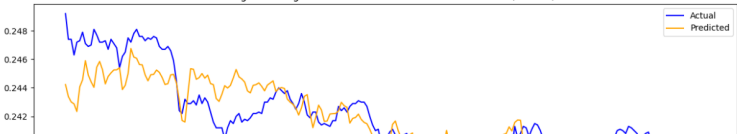
LINEAR

- 2) Click on the “Apply Changes” button.

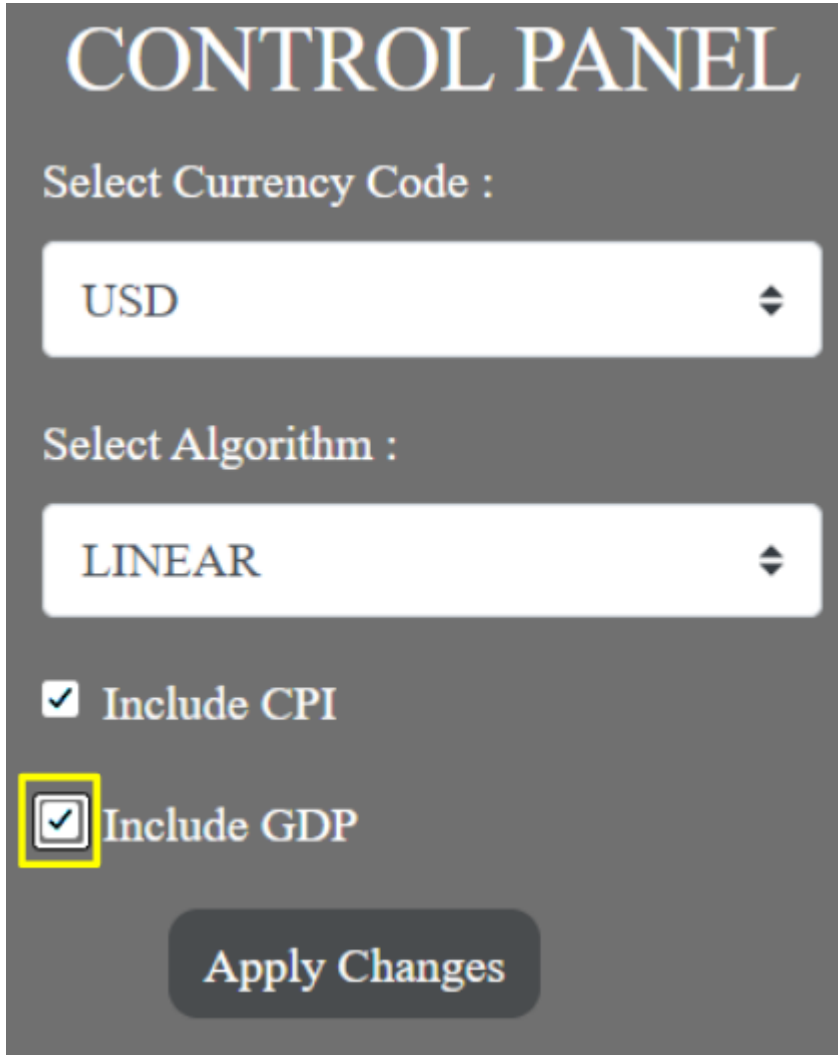
	<div data-bbox="517 210 1342 1258"> <h1>CONTROL PANEL</h1> <p>Select Currency Code :</p> <div data-bbox="549 461 1331 577">USD</div> <p>Select Algorithm :</p> <div data-bbox="549 719 1331 835">LINEAR</div> <div data-bbox="549 898 845 943"> <input type="checkbox"/> Include CPI </div> <div data-bbox="549 1016 866 1061"> <input type="checkbox"/> Include GDP </div> <div data-bbox="668 1113 1064 1254">Apply Changes</div> </div>
Expected Result	<p>The model performance shown will be according to the algorithm that has been chosen.</p> <div data-bbox="485 1377 1386 1848"> <div data-bbox="496 1384 791 1467">  Predictive Model Performance Algorithm: LINEAR </div> <div data-bbox="496 1496 764 1619"> <div>-0.0112</div> <div>R Square</div>  </div> <div data-bbox="804 1496 1070 1619"> <div>0.0034</div> <div>RMSE</div>  </div> <div data-bbox="1110 1496 1378 1619"> <div>0.0027</div> <div>MAE</div>  </div> <div data-bbox="560 1693 1310 1848"> <p>Foreign Exchange Rate of MYR-USD with Window Size of 3 (LINEAR)</p>  </div> </div>

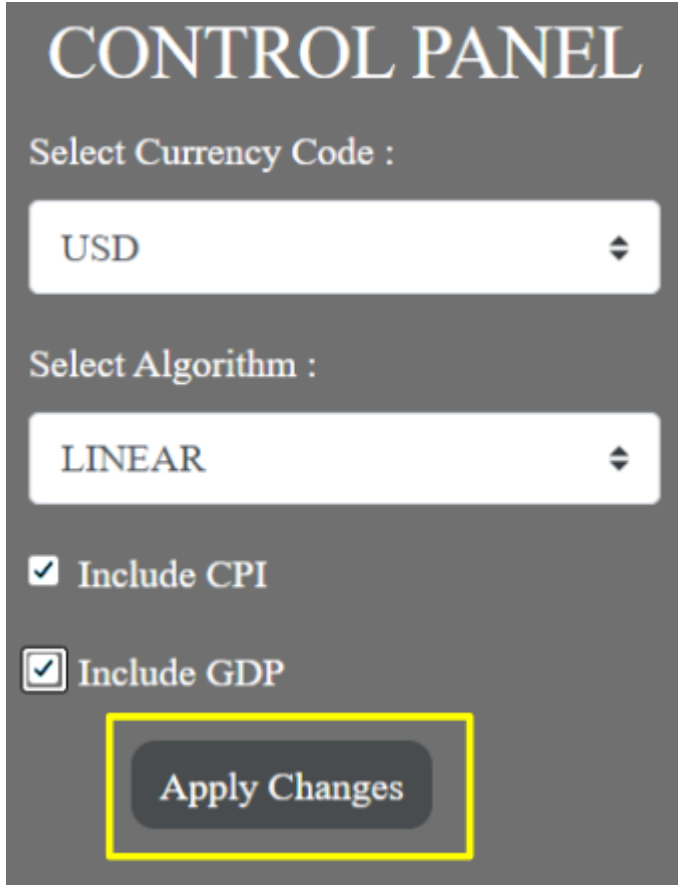
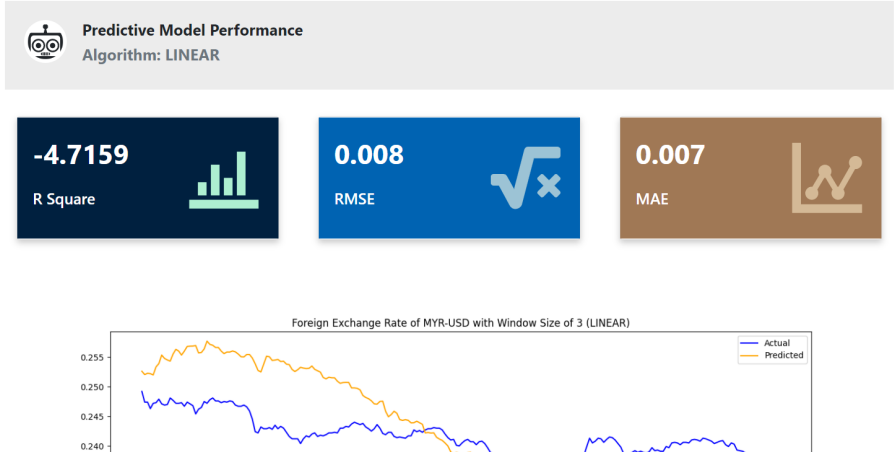
ID & Description	C-12 Include CPI in Statistics Page
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Permissions	Admin and Developer Only
Steps	<p>1) Click on the field beside “Include CPI” under the control panel and include/exclude CPI for the predictive model.</p>  <p>2) Click on the “Apply Changes” button.</p>

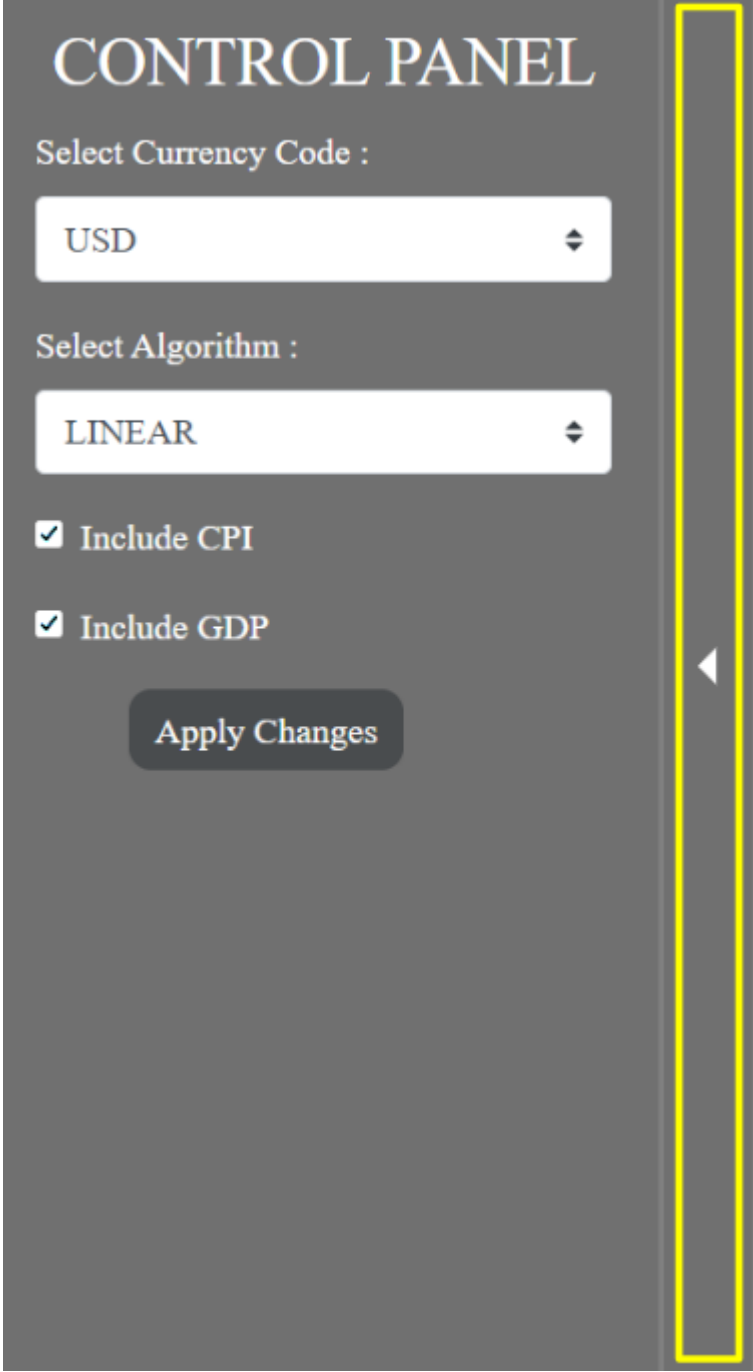
	<div data-bbox="513 208 1345 1265"> <h2>CONTROL PANEL</h2> <p>Select Currency Code :</p> <div>USD</div> <p>Select Algorithm :</p> <div>LINEAR</div> <p><input checked="" type="checkbox"/> Include CPI</p> <p><input type="checkbox"/> Include GDP</p> <div>Apply Changes</div> </div>
Expected Result	<p>The model performance shown will be according to whether the CPI is included.</p> <div data-bbox="486 1384 1383 1848"> <div>  Predictive Model Performance Algorithm: LINEAR </div> <div> 0.6219 R Square  </div> <div> 0.0021 RMSE  </div> <div> 0.0017 MAE  </div> <div> <p>Foreign Exchange Rate of MYR-USD with Window Size of 3 (LINEAR)</p>  </div> </div>

ID & Description	C-13 Include GDP in Statistics Page
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Permissions	Admin and Developer Only
Steps	<p>1) Click on the field beside “Include GDP” under the control panel and include/exclude GDP for the predictive model.</p>  <p>2) Click on the “Apply Changes” button.</p>

	
Expected Result	<p>The model performance shown will be according to whether the GDP is included.</p> 

ID & Description	C-14 Close Control Panel in Statistics Page
Permissions	All Authenticated Users
Steps	1) Click on the arrow beside the control panel.

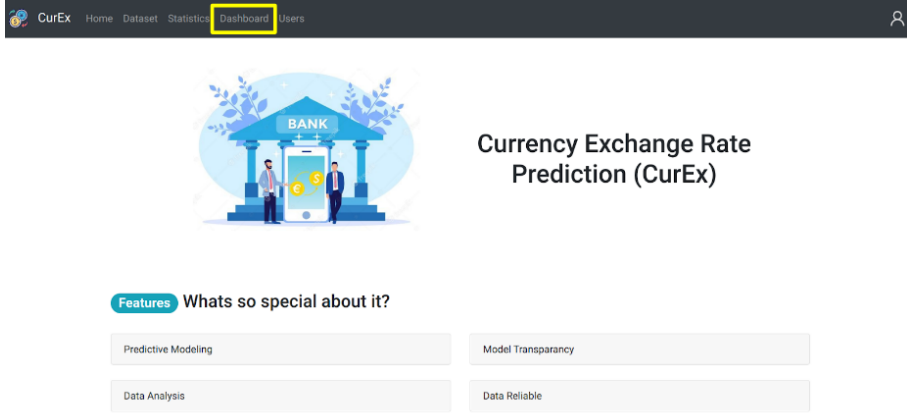
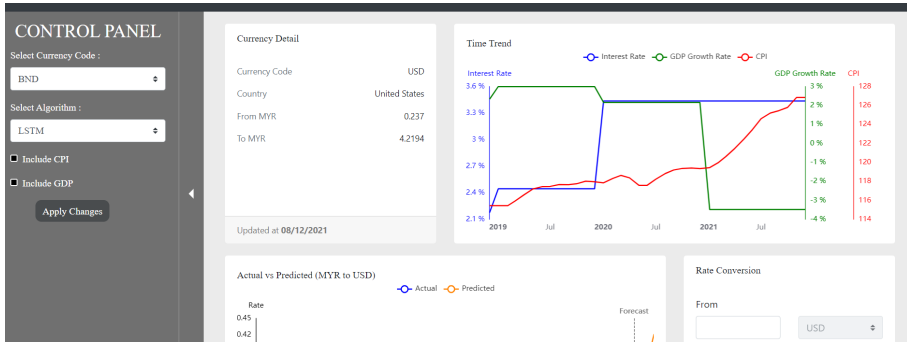
	
Expected Result	The control panel in the Statistics Page will be closed.

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ID & Description	C-15 Open Control Panel in Statistics Page
Permissions	All Authenticated Users
Steps	<p>1) Click on the arrow on the left of the page.</p>
Expected Result	<p>The control panel in the Statistics Page will be opened.</p>

Dashboard Page

ID & Description	C-16 Access Dashboard Page
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Permissions	All Authenticated Users
Steps	<p>1) Click on the “Dashboard” button on the navigation bar.</p> 
Expected Result	<p>User enters the Dashboard Page.</p> 

ID & Description	C-17 Convert Currency Code
Permissions	All Authenticated Users
Steps	<p>1) Enter a numeric value below “From” under the Rate Conversion Panel.</p>

	<div><h3>Rate Conversion</h3><p>From</p><div><div>32.1</div><div>USD</div></div><p>To</p><div><div></div><div>BND</div></div><div>Calculate</div></div> <p>2) Select the currency code to be converted into below “To” under the Rate Conversion Panel.</p>
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Rate Conversion

From

To

Calculate

3) Click on the "Calculate" button.

	<div><div>Rate Conversion</div><div><div>From</div><div><div>32.1</div><div>USD</div></div></div><div><div>To</div><div><div></div><div>BND</div></div></div><div><div>Calculate</div></div></div>
Expected Result	The value will be shown below the field under “To”.

	<div> <div>Rate Conversion</div> <div> <div>From</div> <div> <input type="text" value="32.1"/> <div> <div>USD</div> <div>⬆️⬆️</div> </div> </div> </div> <div> <div>To</div> <div> <div>43.775093568</div> <div> <div>BND</div> <div>⬆️⬆️</div> </div> </div> </div> <div> <div>Calculate</div> </div> </div>
--	---

ID & Description	C-18 Select Currency Code in Dashboard Page
Permissions	All Authenticated Users
Steps	1) Click on the select field below “Select Currency Code” under the control panel and choose the desired currency code.

CONTROL PANEL

Select Currency Code :



BND

BND

CAD

CHF

CNY

EGP

HKD

IDR

INR

JPY

KRW

MMK

PHP

PKR

SGD

THB

USD

VND

2) Click on the “Apply Changes” button.

CONTROL PANEL

Select Currency Code :

USD

Select Algorithm :

LSTM

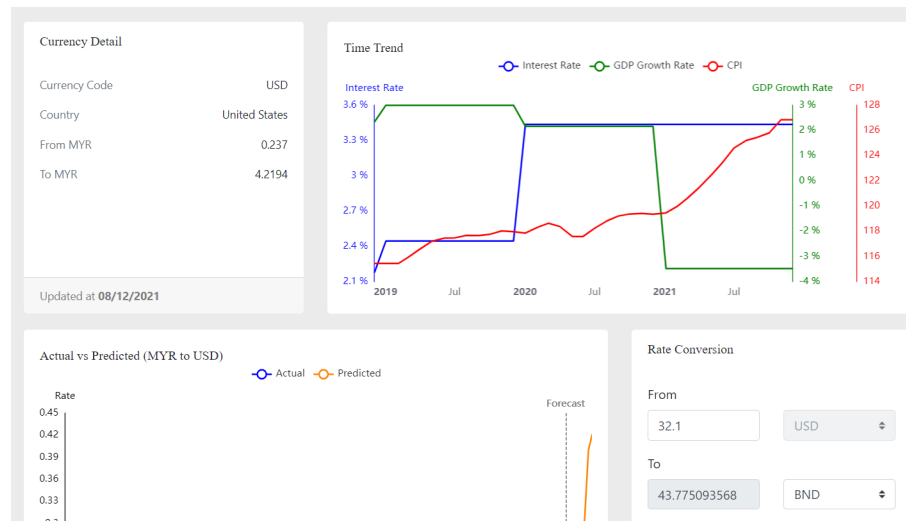
☐ Include CPI

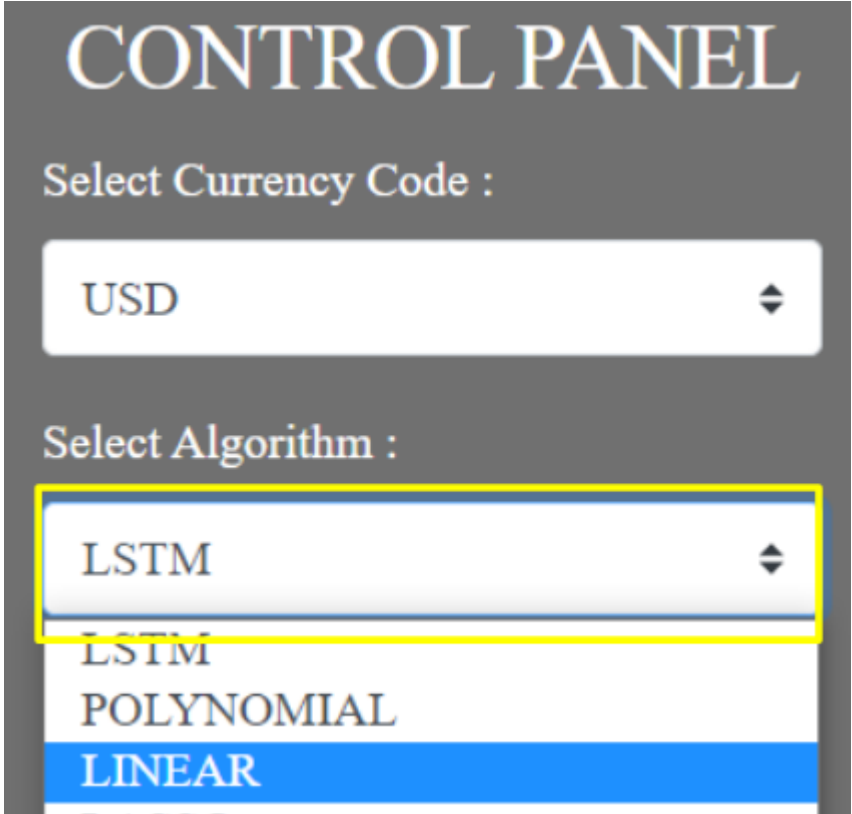
☐ Include GDP

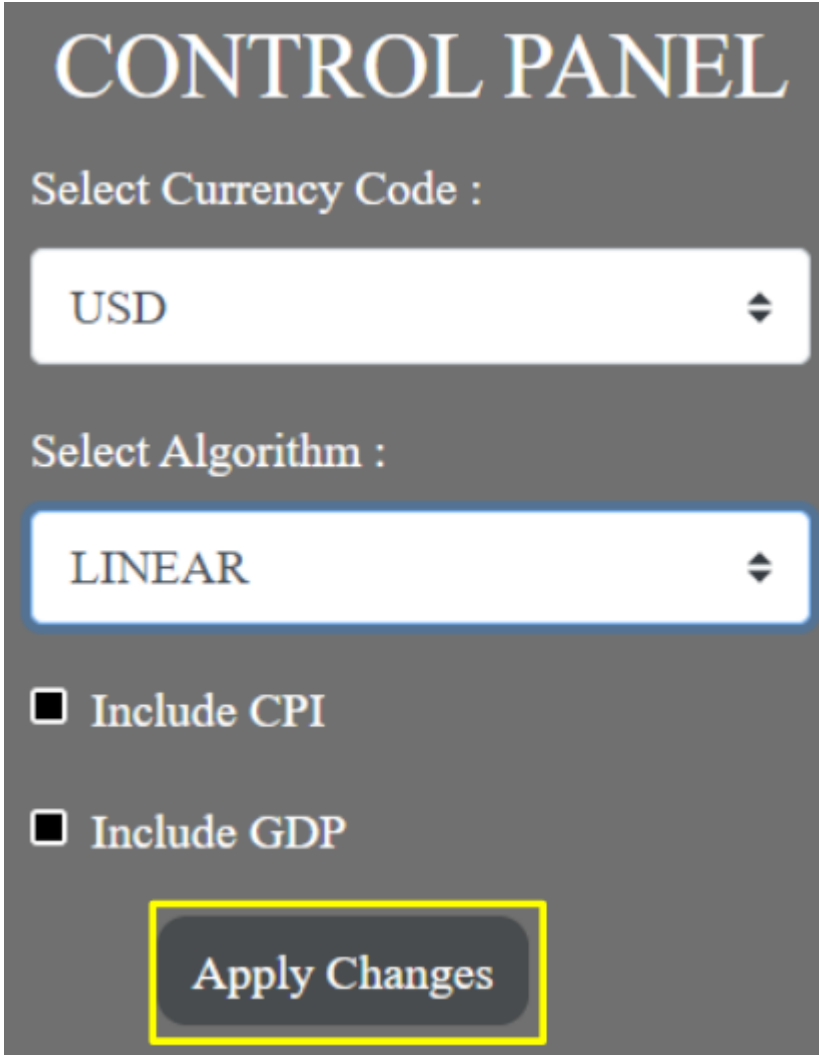
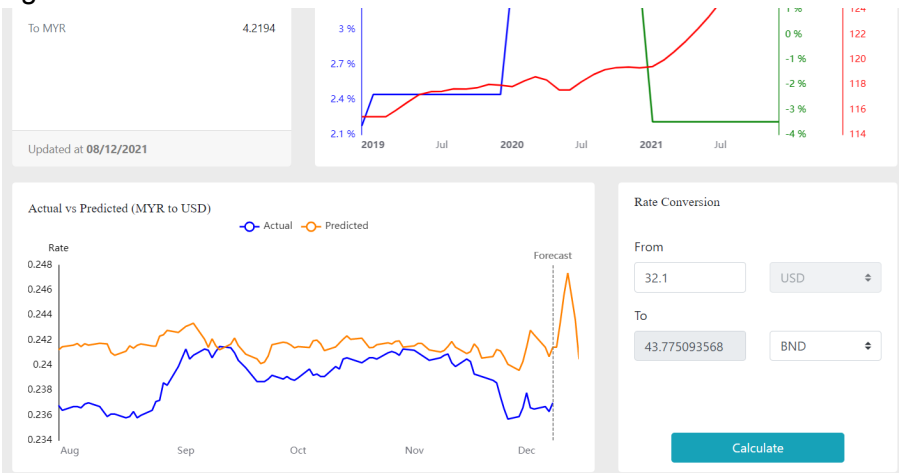
Apply Changes

Expected Result

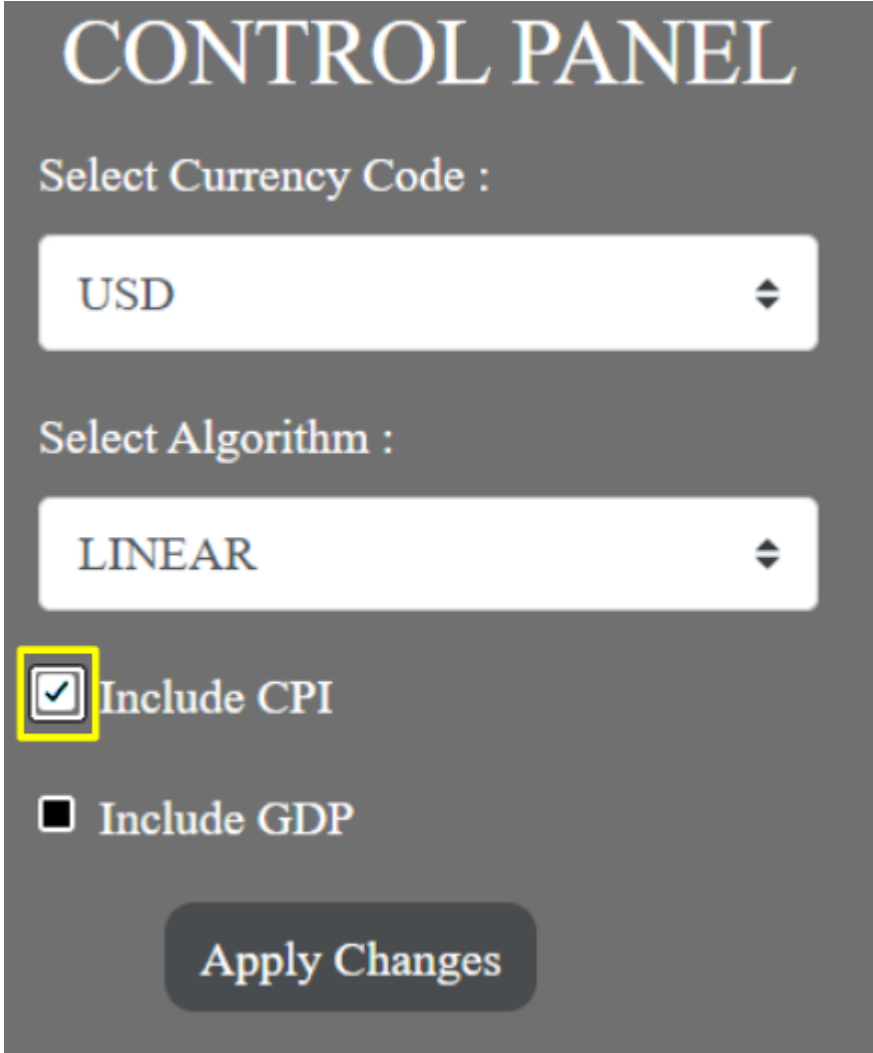
The dashboard shown will be according to the currency code that has been chosen.



ID & Description	C-19 Select Algorithm in Dashboard Page
Permissions	Admin and Developer Only
Steps	<p>1) Click on the field below “Select Algorithm” under the control panel and choose the desired algorithm to be used.</p>  <p>2) Click on the “Apply Changes” button.</p>

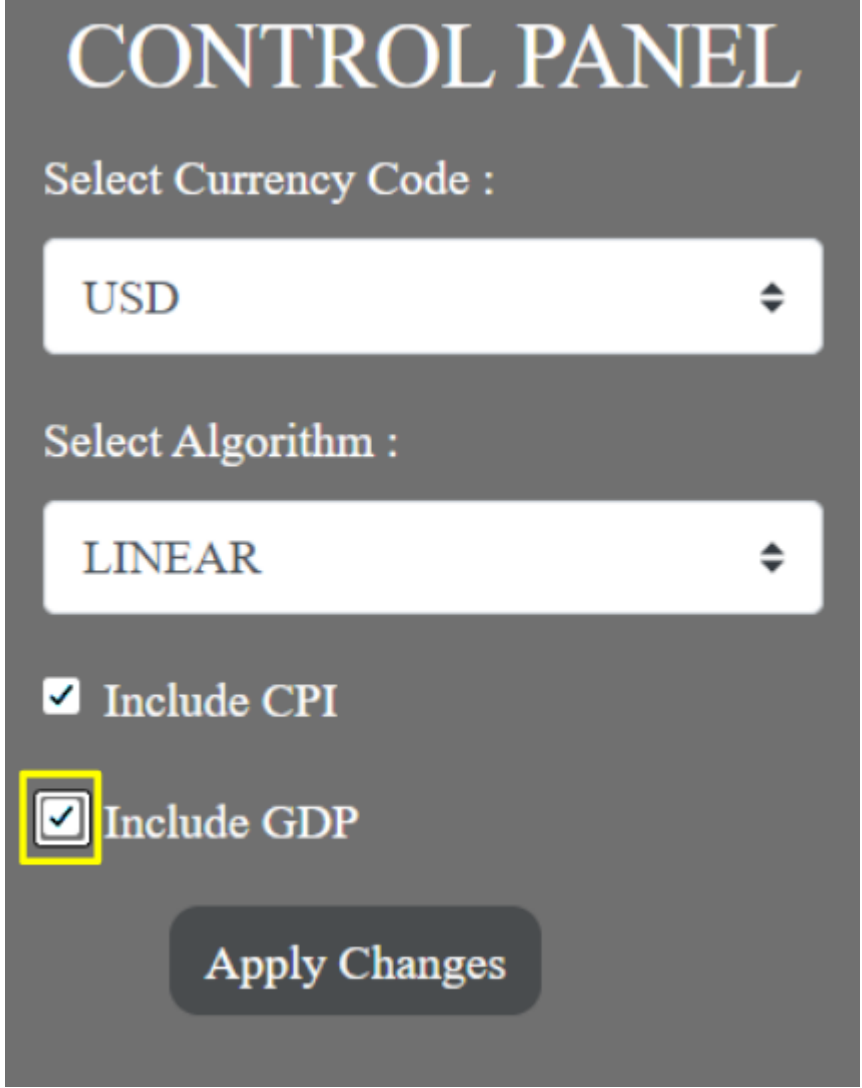
	
Expected Result	<p>The Actual vs Predicted graph shown will be according to the algorithm that has been chosen.</p> 

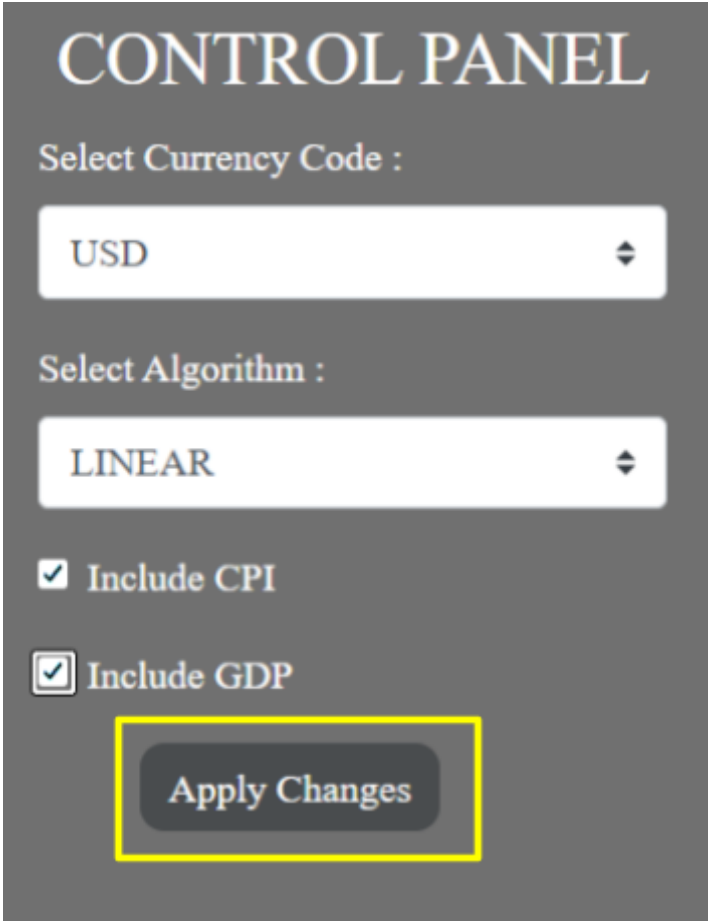
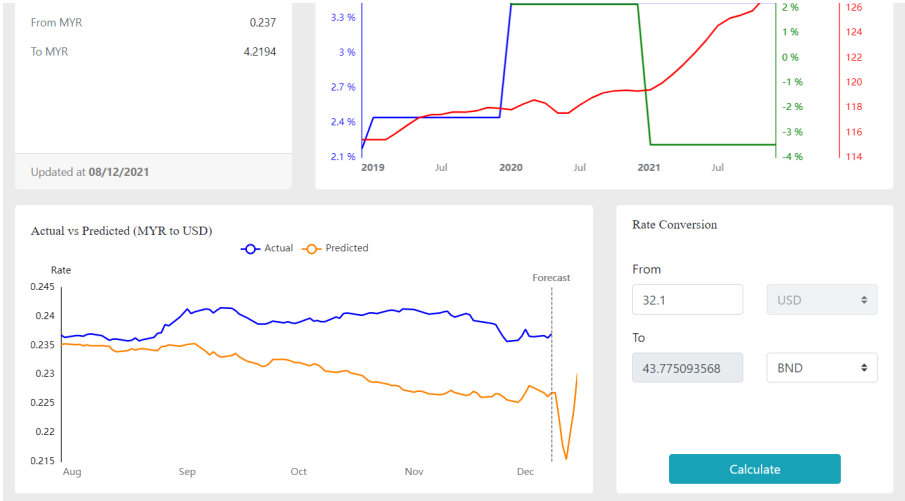
ID & Description	C-20 Include CPI in Dashboard Page
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Permissions	Admin and Developer Only
Steps	<p>1) Click on the field beside “Include CPI” under the control panel and include/exclude CPI for the predictive model.</p>  <p>2) Click on the “Apply Changes” button.</p>

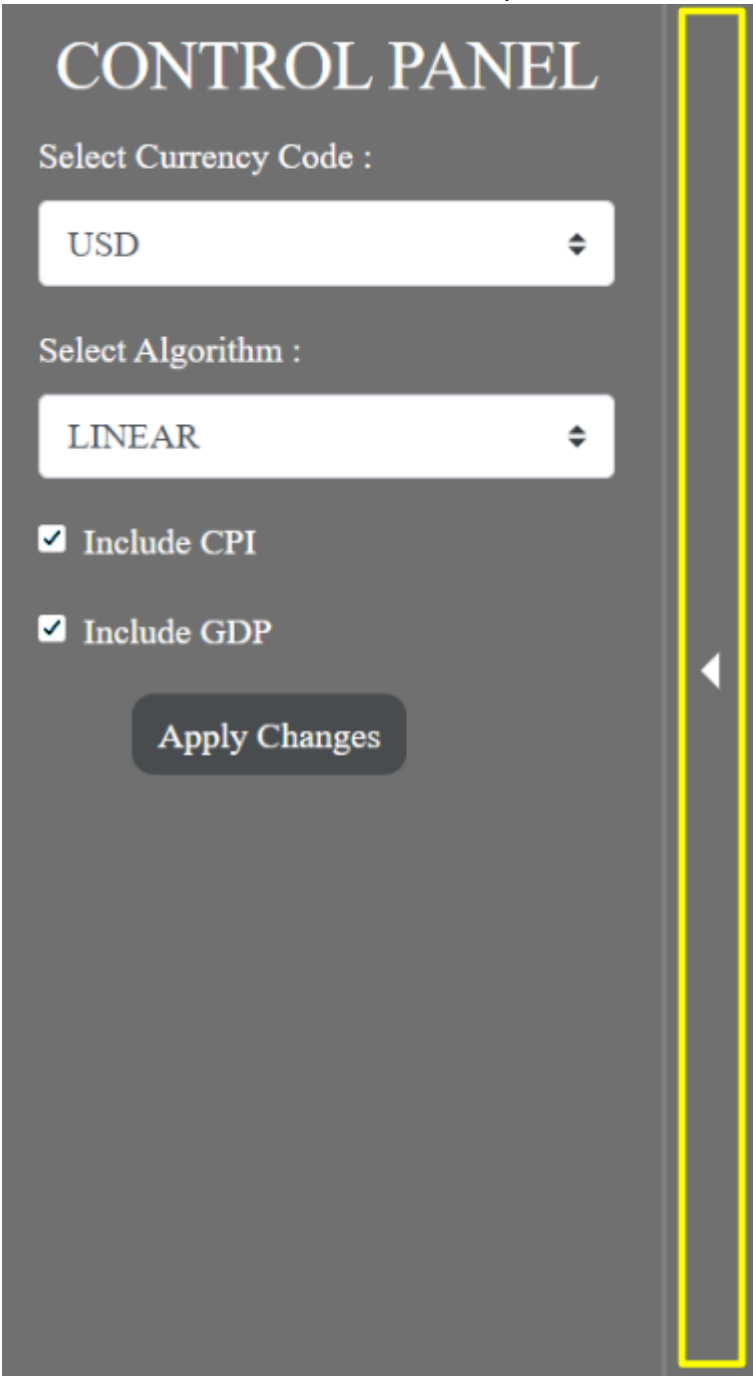
	<div data-bbox="513 208 1345 1263"> <h2>CONTROL PANEL</h2> <p>Select Currency Code :</p> <div>USD</div> <p>Select Algorithm :</p> <div>LINEAR</div> <div> <input checked="" type="checkbox"/> Include CPI <input type="checkbox"/> Include GDP </div> <div>Apply Changes</div> </div>
<p>Expected Result</p>	<p>The Actual vs Predicted graph shown will be according to whether the CPI is included.</p> <div data-bbox="475 1361 1385 1854"> <div> <p>From MYR 0.237</p> <p>To MYR 4.2194</p> <p>Updated at 08/12/2021</p> </div> <div> </div> <div> <p>Actual vs Predicted (MYR to USD)</p> </div> <div> <p>Rate Conversion</p> <p>From 32.1 USD</p> <p>To 43.775093568 BND</p> <p>Calculate</p> </div> </div>

ID & Description	C-21 Include GDP in Dashboard Page
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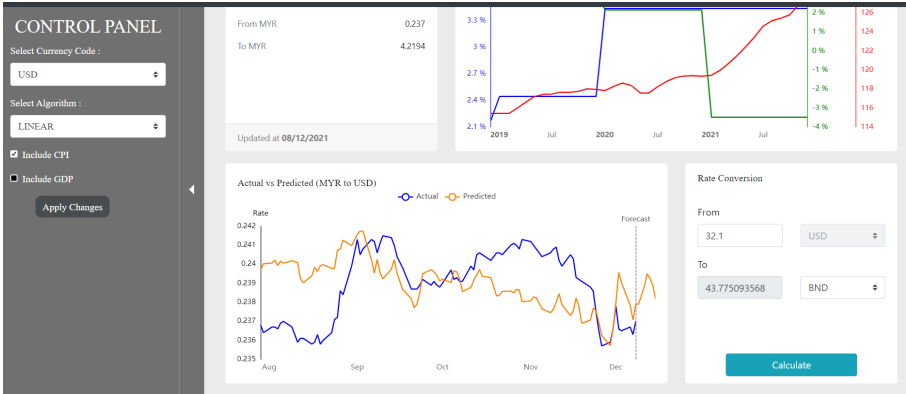
Permissions	Admin and Developer Only
Steps	<p>1) Click on the field beside “Include GDP” under the control panel and include/exclude GDP for the predictive model.</p>  <p>2) Click on the “Apply Changes” button.</p>

	
Expected Result	<p>The Actual vs Predicted graph shown will be according to whether the GDP is included.</p> 


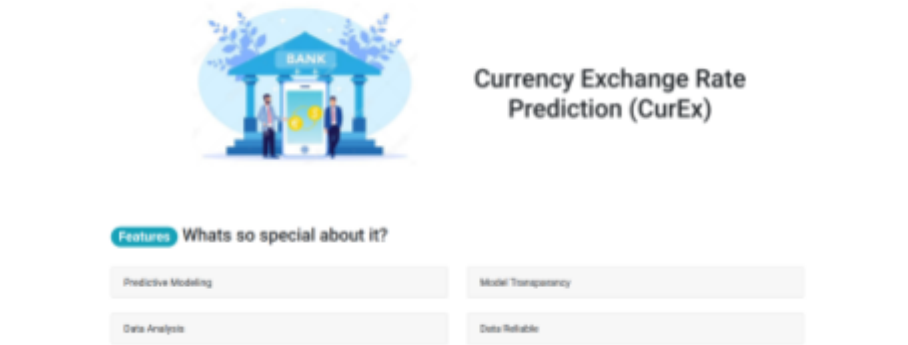
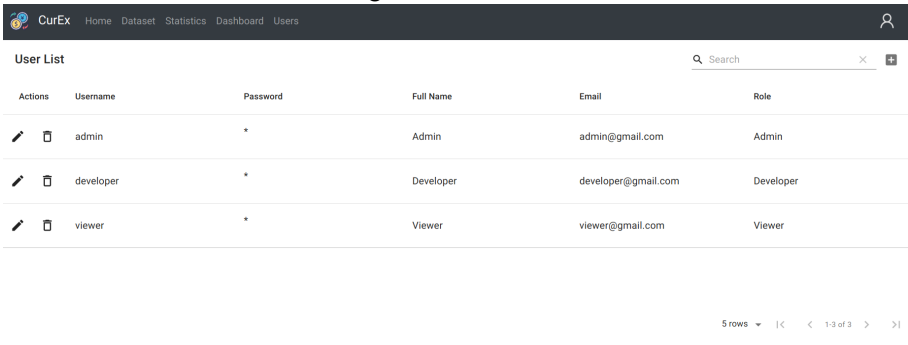
ID & Description	C-22 Close Control Panel in Dashboard Page
Permissions	All Authenticated Users


Steps	<p>1) Click on the arrow beside the control panel.</p> 
Expected Result	The control panel in the Dashboard Page will be closed.



ID & Description	C-23 Open Control Panel in Dashboard Page
Permissions	All Authenticated Users
Steps	<p>1) Click on the arrow on the left of the page.</p> 
Expected Result	<p>The control panel in the Dashboard Page will be opened.</p> 

User

ID & Description	C-24 Access User List Page
Permissions	Admin Only
Steps	<p>1) Click on the “Users” button on the navigation bar.</p>  
Expected Result	<p>User enters the User List Page.</p> 

ID & Description	C-25 Add User
Permissions	Admin Only
Steps	<p>1) Click on the plus icon</p>  <p>2) Fill in the information</p>

CurEx Home Dataset Statistics Dashboard Users

User List

Search

Actions	Username	Password	Full Name	Email	Role
	admin	*	Admin	admin@gmail.com	Admin
	developer	*	Developer	developer@gmail.com	Developer
	viewer	*	Viewer	viewer@gmail.com	Viewer
	<input type="text" value="Username"/> <small>Fill in the field</small>	<input type="password" value="Password"/> <small>Fill in the field</small>	<input type="text" value="Full Name"/> <small>Fill in the field</small>	<input type="text" value="Email"/> <small>Fill in the field</small>	<input type="text" value="Role"/>

3) Click on the tick button

User List

Search

Actions	Username	Password	Full Name	Email	Role
	admin	*	Admin	admin@gmail.com	Admin
	developer	*	Developer	developer@gmail.com	Developer
	viewer	*	Viewer	viewer@gmail.com	Viewer
	test	****	test	test	Developer









Expected Result

Successful notification is shown and the new row of data for the user is added

	viewer	*	Viewer	viewer@gmail.com	Viewer
	test	*	test	test	Developer

5 rows |< > 1-4 of 4 |>









User Added ✕
A new user is added successfully.

Actions	Username	Password	Full Name	Email	Role
 	admin	*	Admin	admin@gmail.com	Admin
 	developer	*	Developer	developer@gmail.com	Developer
 	viewer	*	Viewer	viewer@gmail.com	Viewer
 	test_edited	*	test_edited	test_edited	Developer

5 rows |< < 1-4 of 4 > >|

Expected Result














































Successful notification is shown and the row of data for the user is changed.

Actions	Username	Password	Full Name	Email	Role
 	admin	*	Admin	admin@gmail.com	Admin
 	developer	*	Developer	developer@gmail.com	Developer
 	viewer	*	Viewer	viewer@gmail.com	Viewer
 	test	*	test	test	Developer

5 rows |< < 1-4 of 4 > >|

User Updated ✕

The info of the user is updated successfully.

ID & Description	C-27 Delete User																																																												
Permissions	Admin Only																																																												
Steps	<div>1) Click on the rubbish bin icon.</div> <div><table><tr><th>Actions</th><th>Username</th><th>Password</th><th>Full Name</th><th>Email</th><th>Role</th></tr><tr><td> </td><td>admin</td><td>*</td><td>Admin</td><td>admin@gmail.com</td><td>Admin</td></tr><tr><td> </td><td>developer</td><td>*</td><td>Developer</td><td>developer@gmail.com</td><td>Developer</td></tr><tr><td> </td><td>viewer</td><td>*</td><td>Viewer</td><td>viewer@gmail.com</td><td>Viewer</td></tr><tr><td> </td><td>test</td><td>*</td><td>test</td><td>test</td><td>Developer</td></tr></table><div>5 rows < < 1-4 of 4 > > </div></div> <div>2) Click on the tick icon.</div> <div><table><tr><th>Actions</th><th>Username</th><th>Password</th><th>Full Name</th><th>Email</th><th>Role</th></tr><tr><td> </td><td>admin</td><td>*</td><td>Admin</td><td>admin@gmail.com</td><td>Admin</td></tr><tr><td> </td><td>developer</td><td>*</td><td>Developer</td><td>developer@gmail.com</td><td>Developer</td></tr><tr><td> </td><td>viewer</td><td>*</td><td>Viewer</td><td>viewer@gmail.com</td><td>Viewer</td></tr><tr><td> ×</td><td colspan="5">Are you sure you want to delete this row?</td></tr></table><div>5 rows < < 1-4 of 4 > > </div></div>	Actions	Username	Password	Full Name	Email	Role	 	admin	*	Admin	admin@gmail.com	Admin	 	developer	*	Developer	developer@gmail.com	Developer	 	viewer	*	Viewer	viewer@gmail.com	Viewer	 	test	*	test	test	Developer	Actions	Username	Password	Full Name	Email	Role	 	admin	*	Admin	admin@gmail.com	Admin	 	developer	*	Developer	developer@gmail.com	Developer	 	viewer	*	Viewer	viewer@gmail.com	Viewer	 ×	Are you sure you want to delete this row?				
Actions	Username	Password	Full Name	Email	Role																																																								
 	admin	*	Admin	admin@gmail.com	Admin																																																								
 	developer	*	Developer	developer@gmail.com	Developer																																																								
 	viewer	*	Viewer	viewer@gmail.com	Viewer																																																								
 	test	*	test	test	Developer																																																								
Actions	Username	Password	Full Name	Email	Role																																																								
 	admin	*	Admin	admin@gmail.com	Admin																																																								
 	developer	*	Developer	developer@gmail.com	Developer																																																								
 	viewer	*	Viewer	viewer@gmail.com	Viewer																																																								
 ×	Are you sure you want to delete this row?																																																												
Expected Result	Successful notification is shown and the row of data for the user is deleted.																																																												

User List

Search

×

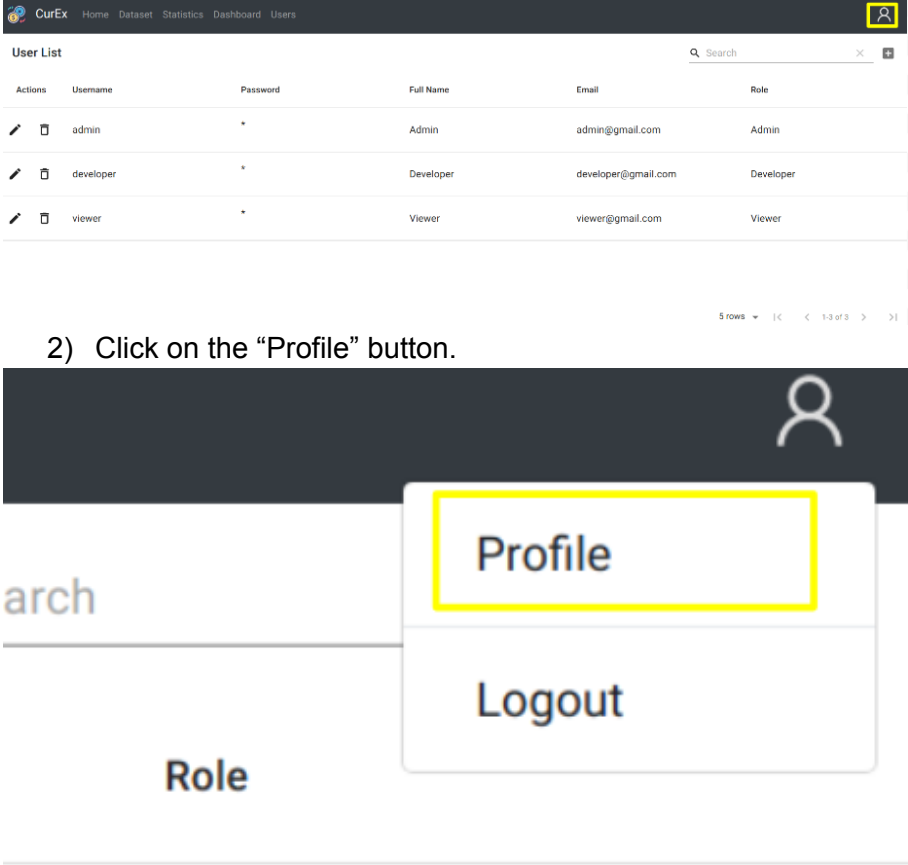
+

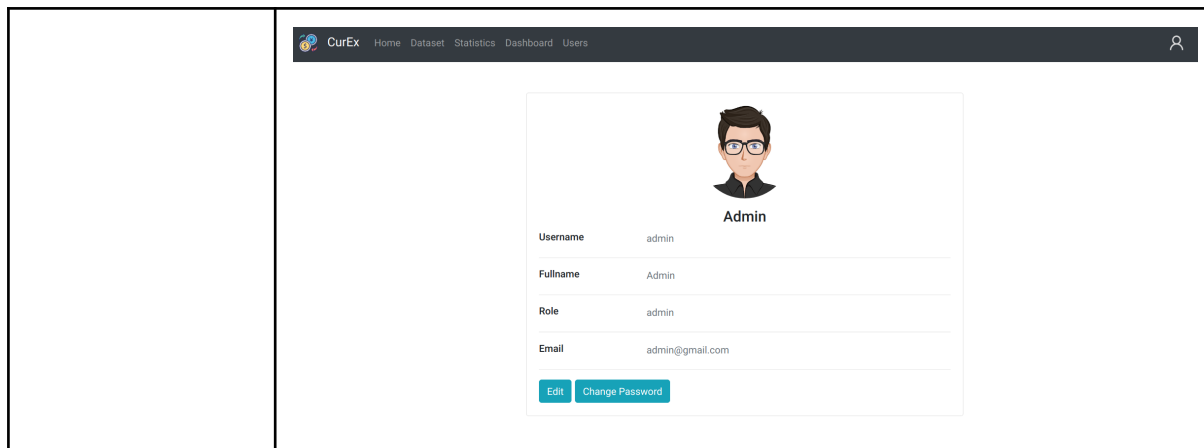
Actions	Username	Password	Full Name	Email	Role
<div><div></div><div></div></div>	admin	*	Admin	admin@gmail.com	Admin
<div><div></div><div></div></div>	developer	*	Developer	developer@gmail.com	Developer
<div><div></div><div></div></div>	viewer	*	Viewer	viewer@gmail.com	Viewer

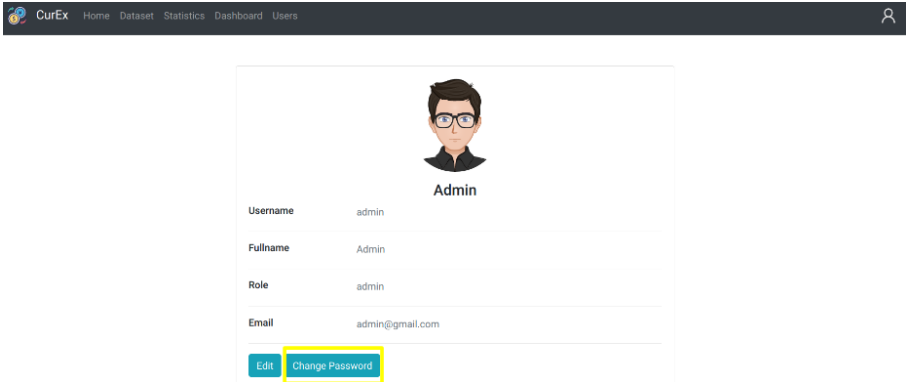
5 rows | < > 1-3 of 3 > |

User Deleted

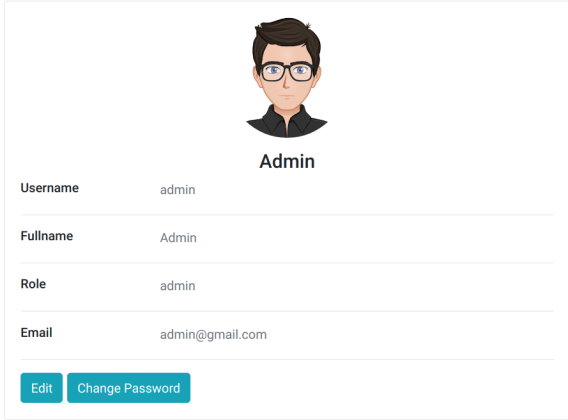
The user is deleted successfully.

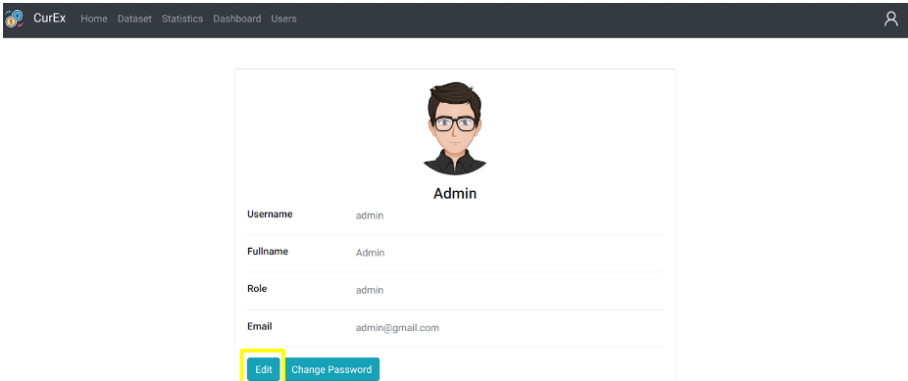
ID & Description	C-28 Access User Profile Page
Permissions	All Authenticated Users
Steps	<p>1) Click on the user icon on the navigation bar.</p>  <p>2) Click on the "Profile" button.</p>
Expected Result	User enters the User Profile Page.

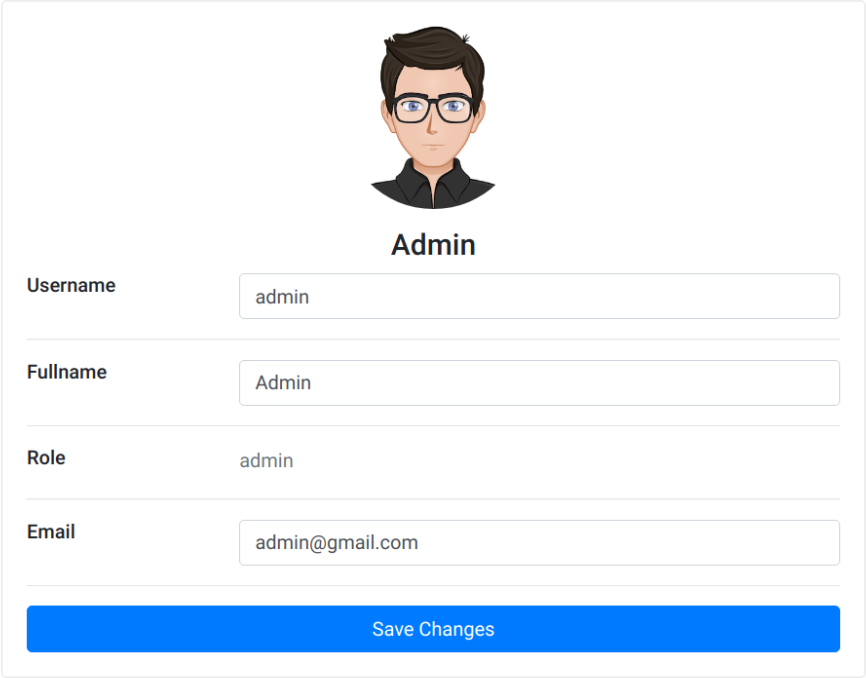
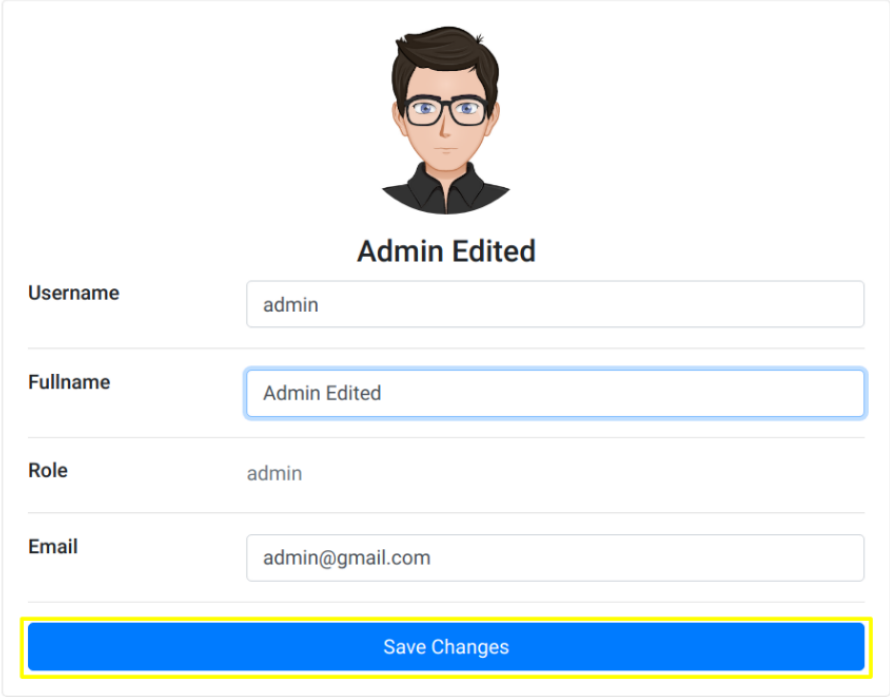



ID & Description	C-29 Change Password
Permissions	All Authenticated Users
Steps	<p>1) Enter the User Profile Page, may refer to C-20. 2) Click on the “Change Password” button.</p>  <p>3) Enter the Change Password Page.</p>

	<div><div><h3>Change Password</h3><p>Old Password</p><input type="password" value="Enter old password"/><p>New Password</p><input type="password" value="Enter new password"/><p>Submit</p></div><p>4) Fill in the old password and new password. Notes: Make sure the old password is correctly entered.</p><div><div><h3>Change Password</h3><p>Old Password</p><input type="password" value="....."/><p>New Password</p><input type="password" value="..... "/><p>Submit</p></div><p>5) Click the “Submit” button.</p></div></div>
Expected Result	Successful notification is shown and the password for the user is changed.

	<div>  <div> <p>Username admin</p> <p>Fullname Admin</p> <p>Role admin</p> <p>Email admin@gmail.com</p> <p> Edit Change Password </p> </div> </div> <div> <p>Password Updated ✕</p> <p>The password of the user is updated successfully.</p> </div>
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ID & Description	C-30 Edit User Profile
Permissions	All Authenticated Users
Steps	<p>1) Enter the User Profile Page, may refer to C-20.</p> <p>2) Click on the “Edit” button.</p>  <p>3) Edit the information.</p>

	<div data-bbox="501 232 1369 907">  <p>A user profile card for 'Admin'. It features a cartoon avatar of a man with glasses and a black shirt. Below the avatar is the name 'Admin'. The card contains four input fields: 'Username' with 'admin', 'Fullname' with 'Admin', 'Role' with 'admin', and 'Email' with 'admin@gmail.com'. At the bottom is a blue 'Save Changes' button.</p> </div> <p data-bbox="523 972 1043 1008">4) Click on the “Save Changes” button.</p> <div data-bbox="491 1014 1383 1709">  <p>A user profile card for 'Admin Edited'. It features the same cartoon avatar. Below the avatar is the name 'Admin Edited'. The card contains four input fields: 'Username' with 'admin', 'Fullname' with 'Admin Edited', 'Role' with 'admin', and 'Email' with 'admin@gmail.com'. At the bottom is a blue 'Save Changes' button. The 'Fullname' field and the 'Save Changes' button are highlighted with a yellow border.</p> </div>
Expected Result	Successful notification is shown and the profile for the user is changed.



Admin Edited

Username	admin
Fullname	Admin Edited
Role	admin
Email	admin@gmail.com

Edit

Change Password

User Updated ✕

The info of the user is updated successfully.