

BIPS
Bornfire Instant Payment System



USER MANUAL

Version 1.0

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1. OVERVIEW

This Document discuss about process involved for set-up, creation and operation on IPS Admin. This document also explains the allied other operations on IPS Admin like IPS Operations (Transactions, Reversal, Settlement and Reconciliation etc) and Transaction Monitoring.

IPS covers all ranging from operating system, database, User activities.

BIPS Modules

Bornfire Instant Payment System supports the following modules.

- A. Admin Operation
- B. Audit Operation
- C. IPS Operation
- D. Monitoring
- E. MYT Registration

1.1. Login Operations

1.1.1. Login Screen



1.1.2. Login Credentials

The following are the login validations.

- The user should have a Userid in the "User Profile" table.
- Valid password and it should be in force within the password life cycle.
- User record should be in active status.
- Login should be within the login low and high time.
- Should not be disabled.
- Should have a valid "Role Id" for accessing the menu options.
- User can access the menu / screen options according to "Role Id".
- User can perform operations according to the rights available for the "Permissions".
- Application keeps records of login attempts with 'Success' and 'Failure' status.

2. Admin Operation

2.1 Overview

The administration module is used to configure and maintain

- The user profiles
- the solution related parameters
- Bank and Branch Master
- Settlement Accounts related

2.2 Menu Options

Admin module has the following menu options and screens.

- User Profile Maintenance
- Access and Roles
- IPS Parameter
 - Login Security
 - Service Charges and Fees
 - Bank and Branch Master
 - Settlement Account
 - Business Hours

2.3 User Profile Maintenance

User Profile Maintenance supports maintaining the "User Profiles" and "Role Id" for controlling the users "Access and Roles". "User Profile" and "Access and Roles" are the sub-menus available. User Profile Maintenance supports the following operations.

- List
- Add
- Modify
- Verify
- Cancel
- Inquire
- Reset Password

2.3.1 User Profile – List

List of available users displayed

User Id	User Name	Employee Id	Branch Code	Branch Name	Status	Action
BARS-BAL	BALUSCHIN	RD0000	9001	PORT LOUIS HEAD OFFICE	Active	Modify
BF0001	SODHAIYAN	BF0001	9001	PORT LOUIS HEAD OFFICE	Active	View
BF0010	YSHINGU	BF0010	9001	PORT LOUIS	Active	View
BF0005	Gokarman	BF0005	010	Port Louis	Active	View
BF0002	PRIYA	BF0002	RD001	PORT LOUIS	Active	View
BF0008	VIJAY	BF0008	9001	PORT LOUIS	Unkntfied	View
BF0004	RAMPRASATH	BF0004	RD001	PORT LOUIS	Active	View

USER PROFILE – LIST

Display all applications users

Create User Id	Click to Add a User	Tab used to add a new user
User Id	User Id	Only Display
Username	Username	Only Display
E Mail Id	Email Id	Only Display
Employee Id	Employee Id	Only Display
Branch Code	Branch Code	Only Display
Branch Name	Branch Name	Only Display
Status	Status	Only Display
Action	Modify, View, Password Reset, Verify, Cancel	Click to Modify the Record Click to View the Record Click to Reset the Password Click to Verify the Record Click to Cancel the Modification
HOME	Click to Visit Home Screen	
BACK	Click to go back to Previous Screen	

2.3.2 User Profile – ADD

Enter the relevant data in the all the mandatory field and click Submit.
The Screen will be displayed as below and a message “User created Successfully” will be displayed.



USER PROFILE – ADD

New Users can be added to the application. Role Id is attached to define the user group and access rights

Field	User Action	Description
User Id	User Enter the Id	Mandatory Free Text Alphanumeric
Username	Enter the Username that must be alphanumeric up to 100(Maximum Characters up to 100)	Mandatory Free Text Alphanumeric
Bank Code	Enter Bank Code that must be alphanumeric up to 50	Mandatory Free Text

USER PROFILE – ADD		
New Users can be added to the application. Role Id is attached to define the user group and access rights		
Field	User Action	Description
		Alphanumeric
Bank Name	Enter Bank Name that must be alphanumeric up to 100.	Mandatory Free Text Alphanumeric
Branch Code	Enter Branch Code that must be alphanumeric up to 50	Mandatory Free Text Alphanumeric
Branch Name	Enter Branch Name that must be alphanumeric up to 100	Mandatory Free Text Alphanumeric
Employee Id	Enter the Employee Id that must be alphanumeric up to 50	Optional Free Text Alphanumeric
Employee Name	Enter the Employee Name that must be alphanumeric up to 100	Mandatory Free Text Alphanumeric
Mobile No	Enter the Mobile Number that must be numeric up to 10.	Mandatory Numeric
Email Id	Enter the Mail Id	Mandatory Alphanumeric Ex:xxxx@yyy.com
Login Low	Enter the Login Low Time	Mandatory Time
Login High	Enter the Login High Time	Mandatory Time
User Disable Start Date	Protected Field for "Add"	
User Disable End Date	Protected Field for "Add"	

USER PROFILE – ADD		
New Users can be added to the application. Role Id is attached to define the user group and access rights		
Field	User Action	Description
Password	Enter the Password	Mandatory
Password Expiry Date	Default populated	Mandatory Date Picker
User Status	Default populated	
Login Status	Default populated	
Account Expiry Date	Enter the Account Expiry Date	Mandatory Date Picker
Remarks	Enter remarks if required	Optional Alphanumeric Free Text
Role Id	Drop Down List	Mandatory Valid Values
Role Description	Auto Populated on selecting the role id	
SUBMIT	Click to save the record	
HOME	Click to visit Home Page	
BACK	Click to go back to Previous Screen	

2.3.3 User Profile – MODIFY

To modify the user profile, click "List". System will display the users list. Click on the user to be modified the system will display the Users Profile details. Then the fields will be available to modify. Modify the details and press **SUBMIT** button.

User Profile - Modify

User Id	BARS-BALL	User Name	BALLBORN
Bank Code	012	Bank Name	BANK OF BARODA
Branch Code	9031	Branch Name	PORT LOUIS-HEAD OFFICE
Employee Id	R207583	Employee Name	BALLBORN
Mobile No	2208771087	Email Id	reinh.ballborn@bankofbaroda.co.in
Login Lmt	05:00	Login High	21:00
User Disable Date	06-08-2024	User Disable Till Date	18-08-2027
Password		Password Expiry Date	06-11-2025
User Status	Active	Login Status	Active
Account Expiry Date	06-11-2025	Remarks	test

Role and Rights

Role Id	ADM	Role Description	Admin
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Buttons: Home, Submit, Back



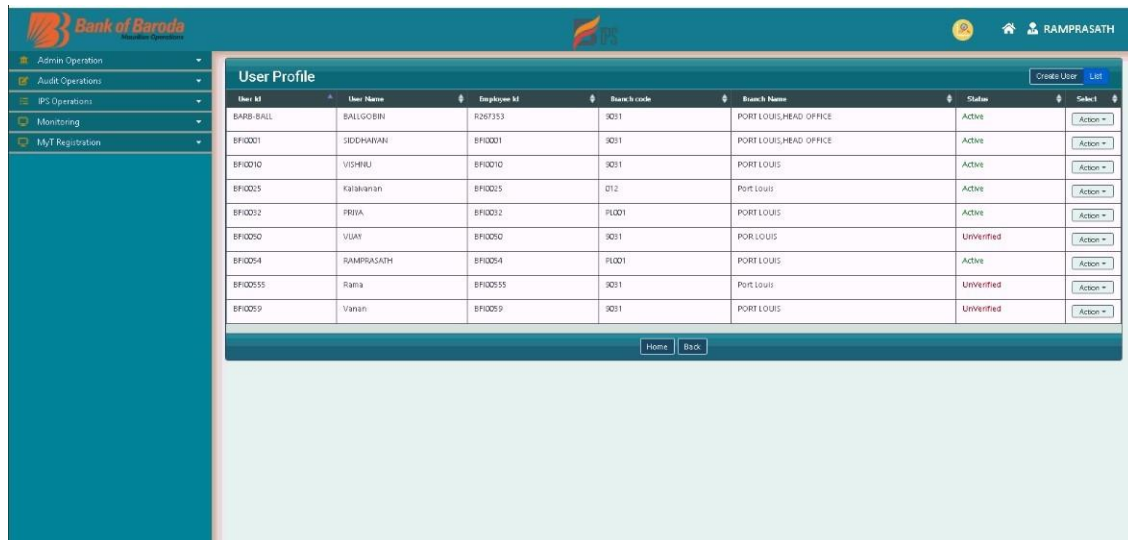
USER PROFILE – MODIFY		
Field	User Action	Description
User Id	Display Protected	
Username	Display Protected	Mandatory Free Text Alphanumeric
Bank Code	Display Protected	
Bank Name	Display Protected	
Branch Code	Display Protected	
Branch Name	Display Protected	
Employee Id	Display Protected	Optional Free Text Alphanumeric

USER PROFILE – MODIFY		
Field	User Action	Description
Employee Name	Display Protected	Optional Free Text Alphanumeric
Mobile No	Can be Modified	Mandatory Numeric
Email Id	Can be Modified	Mandatory Alphanumeric
Login Low	Can be Modified	Mandatory Time
Login High	Can be Modified	Mandatory Time
User Disable Start Date	Start Date for Disabling the Profile	Optional Date Picker
User Disable End Date	End Date for Disabling the Profile	Optional Date Picker
Password	Protected	Mandatory
Password Expiry Date	Display Protected	Mandatory Date Picker
User Status	Display Protected	
Login Status	Display Protected	
Account Expiry Date	Can be Modified	Mandatory Date Picker
Remarks	Can be Modified	Optional Alphanumeric Free Text
Role Id	Can be Modified	Mandatory Valid Values
Role Description	Display Protected	
SUBMIT	Click to Save the	Return to the Home Screen with the message "Record

USER PROFILE – MODIFY		
Field	User Action	Description
	modification	Modified Successfully”
HOME	Click to visit Home Scree	Return to the Home Screen
BACK	Click to go back to Previous Screen	Return to the Previous Screen

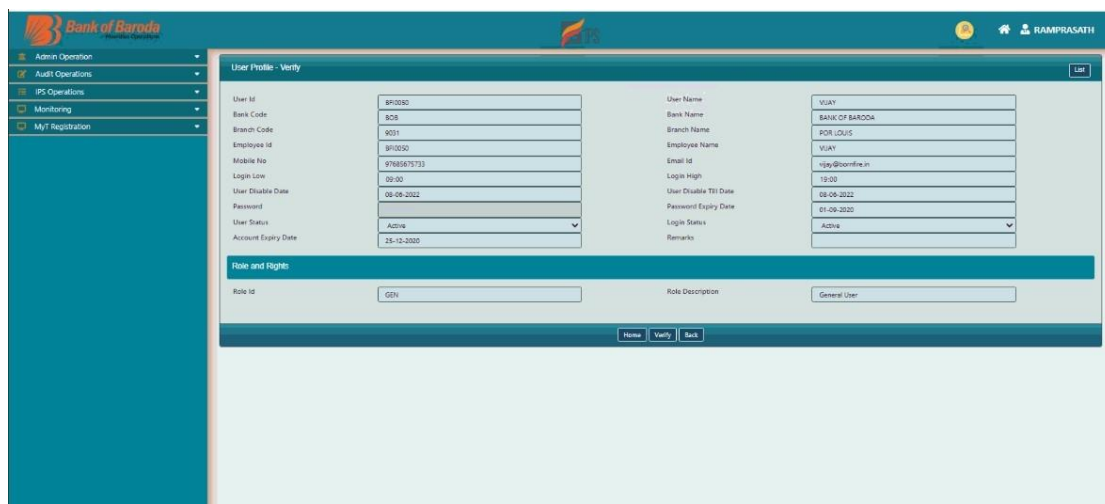
2.3.4 User Profile – VERIFY

Unverified User list display the following message



User Id	User Name	Employee Id	Branch Code	Branch Name	Status	Select
BARB-BALL	BALGOBIN	R267353	9031	PORT LOUIS,HEAD OFFICE	Active	Action
BF0001	SIDHAKARAN	BF0001	9031	PORT LOUIS,HEAD OFFICE	Active	Action
BF0010	VISHNU	BF0010	9031	PORT LOUIS	Active	Action
BF0005	Kalaniran	BF0005	012	Port Louis	Active	Action
BF0002	PRIVA	BF0002	PL001	PORT LOUIS	Active	Action
BF0000	VUAY	BF0000	9031	PORT LOUIS	Unverified	Action
BF0004	RAMPRASATH	BF0004	PL001	PORT LOUIS	Active	Action
BF00055	Rama	BF00055	9031	Port Louis	Unverified	Action
BF0009	Varan	BF0009	9031	PORT LOUIS	Unverified	Action

Click to Verify Button in action Menu, display the following screen.



User Profile - Verify	
User Id	BF0000
Bank Code	9031
Branch Code	9031
Employee Id	BF0000
Mobile No	9785675733
Login Log	09-00
User Disable Date	08-08-2022
Password	
User Status	Active
Account Expiry Date	25-12-2020
User Name	VUAY
Bank Name	BANK OF BARODA
Branch Name	PORT LOUIS
Employee Name	VUAY
Email Id	vjay@bornfire.in
Login High	19-00
User Disable TSI Date	08-08-2022
Password Expiry Date	01-08-2020
Login Status	Active
Remarks	
Role and Rights	
Role Id	GEN
Role Description	General User

Profile created user cannot authorise same profile. So, another needs to verify.



Once the User profile is verified by the Checker the profile will be verified.



USER PROFILE – VERIFY		
New user added or Existing user modifications can be verified		
Field	User Action	Description
User Id	Display	
Username	Display	
Bank Code	Display	
Bank Name	Display	
Branch Code	Display	
Branch Name	Display	
Employee Id	Display	
Employee Name	Display	
Mobile No	Display	
Email Id	Display	
Login Low	Display	
Login High	Display	
User Disable Start Date	Display	
User Disable End Date	Display	
Password	Display	
Password Expiry Date	Display	
User Status	Display	

USER PROFILE – VERIFY		
New user added or Existing user modifications can be verified		
Field	User Action	Description
Login Status	Display	
Account Expiry Date	Display	
Remarks	Display	
Role Id	Display	
Role Description	Display	
VERIFY	Click to save the record	Return to Home Screen with the message "Verified Successfully"
HOME	Click to visit Home Page	Return to the Home Screen
BACK	Click to go back to Previous Screen	Return to the Previous Screen

2.3.5 User Profile – INQUIRE

Once the view button is clicked in the action menu, It displays the following screen,

Bank of Baroda

User Profile - View

User Id	SARS-KALL	User Name	SALLGSRN
Bank Code	012	Bank Name	BANK OF BARODA
Branch Code	9031	Branch Name	PORT BLU'S-HEAD OFFICE
Employee Id	9287153	Employee Name	SALLGSRN
Mobile No	3305777387	Email Id	sevin.balgorin@bankofbaroda.co.in
Login Line	09-00	Login High	21:00
User Disable Date	04-09-2024	User Disable Till Date	19-09-2027
Password		Password Expiry Date	04-11-2022
User Status	Active	Login Status	Active
Account Expiry Date	05-11-2020	Remarks	test

Role and Rights

Role Id	ADMIN	Role Description	Admin
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[Home](#) [Back](#)

USER PROFILE – INQUIRE		
User Profile can be inquired in this option		
Field	User Action	Description
User Id	Display	
Username	Display	
Bank Code	Display	
Bank Name	Display	
Branch Code	Display	
Branch Name	Display	
Employee Id	Display	
Employee Name	Display	
Mobile No	Display	
Email Id	Display	
Login Low	Display	
Login High	Display	
User Disable Start Date	Display	
User Disable End Date	Display	
Password	Display	
Password Expiry Date	Display	
User Status	Display	
Login Status	Display	
Account Expiry Date	Display	
Remarks	Display	
Role Id	Display	
Role Description	Display	
SUBMIT	No Action	
HOME	Click to visit the Home Screen	Return to the Home Screen
BACK	Click to go back to Previous Screen	Return to the Previous Screen

2.3.6 User Profile – Cancel

Existing modified Users can be cancelled by using this option

Click Cancel button in Action menu, It displays the following screen.

USER PROFILE – Cancel

Existing modified Users can be cancelled by using this option

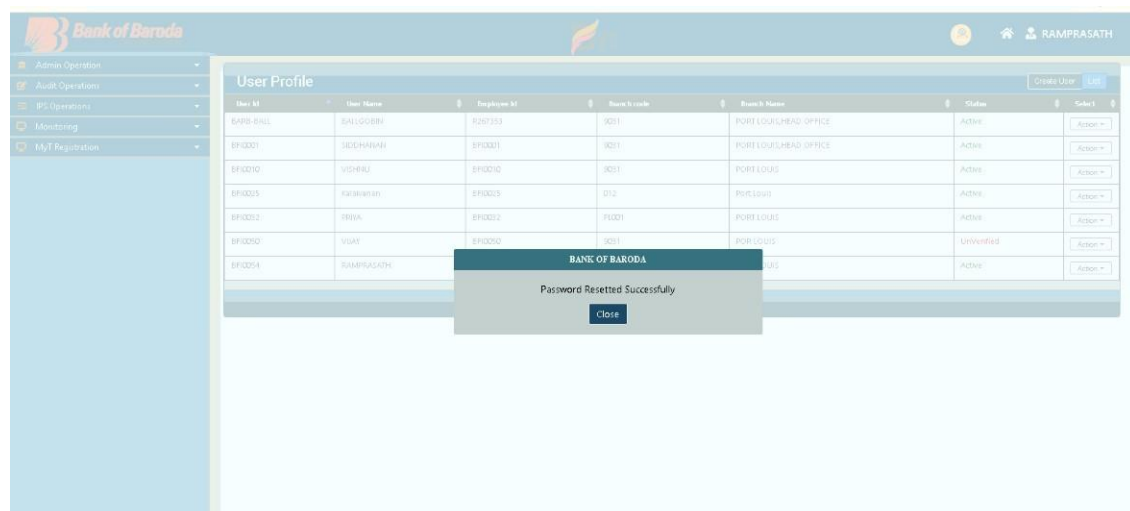
Field	User Action	Description
User Id	Display	
Username	Display	
Bank Code	Display	
Bank Name	Display	
Branch Code	Display	
Branch Name	Display	
Employee Id	Display	
Employee Name	Display	
Mobile No	Display	
Email Id	Display	
Login Low	Display	
Login High	Display	
User Disable Start Date	Display	
User Disable End Date	Display	

USER PROFILE – Cancel		
Existing modified Users can be cancelled by using this option		
Field	User Action	Description
Password	Display	
Password Expiry Date	Display	
User Status	Display	
Login Status	Display	
Account Expiry Date	Display	
Remarks	Display	
Role Id	Display	
Role Description	Display	
Cancel	Click to "Delete" the record	Return to Home Screen by displaying the Message "Record deleted successfully"
HOME	Click to visit the Home Screen	Return to the Home Screen
BACK	Click to go back to Previous Screen	Return to the Previous Screen

2.3.7 User Profile – Password Reset

Click Reset Password in Action menu, then the password needs to be entered manually.

It displays the following screen.



USER PROFILE – Password Reset

Existing user password can be Reset using the user Password Reset option.

Then the password needs to be entered manually.

2.4. IPS Parameter

IPS Parameters shows the following modules,

- Login Security
- Service Charges and Fees
- Bank and Branch Master
- Settlement Account
- Business Hours

2.4.1 Login Security

Login Security screen contains the parameter of user access control and authorisation related.

Click Login Security menu, It displays the following screen

The screenshot displays the 'Login Security' configuration page within the Bank of Baroda IPS system. The page features a sidebar menu on the left with options like Admin Operation, Audit Operations, IPS Operations, Monitoring, and MyT Registration. The main content area contains a form with two columns of parameters. The left column includes Password Life (set to 5), Login Low Time (set to 12:00), Inactive Time (set to 12:00), Previous Password Check (set to 5), Password Length (set to 20), Alpha Flag (set to Select), and Capital Letter (set to Select). The right column includes No. Of Attempts (set to 3), Login High Time (set to 12:00), Password Warning (set to 3), No. Of Passwords (set to 5), Combinations (set to Yes), Numeric Flag (set to Select), and Special Characters (set to Select). At the bottom of the form are buttons for Home, Submit, and Back.

Login Security		
Login Security screen contains the parameter of user access control and authorisation related.		
Field	User Action	Description
Password Life	Can be modified	Password Life in months
No.Of. Attempts	Can be modified	Number of Attempts failed in user login screen
Login Low Time	Can be modified	User Login Low time
Login High Time	Can be modified	User Login high time
In active Time	Can be modified	In active time

Login Security		
Login Security screen contains the parameter of user access control and authorisation related.		
Field	User Action	Description
Branch Name	Can be modified	
Password Warning	Can be modified	
Previous Password Check	Can be modified	
No of Password	Can be modified	
Password Length	Can be modified	Length of Password
Combinations	Select Yes or No	Combinations
Alpha Flag	Select Yes or No	If alpha flag is yes, Password allows alphabetical letters. Else it does not allow alphabetical letters
Numeric Flag	Select Yes or No	If Numeric flag is yes, Password allows numeric letters. Else Its does not allows numeric letters
Capital Letter	Select Yes or No	If yes, Password allows Capital letters. Else Its does not allows capital letters in password field.
Special Character	Select Yes or No	If Yes, Password allows Special Characters. Else Its does not allows Special character.
HOME	Click to visit the Home Screen	Return to the Home Screen
SUBMIT	Click to "Submit" the record	Return to Home Screen by displaying the Message "Record submitted successfully"
BACK	Click to go back to Previous Screen	Return to the Previous Screen

2.4.2 Service Charges and Fees

Bank can apply a standard fee structure to participants using the same service of the IPS. Charge-out of ongoing variable cost shall be linked, where feasible, to system usage.

It displays the following screen,

Ref No	Description	Type	Criteria	Fee	Percentage	Min	Max	Frequency	Last Used	Next Due Date	Branch	Payable To	Amount	Currency	Action
BAU011	Balance Inquiry	Fixed	Req			.00	.00	Instant			PCB	BOB	.00	MUR	[Action]
CH0001	Network Charges	Fixed	NA			.00	.00	Monthly			BOB	BOB	35000.00	MUR	[Action]
IP0000	Interchange Service Fee	Variable			.00	.00	1700	Instant					.00	MUR	[Action]
MEM002	Membership Fee	Fixed	NA			.00	.00	Monthly			BOB	BOB	35000.00	MUR	[Action]
MER070	Merchant Payment Fee	Variable		.00		.00	2500	Instant					.00	MUR	[Action]
MIC006	Merchant Interchange Fee	Variable	Per Tran			.00	.00	Instant					.00	MUR	[Action]
PR0006	Participant Interchange Fee	Variable				.00	.00	Instant					.00	MUR	[Action]
PS0007	Participant Service Fee	Variable				.00	.00	Instant					.00	MUR	[Action]
REG000	Registration Fee	Fixed	Per Reg			.00	.00	Instant			CUS	BOB	.00	MUR	[Action]
SET012	Settlement Transaction	Fixed		100		100	100	Instant			PCB	BOB	.00	MUR	[Action]
TRA000	Transaction Routing Fee	Variable	Per Tran			.00	.00	Monthly			BOB	BOB	.00	MUR	[Action]
TRA004	Transaction Fee	Fixed	Per Tran			.00	.00	Instant			CUS	BOB	.00	MUR	[Action]

Services and Charge Fees

The Bank shall apply a standard fee structure to participants using the same service of the IPS. Charge-out of ongoing variable cost shall be linked, where feasible, to system usage.

Field	User Action	Description
Ref No	Displayed	Reference Number of Fees Name
Description	Displayed	Description of fees structure
Type	Displayed	Type of Payable method <ul style="list-style-type: none"> Fixed Variable
Criteria	Displayed	Payment Criteria
Fee	Displayed	Fees of each criteria

Services and Charge Fees

The Bank shall apply a standard fee structure to participants using the same service of the IPS. Charge-out of ongoing variable cost shall be linked, where feasible, to system usage.

Field	User Action	Description
Percentage	Displayed	Percentage of each criteria
Min	Displayed	Minimum amount
Max	Displayed	Maximum amount
Periodicity	Displayed	Periodicity <ul style="list-style-type: none"> Monthly Instant
Last Tried	Displayed	Last Tried
Next Due Date	Displayed	Next Due Date
Payable To	Displayed	Payable to
Amount	Displayed	Amount
Currency	Displayed	Currency
Script name	Displayed	Script name
Action	Displayed	Action it contains <ul style="list-style-type: none"> Modify

Services Charges and Fees-MODIFY

Click Modify button in action menu, it is displaying the following screen.

The screenshot displays the 'Service Charges And Fees - Modify' page. On the left is a navigation menu with options: Admin Operation, Audit Operations, IPS Operations, Monitoring, and MyT Registration. The main content area contains a form with the following fields:

- Reference No: BAU211
- Type: Fixed
- Fees: .00
- Min: .00
- Periodicity: Instant
- Next Due Date: .00
- Payable To: BCR
- Currency: INR
- Description: Balance Inquiry
- Criteria: 1%
- Percentage: .00
- Max: .00
- Last Tried: .00
- Balance By: BCR
- Amount: .00
- Script Name: .00

At the bottom of the form, there are buttons for 'Home', 'Submit', and 'Back'. Below the form, there are fields for user and time information:

- Entry User: BP0004
- Entry Time: 28-06-2020
- Modify User: BP0004
- Modify Time: 28-06-2020
- Verify User: .00
- Verify Time: .00

After entering the relevant data click the Submit button, It displays the screen below,



Services Charges and Fees – MODIFY		
Field	User Action	Description
Reference Number	Display Protected	
Description	Can be Modified	Mandatory Alphanumeric.
Type	Can be Modified	Mandatory Alphanumeric Type of Payable method <ul style="list-style-type: none"> • Fixed • Variable
Criteria	Can be Modified	Mandatory Alphanumeric Payment Criteria
Fees	Can be Modified	
Percentage	Can be Modified	
Min	Can be Modified	
Max	Can be Modified	
Periodicity	Can be Modified	
Last Tried	Can be Modified	
Next Due Date	Can be Modified	
Borne By	Can be Modified	
Payable To	Can be Modified	
Amount	Can be Modified	
Currency	Can be Modified	
Script Name	Can be Modified	

Services Charges and Fees – MODIFY		
Field	User Action	Description
HOME	Click to visit the Home Screen	Return to the Home Screen
SUBMIT	Click to "Submit" the record	Return to Home Screen by displaying the Message "Modified successfully"
BACK	Click to go back to Previous Screen	Return to the Previous Screen

2.4.3 Bank and Branch master

IPS Participants Banks only displayed. It is containing Bank Agent and Bank Agent Account number. It helps to transfer amount to particular bank.

It displays the following screen,

- Bank and Branch Master-List
- Bank and Branch Master-Add
- Bank and Branch Master-Modify
- Bank and Branch Master-Delete

2.4.3.1 Bank and Branch master - List

Bank Code	Bank Name	Bank Agent	Bank Agent Account	Address	Select
02	Aditya Bank(Mauritius) Ltd	BAROMUND	BARONRT	Port Louis	Action
05	Bank One Limited	BKONMUND	BKONNRT	Port Louis	Action
11	State Bank of Mauritius Ltd	STCEMUND	STCEHRT	Port Louis	Action
12	Maubank Ltd	MPCMUND	MPCENRT	Port Louis	Action
27	ABC Banking Corporation Ltd	ABCOMUND	ABCONRT	Port Louis	Action
34	bob	bobmund	bobmuna	port Louis	Action
41	Cellplus Mobile Communications Ltd	CMCLMUND	CMCLHRT	Port Louis	Action

Bank and Branch Master-List

It Contains the list of banks participants the Instant Payment System

Field	User Action	Description
-------	-------------	-------------

Bank and Branch Master-List		
It Contains the list of banks participants the Instant Payment System		
Field	User Action	Description
Bank Code	Displayed	Bank Code
Bank Name	Displayed	Bank Name
Bank Agent	Displayed	Agent of IPS Participant Bank
Bank Agent Account	Displayed	Agent Account number of Participant Bank
Address	Displayed	Address of Bank
Action	Displayed	It contains, <ul style="list-style-type: none"> • Modify • Delete
HOME	Click to visit the Home Screen	Return to the Home Screen
BACK	Click to go back to Previous Screen	Return to the Previous Screen

2.4.3.2 Bank and Branch master – ADD

Click ADD button to add the participants (Bank) in list of Bank and Branch Master. It displays the following screen.

The screenshot shows the 'Bank and Branch Master - Add' form in the Bank of Baroda IPS application. The form has a teal header with the Bank of Baroda logo and 'IPS' branding. On the left is a sidebar menu with options: Admin Operation, Audit Operations, IPS Operations, Monitoring, and MyT Registration. The main form area contains input fields for Bank Code, Bank Name, Bank Agent, Agent Account, and Address. Below these fields are 'Submit' and 'Cancel' buttons. At the bottom, there are sections for Entry User, Entry Time, Modify User, Modify Time, Verify User, and Verify Time, each with a corresponding input field.

BANK AND BRANCH MASTER – ADD

New Banks can be added to the application.

Field	User Action	Description
Bank Code	User Enter Bank Code	Mandatory Free Text Alphanumeric
Bank Name	Enter the Bank Name that must be alphanumeric up to 100(Maximum Characters up to 100)	Mandatory Free Text Alphanumeric
Agent Name	Enter Agent Name that must be alphanumeric up to 50	Mandatory Free Text Alphanumeric
Agent Account Number	Enter Agent account number that must be alphanumeric up to 100.	Mandatory Free Text Alphanumeric
Address	Enter Address that must be alphanumeric up to 500	Mandatory Free Text Alphanumeric
SUBMIT	Click to "Submit" the record	Return to Home Screen by displaying the Message "Bank Added successfully"
Cancel	Click to go back to Previous Screen	Return to the Previous Screen

After added the new Bank in application, the screen will appear below,



2.4.3.3 Bank and Branch master – MODIFY

Click MODIFY button to modify the participants (Bank) in list of Bank and Branch Master. It is displaying the following screen.

The screenshot shows the 'Bank and Branch Master - Edit' interface. The left sidebar contains navigation options: Admin Operation, Audit Operations, IPS Operations, Monitoring, and MyT Registration. The main form area contains the following fields:

- Bank Code: 05
- Bank Name: Bank One Limited
- Bank Agent: BKOHMUMD
- Agent Account: BKOHBT
- Address: Port Louis

Below these fields are 'Submit' and 'Cancel' buttons. At the bottom of the form, there are fields for user and time tracking:

- Entry User: SYSTEM
- Entry Time: 12-06-2020 00:00
- Modify User: BF0005
- Modify Time: 29-06-2020 10:53
- Verify User: (empty)
- Verify Time: (empty)

BANK AND BRANCH MASTER – MODIFY

Banks can be modified to the application.

Field	User Action	Description
Bank Code	Display Protected	
Bank Name	Can be Modified Enter the Bank Name that must be alphanumeric up to 100(Maximum Characters up to 100)	Mandatory Free Text Alphanumeric
Agent Name	Can be Modified Enter Agent Name that must be alphanumeric up to 50	Mandatory Free Text Alphanumeric
Agent Account Number	Can be Modified Enter Agent account number that must be alphanumeric up to 100.	Mandatory Free Text Alphanumeric
Address	Can be Modified Enter Address that must be alphanumeric up to 500	Mandatory Free Text Alphanumeric
HOME	Click to go Home Screen	Return to Home Screen by displaying the Message "Bank

BANK AND BRANCH MASTER – MODIFY		
Banks can be modified to the application.		
Field	User Action	Description
		Added successfully”
SUBMIT	Click to “Submit” the record	Return to Home Screen by displaying the Message “Bank modified successfully”
Cancel	Click to go back to Previous Screen	Return to the Previous Screen

After modified the record, the screen will appear below,



2.4.3.4 Bank and Branch master – DELETE

Click DELETE button to delete the participants (Bank) in list of Bank and Branch Master. It is displaying the following screen.

 A screenshot of the Bank of Baroda application showing the 'Bank and Branch Master - Delete' screen. The interface has a dark blue header with the Bank of Baroda logo and a user profile icon labeled 'Kalaivanan'. On the left, there is a sidebar menu with options: Admin Operation, Audit Operations, IPS Operations, Monitoring, and M/T Registration. The main content area is titled 'Bank and Branch Master - Delete'. It contains several input fields: 'Bank Code' (05), 'Bank Name' (Bank One Limited), 'Bank Agent' (EKOHIMUMAD), 'Agent Account' (BKONHURT), and 'Address' (Port Louis/Head Office). Below these fields are 'Delete' and 'Cancel' buttons. At the bottom, there are three columns of fields: 'Entry User' (SYSTEM), 'Entry Time' (12-06-2020 0000), 'Modify User' (empty), 'Modify Time' (empty), 'Del User' (BF0005), and 'Del Time' (29-06-2020 1059).

BANK AND BRANCH MASTER – DELETE		
Banks can be deleted to the application.		
Field	User Action	Description

BANK AND BRANCH MASTER – DELETE		
Banks can be deleted to the application.		
Field	User Action	Description
Bank Code	Display Protected	
Bank Name	Display Protected	
Agent Name	Display Protected	
Agent Account Number	Display Protected	
Address	Display Protected	
SUBMIT	Click to "Submit" the record	Return to Home Screen by displaying the Message "Bank deleted successfully"
Cancel	Click to go back to Previous Screen	Return to the Previous Screen

After the record deleted, the screen will appear below,



2.4.4 Settlement Accounts

To maintain Payable, Receivable, Income, Expenses and BOM Settlement accounts.

It displays the following screen,

- Settlement Accounts-List
- Settlement Accounts-Modify

2.4.4.1 Settlement Accounts- List

The Screen will appear below,

Account No	Name	Account Type	Currency	Limit	Debit Cap	Check Flg	Acct Balance	Notional Balance	Criteria	Remarks	Select
9031191810001	DD PAYABLE	PAYABLE	MUR								Edit
9031192000019	Suspense	RECEIVABLE	MUR								Edit
90311942101009	Commission earned	INCOME	MUR								Edit
9031195451008	Charges	EXPENSE	MUR								Edit
90311981001001	Prepay	PAYING	MUR								Edit
90401982010104	BANK OF MAURITIUS	SETTLEMENT	MUR				94,535.00	46,345.00			Edit
90701981001009	KALAH	INCOME	MUR								Edit

Settlement Accounts-List

It Contains the list of BOB settlement accounts.

Field	User Action	Description
Account No	Displayed	Account Number
Name	Displayed	Name of Account
Account Type	Displayed	Type of Account
Currency	Displayed	Currency
Limit	Displayed	Settlement Limit
Debit Cap	Displayed	Debit Cab
Check Flg	Displayed	
Account Balance	Displayed	
Notional Balance	Displayed	

Settlement Accounts-List		
It Contains the list of BOB settlement accounts.		
Field	User Action	Description
Criteria	Displayed	
Remarks	Displayed	
Action	Displayed	It Contains, <ul style="list-style-type: none"> Modify
HOME	Click to visit the Home Screen	Return to the Home Screen
BACK	Click to go back to Previous Screen	Return to the Previous Screen

2.4.4.2 Settlement Accounts- Modify

To modify the settlement account, click "Modify". System will display the settlement accounts list. Click on the settlement account to be modified the system will display the settlement account details. Then the fields will be available to modify. Modify the details and press **SUBMIT** button.

The screen will appear below,

Settlement Accounts-Modify

It Contains the list of BOB settlement accounts.

Field	User Action	Description
Account No	Can be Modified. Enter the Account number that must be numeric up to 14.	Account Number Mandatory Free Text Numeric
Name	Name can be modified. Name that must be alphanumeric up to 100	Mandatory Free Text Alphanumeric
Account Type	Account type Can be Modified Account Type must be alphanumeric up to 100	Type of Account
Currency	Display Protected. Default Currency "MUR"	Currency
Limit	Can be Modified Enter Settlement Limit	Mandatory Numeric
Debit Cap	Can be Modified. Enter Debit Cap.	Mandatory Numeric
Category	Can be Modified.	Optional Free Text Alphanumeric
Check Flg	Can be Modified	Optional Free Text Alphanumeric
Account Balance	Display protected	
Notional Balance	Display Protected	
Criteria	Can be Modified	Optional Free Text Alphanumeric
Remarks	Can be Modified	Optional Free Text Alphanumeric

Settlement Accounts-Modify		
It Contains the list of BOB settlement accounts.		
Field	User Action	Description
HOME	Click to visit the Home Screen	Return to the Home Screen
SUBMIT	Click to Save the modification	Return to the Home Screen with the message "Record Modified Successfully"
BACK	Click to go back to Previous Screen	Return to the Previous Screen

After Submitting the modified Record, the screen will appear below,

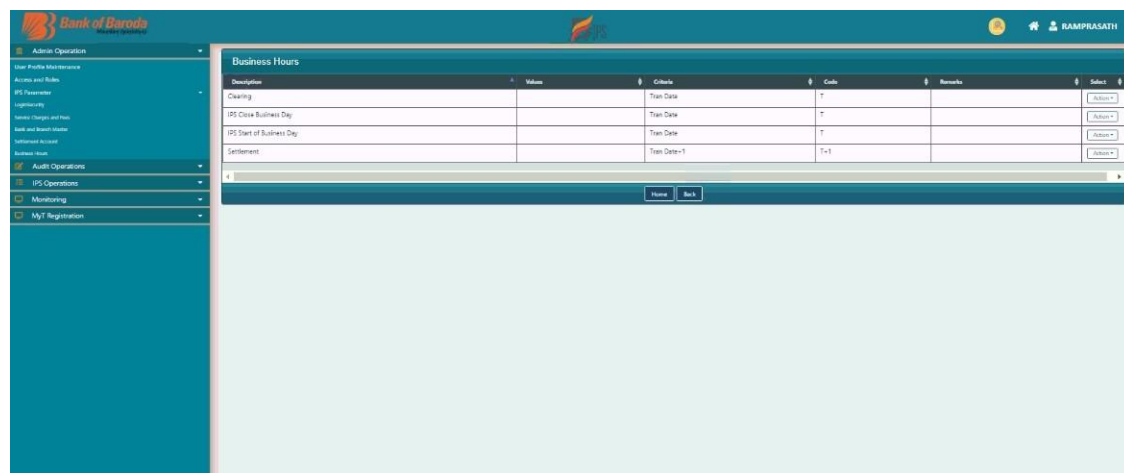


2.4.5 Business Hours

To maintain business hours like Clearing IPS Close Business day, IPS Start Business Day and Settlement.

It displays the following screen,

- Business Hours-List
- Business Hours-Modify



Business Hours- Modify

To modify the business hours, click "Modify". System will display the business hours list. Click on the business hours to be modified the system will display the business hours details. Then the fields will be available to modify. Modify the details and press **SUBMIT** button.

After modifying the record, the screen will appear below,



3 Audit Operation

In Audit Operation includes the following modules

- User Login History
- Service Audits

3.1 User Login History

To display the User Login, Logout status and user activities like modification of User list, verify user list, cancel user list and reset the password. The screen will appear below,

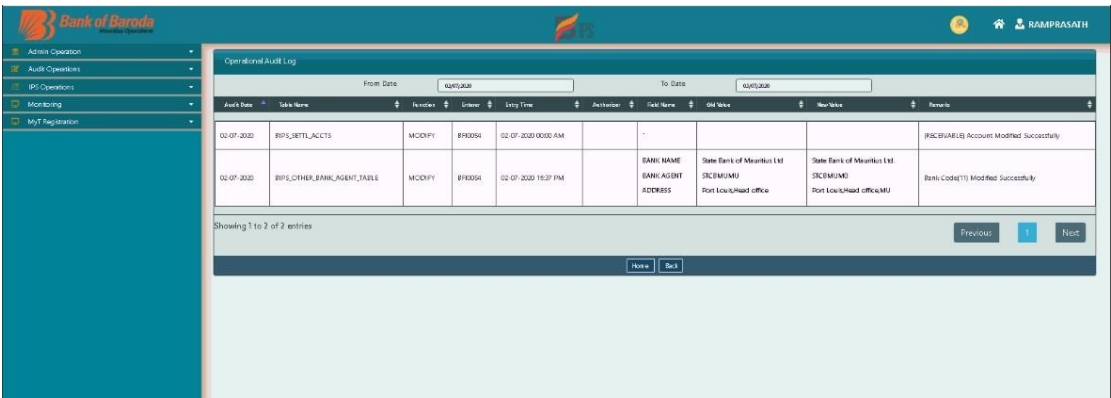


The screenshot shows the 'User activities Audit Log' interface. It includes a sidebar with navigation options like Admin Operation, Audit Operations, User Login History, Service Audits, IP Operations, Monitoring, and MyT Registration. The main area displays a table of login activities with columns for Audit Date, Table Name, Action, Entry User, Entry Time, Action User, Field Name, Old Value, New Value, and Remarks. The table shows four successful login entries for the 'BIPS_USER_PROFILE' table on 02-07-2020. Navigation buttons like Previous, Next, Home, and Back are visible at the bottom.

Audit Date	Table Name	Action	Entry User	Entry Time	Action User	Field Name	Old Value	New Value	Remarks
02/07/2020	BIPS_USER_PROFILE	LOGIN	BF0056	02-07-2020 10:28 PM					Login Successfully
02/07/2020	BIPS_USER_PROFILE	LOGIN	BF0056	02-07-2020 10:13 PM					Login Successfully
02/07/2020	BIPS_USER_PROFILE	LOGIN	BF0056	02-07-2020 08:52 AM					Login Successfully
02/07/2020	BIPS_USER_PROFILE	LOGIN	BF0056	02-07-2020 08:51 AM					Login Successfully

3.2 Service Audits

To display modification list of parameters. The Screen will appear below,



The screenshot shows the 'Operational Audit Log' interface. It features a sidebar with navigation options and a main area displaying a table of operational modifications. The table has columns for Audit Date, Table Name, Action, Entry User, Entry Time, Action User, Field Name, Old Value, New Value, and Remarks. Two entries are shown: one for 'BIPS_BETL_ACCOUNTS' (Account Modified) and one for 'BIPS_OTHER_BANK_AGENT_TABLE' (Bank Name, Agent Address, and Branch Code modified). Navigation buttons like Previous, Next, Home, and Back are visible at the bottom.

Audit Date	Table Name	Action	Entry User	Entry Time	Action User	Field Name	Old Value	New Value	Remarks
02-07-2020	BIPS_BETL_ACCOUNTS	MODIFY	BF0056	02-07-2020 09:00 AM					(BIC/BABEL) Account Modified Successfully
02-07-2020	BIPS_OTHER_BANK_AGENT_TABLE	MODIFY	BF0056	02-07-2020 15:27 PM		BANK NAME BANK AGENT ADDRESS	State Bank of Mauritius Ltd SICEMUMU Port Louis/Head Office	State Bank of Mauritius Ltd SICEMUMU Port Louis/Head Office	Bank Code(1) Modified Successfully

6. Change Password



Click LoginUserName in Action Panel. It displays dropdown. Then Click Change Password

A screenshot of a 'CHANGE PASSWORD' form. The form has a title bar 'CHANGE PASSWORD'. It contains three input fields: 'Old Password', 'New Password', and 'Confirm New Password'. Below the input fields are two buttons: 'Submit' and 'Close'.

Enter the relevant data and submit.



7. Logout



Click LoginUserName in Action Panel. It displays dropdown. Then Click Logout



Click Yes.

Sample for Bulk Transaction

Bulk Credit Transaction Sample(BulkCreditTransaction.xlsx)

The screenshot shows an Excel spreadsheet titled 'BulkCreditTransaction.xlsx'. The data is organized in a table with the following columns: Tran Ref ID, Remitter Name, Remitter Account Number, Beneficiary name, Beneficiary Account Number, Beneficiary Bank Code, Currency, and Tran Amount.

Tran Ref ID	Remitter Name	Remitter Account Number	Beneficiary name	Beneficiary Account Number	Beneficiary Bank Code	Currency	Tran Amount
TR000001	Kalaivanan	90310100002835	Raj	002101000231901	12	MUR	10
TR000002	Kalaivanan	90310100002835	Karthick	002101000231902	12	MUR	20

Bulk Debit Transaction Sample(BulkDebitTransaction.xlsx)

The screenshot shows an Excel spreadsheet titled 'BulkDebitTransaction.xlsx'. The data is organized in a table with the following columns: Tran Ref ID, Remitter Name, Remitter Account Number, Beneficiary name, Beneficiary Account Number, Beneficiary Bank Code, Currency, and Tran Amount.

Tran Ref ID	Remitter Name	Remitter Account Number	Beneficiary name	Beneficiary Account Number	Beneficiary Bank Code	Currency	Tran Amount
TR000001	Kalaivanan	90310100002835	Mano	002101000231901	12	MUR	10
TR000002	ram	90320100014525	Mano	002101000231901	27	MUR	20