

Using the CICS Bank Sample Application

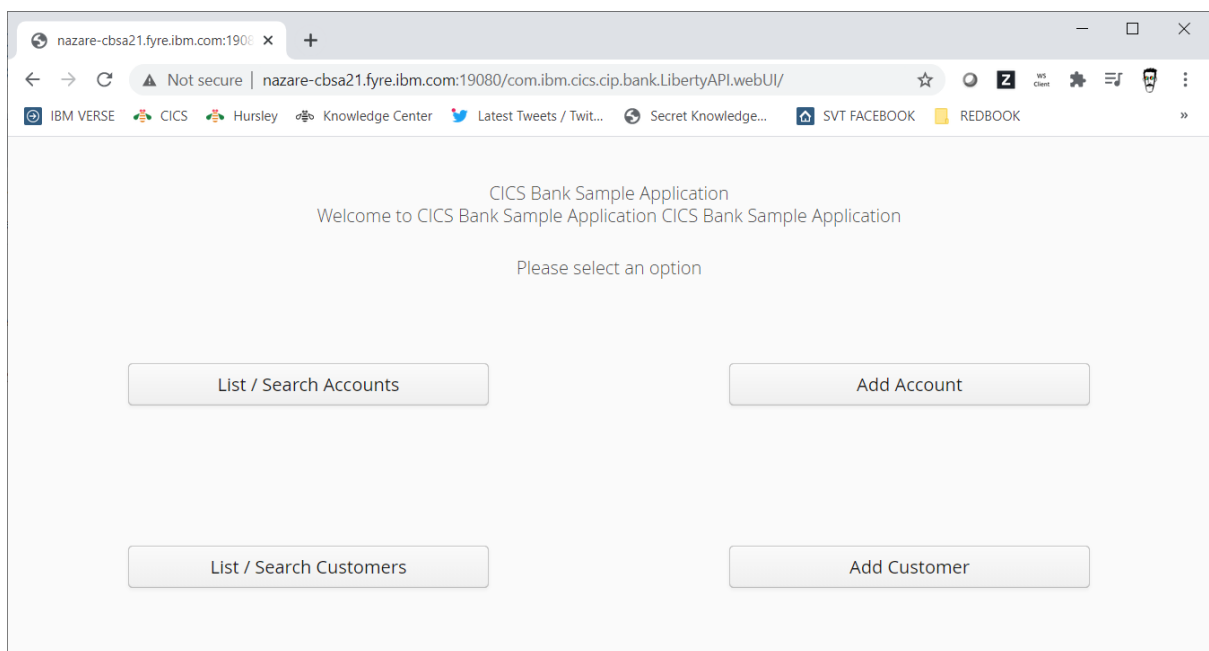
To access the Liberty UI use:

<http://your-allocated-host-name:your-port-number/com.ibm.cics.cip.bank.LibertyAPI.webUI/>

In this example this equates to:

<http://nazare-cbsa21.fyre.ibm.com:19080/com.ibm.cics.cip.bank.LibertyAPI.webUI/>

CICS Bank Sample Application Main Menu



Click on List/Search Accounts

The screenshot shows a web browser window with the URL `nazare-cbsa21.fyre.ibm.com:19080/com.ibm.cics.cip.bank.LibertyAPI.webUI/`. The page title is "CICS Bank Sample Application". At the top, there are input fields for "Account Number", "Customer Number", and a "Balance" slider. A "Search" button is to the right of the slider. Below these fields is a table of accounts. The table has columns for "Account No.", "Customer No.", "Available Balance", and "Actual Balance". To the right of the table are navigation links: "<<<", "<", "1/500", ">", and ">>". For each row, there are "Edit" and "Delete" buttons.

Account No.	Customer No.	Available Balance	Actual Balance
1	1	848199.42	848199.42
2	1	47974.78	47974.78
3	1	252731.97	252731.97
4	1	673503.63	673503.63
5	2	228740.87	228740.87
6	2	145248.42	145248.42
7	2	948123.51	948123.51

From here you can search by account number, customer number or by balance. For now, enter a customer number and click "SEARCH".

The screenshot shows the same web browser window, but the "Customer Number" field now contains the value "1". The "Search" button is highlighted with a blue border. The table below shows only the accounts for customer number 1. The navigation links now show "1/1".

Account No.	Customer No.	Available Balance	Actual Balance
1	1	848199.42	848199.42
2	1	47974.78	47974.78
3	1	252731.97	252731.97
4	1	673503.63	673503.63

You can delete an account by clicking the DELETE button to the right of it.

You can EDIT an account by clicking the EDIT button on the right.

Account Creation / Update

Account Number	Customer Number	Sortcode
1	1	987654
Type		Interest
ISA		2.10
Overdraft Limit		Balance
0		848199.42
Edit account		

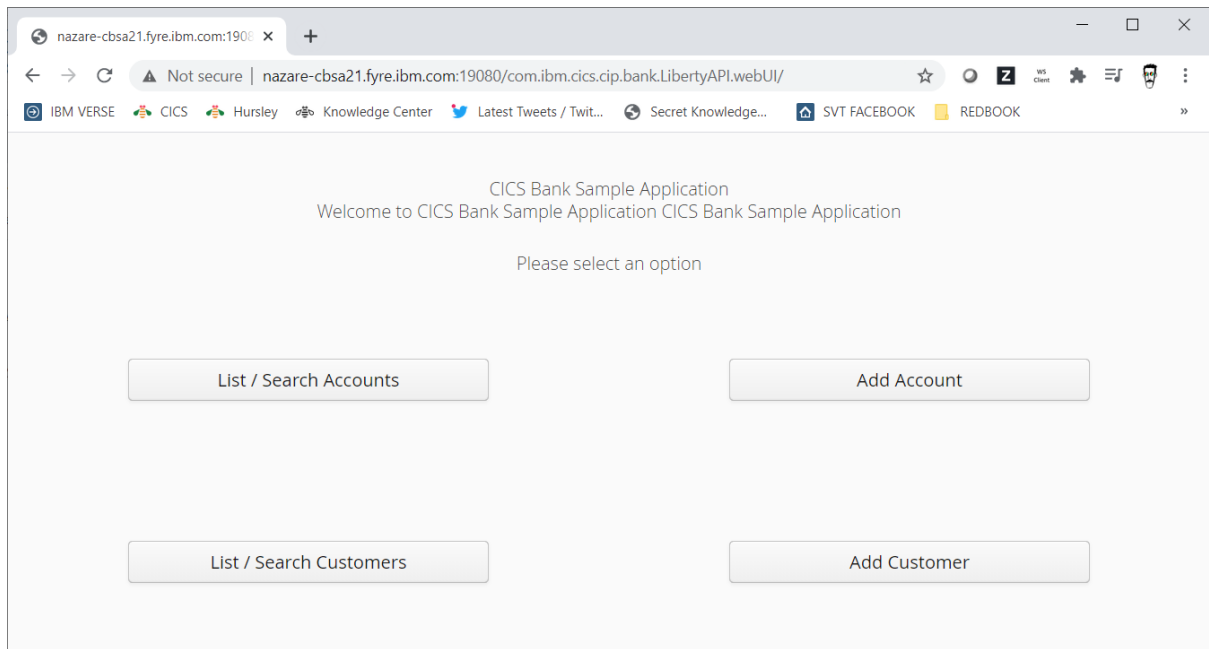
You cannot change the account number, customer number, sort code or balance. But you can change the type of account by using the dropdown box, the interest rate (which may have up to 2 decimal places) or the overdraft limit (which must be a positive integer).

After making your changes, click on “Edit Account”.

Account Creation / Update

Account Number	Customer Number	Sortcode
1	1	987654
Type		Interest
MORTGAGE		2.10
Overdraft Limit		Balance
0		848199.42
Editing account 1 successful		

If it was a success, the button text will change accordingly. Click the arrow on the top left of the screen to return to the main menu.



From the main menu, click ADD ACCOUNT.

A screenshot of the "Account Creation / Update" form in the CICS Bank Sample Application. The form is titled "CICS Bank Sample Application" and "Account Creation / Update". It contains several input fields: "Customer Number" (empty), "Sortcode" (pre-filled with "987654"), "Type" (a dropdown menu with "CURRENT" selected), "Interest" (pre-filled with "0.00"), "Overdraft Limit" (pre-filled with "0"), and "Balance" (pre-filled with "0.00"). At the bottom of the form is a "Create account" button. The browser's address bar and taskbar are visible at the top and bottom of the window.

You MUST specify the customer number of the customer to whom the account belongs. You can change the account type, which will be pre-filled with CURRENT, using the drop down list. You can change the overdraft limit and the interest rate which have the same restrictions as before.

Click "Create Account" to create the account. Customers are limited to a maximum of TEN accounts.

Account Creation / Update

Customer Number	Sortcode
<input type="text" value="1"/>	<input type="text" value="987654"/>
Type	Interest
<input type="text" value="LOAN"/>	<input type="text" value="15.00"/>
Overdraft Limit	Balance
<input type="text" value="0"/>	<input type="text" value="0.00"/>

Create new account successful for account 24987

If successful, the new account number will appear in the button text. Click on the arrow at the top left to return to the main menu.

CICS Bank Sample Application

Welcome to CICS Bank Sample Application CICS Bank Sample Application

Please select an option

List / Search Accounts	Add Account
List / Search Customers	Add Customer

Now click on List/Search Customers on the bottom left.

Customer Number Customer Name

Customer Number	Name	Address	Date of Birth dd-M-yyyy	
1	Dr Zsa G Higin	74 Joshua Mews, Portsmouth	22-2-1941	Account Edit Delete
2	Ms Peter X Dubois	30 Maple Lane, Peterborough	04-9-1937	Account Edit Delete
3	Ms Charlotte Jackson	16 Xylophone Grove, Colchester	18-9-1902	Account Edit Delete
4	Miss Luke M Brennan	38 Willow March, Wrexham	01-11-1950	Account Edit Delete
5	Mrs Virginia Dubois	42 Viburnum Rise, Cromer	07-10-2000	Account Edit Delete
6	Miss Chris Y Thomson	66 Thorn Lane, Cheltenham	09-4-1916	Account Edit Delete
7	Professor Imogen I Jackson	79 Acacia Crescent, Wembley	25-6-1999	Account Edit Delete

You can search for customers by number or by name. Name matches any customer whose full name matches what you put here. Search for “Dr” and click SEARCH.

Customer Number Customer Name

Customer Number	Name	Address	Date of Birth dd-M-yyyy	
1	Dr Zsa G Higin	74 Joshua Mews, Portsmouth	22-2-1941	Account Edit Delete
41	Dr Monica M Brennan	86 Kapok Mews, Whitby	14-3-1954	Account Edit Delete
44	Dr Robert R Tell	22 Zebratree Opening, Attleborough	18-6-1988	Account Edit Delete
48	Dr Sam V Jenkins	23 Joshua Gate, Crewe	17-4-1971	Account Edit Delete
49	Dr Josephine T Palmer	52 Elm Frontage, Winchester	14-9-1903	Account Edit Delete
51	Drs Dave W Higin	41 Birch Mews, Birmingham	27-7-1982	Account Edit Delete
54	Dr Xaviera H Groves	51 Nutmeg Street, Oxford	07-9-1946	Account Edit Delete

You can click on DELETE to delete a customer, which also deletes all their accounts.

You can click on ACCOUNTS to view accounts owned by that customer.

Account Number:

Customer Number:

Balance:

Account No.	Customer No.	Available Balance	Actual Balance		
1	1	848199.42	848199.42	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>
2	1	47974.78	47974.78	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>
3	1	252731.97	252731.97	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>
4	1	673503.63	673503.63	<input type="button" value="Edit"/>	<input type="button" value="Delete"/>

You can click on EDIT to change a customer.

Customer Update

Customer Number:

Customer Name:

Customer Address:

Customer Date of Birth:

Social Security:

Credit Score:

Review Date:

You can only change their name and address. In addition, not all titles are valid. There is validation both at the client level and also at the server level.

Customer Update

Customer Number	Customer Name	Customer Address	Customer Date of Birth	Customer ID	Credit Score	Review Date
2	Mrs Peter X Dutt	30 Maple Lane, Middlesboro	04-9	987654	246	26

Editing customer 2 successful

Click the left arrow to go back to the main menu.

CICS Bank Sample Application

Welcome to CICS Bank Sample Application CICS Bank Sample Application

Please select an option

List / Search Accounts	Add Account
List / Search Customers	Add Customer

You can create a customer by clicking ADD CUSTOMER.

The screenshot shows a web browser window with the address bar displaying 'nazare-cbsa21.fyre.ibm.com:19080/com.ibm.cics.cip.bank.LibertyAPI.webUI/'. The browser's address bar also shows 'Not secure'. The page title is 'CICS Bank Sample Application'. Below the title, there is a 'Customer Creation' section. It contains four input fields: 'Customer Number' (empty), 'Customer Name' (empty), 'Customer Address' (empty), and 'Customer Date of Birth dd-M-yyyy' (pre-filled with '17-2-200'). To the right of the date field is a 'Sortcode' field with the value '987654'. Below these fields is a large button labeled 'Create customer'.

You must fill in name and address. Date of birth is pre-filled so as to make today the customer's 18th birthday. Customers cannot be younger than 18 or older than 120.

Click CREATE CUSTOMER to create the customer.

The screenshot shows the same web browser window as the previous one, but the 'Customer Creation' form is now filled out. The 'Customer Number' field contains '10009', the 'Customer Name' field contains 'Mr Ian B Em', and the 'Customer Address' field contains '123 Hursley Road', 'Hursley', and 'Hampshire' on three lines. The 'Customer Date of Birth dd-M-yyyy' field is still '17-2-200' and the 'Sortcode' field is still '987654'. The button now displays the text 'Create new customer successful for customer 10009'.

The new customer number is listed in the button text. This customer will have no accounts yet.