

## PaySim User Manual



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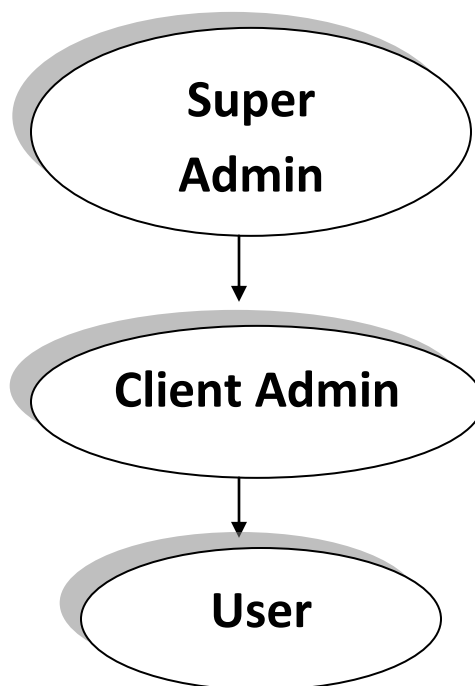
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## 1.0 OVERVIEW OF PAYSIM

PaySim (Abbreviation for Payment Simulator) is a cloud based solution aimed at providing a single cloud based tool for all auth-testing needs for both acquirers and issuers. It will act as Interchange Testing medium for Issuer and Acquirer Switch testing for various scheme testing. Instead of having separate simulators, the intention is to provide a solution which can cater to all channels testing at one place.

In this manual we will be only focusing on the Issuing testing.

PaySim is divided into three hierarchical levels:



In this manual we will be discussing in details about each level and the configurations required in each level.

## 2.0 GETTING STARTED

### 2.1 CAPGEMINI ADMIN ACTIVITY

At the very first time Capgemini Admin will login to PaySim after entering the URL provided by the Capgemini Team. Login page will be like the figure 1.0

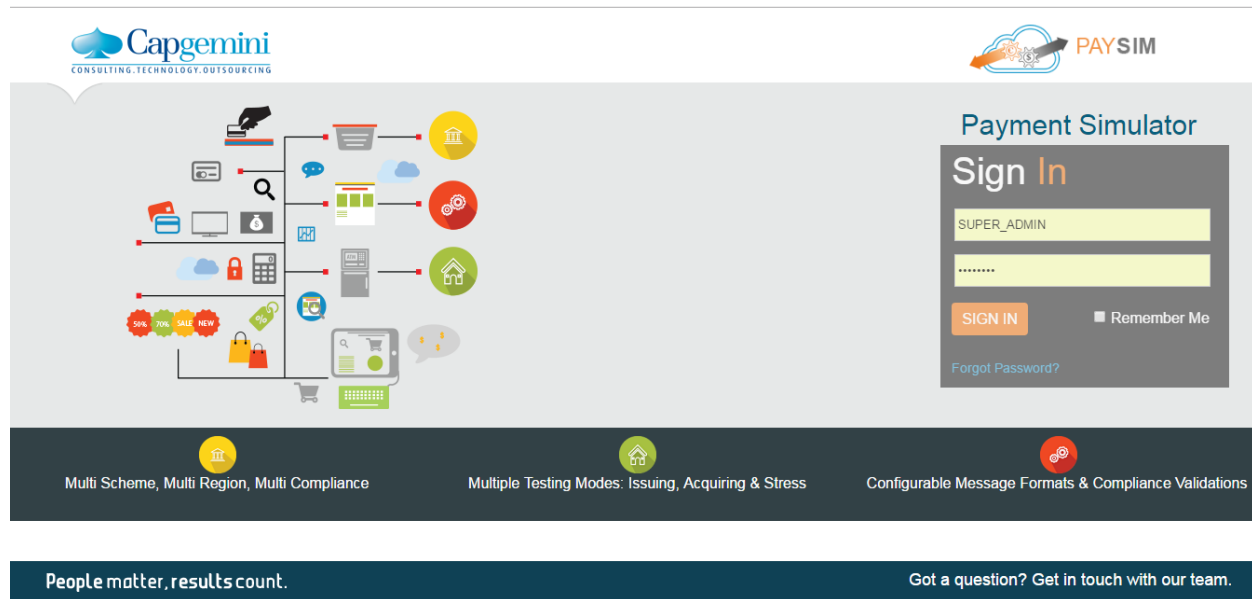


Figure 1.0: Capgemini Login Page.

After login Capgemini Admin will see the list of all clients added to PaySim and page will be like figure 1.1.

Client Name	Contact Name	Email Id	Phone Number	View	Edit
Bank Client 1	Bob	antara.guhap@capgemini.com	878787878787		
Bank Client 2	Gerold	antara.guhatp@capgemini.com	2323232324		
Bank Client 3	Mathews	antara.guhatrp@capgemini.com	7677777799		
Bank Client 4	Antara	antara.guhatest@capgemini.com	232223232323		
Bank Client 5	Hary	antara.guha5@capgemini.com	67686778676		
Bank Client 6	Thomas	antara.guha66@capgemini.com	2323123132424		
Bank Client 7	Antara Guha	antara.guha7@capgemini.com	2223524		
Bank Of Canada	BankOfCanada	amit.u2.singh@capgemini.com	7620596987		
Bank Of India	BankOfIndia	amit.u.singh2@capgemini.com	7620596987		

Figure 1.1 Client List

# PaySim

Here SUPER\_ADMIN can Add new client, Edit the existing client or view the existing client. So Figure 1.2 shows how to add a new client.

The screenshot shows the 'Add Client' form in the PaySim application. The form is titled 'Add Client' and contains the following fields:

- Client Name \*
- Client Registered Address \*
- Primary Contact Name \*
- Primary Email Id \*
- Primary Contact Phone \*
- MultiCurrency Certification \* (Yes ☐ No ☐)
- Secondary Contact Name
- Secondary Email Id
- Secondary Contact Phone
- Country Code \* (--- Select ---)
- Currency Code \* (--- Select ---)

At the bottom of the form are 'Cancel' and 'Save' buttons. A red asterisk indicates required fields. The top of the page shows a navigation bar with 'Welcome: Super Admin | Date: 14/03/2017 | Logout' and a sidebar with 'Message Config' and 'Admin' links. The footer says 'Powered by Capgemini'.

Figure 1.2 Add Client

SUPER\_ADMIN can edit an existing client by clicking “edit” tab which is shown in figure in 1.3

The screenshot shows the 'Edit Client' form in the PaySim application. The form is titled 'Edit Client' and contains the following fields:

- Client Name \* (Bank Of Canada)
- Client Registered Address \* (canada)
- Primary Contact Name \* (BankOfCanada)
- Primary Email Id \* (amit.u2.singh@capgemini.com)
- Primary Contact Phone \* (7620596987)
- MultiCurrency Certification \* (Yes ☐ No ☐)
- Secondary Contact Name (BankOfCanada)
- Secondary Email Id (amit.u.singh@capgemini.com)
- Secondary Contact Phone (7620596987)
- Country Code \* (Canada - CAN)
- Currency Code \* (Canadian DollarS-CAD)

At the bottom of the form are 'Cancel' and 'Save' buttons. A red asterisk indicates required fields. The top of the page shows a navigation bar with 'Welcome: Super Admin | Date: 14/03/2017 | Logout' and a sidebar with 'Message Config' and 'Admin' links. The footer says 'Powered by Capgemini'.

Figure 1.3 Edit Client

# PaySim

SUPER\_ADMIN can also see the existing client details by clicking “**View**” tab which is shown in figure 1.4

Figure 1.4 shows the 'View Client' form in the PaySim application. The form is titled 'View Client' and contains the following details:

Field	Value
Client ID	Bank_9216
Primary Contact Name	BankOfCanada
Primary Email Id	amit.u2.singh@capgemini.com
Primary Contact Phone	7620596987
Country Code	CAN
Client Registered Address	canada
Client Name	Bank Of Canada
Secondary Contact Name	BankOfCanada
Secondary Email Id	amit.u.singh@capgemini.com
Secondary Contact Phone	7620596987
Currency Code	CAD
MultiCurrency Certification	No

A 'Cancel' button is located at the bottom right of the form.

Figure 1.4 View client

In the “**Admin**” tab by clicking on “**Users**” tab List of all user will be present on screen as shown in the figure 1.5

Figure 1.5 shows the 'User List' table in the PaySim application. The table has the following columns: User Id, Client Name, Email Id, Phone Number, and View. The table contains 10 rows of user data. Below the table, it indicates that 83 items were found and displays the first 10 items.

User Id	Client Name	Email Id	Phone Number	View
ALDClearUser	BANK_9201	amit.u.singh@capgemini.com	7620596987	
Amsa	BANK_9776	amit.saha@capgemini.com	7620596987	
amsi	BANK_9776	amit.u.singh@capgemini.com	7620596987	
antu	BANK_6660	antu@gmail.com	7678686868	
Bank3User3	BANK_0003	Gary_K@gmail.com	1234567890	
Banka	BANK_3376	mridu.pillai@capgemini.com	12345678980	
Bank_0001	Bank_0001	john.nelson@capgemini.com		
Bank_0002	Bank_0002	sharan.chakraborty@capgemini.com	9175688867	
Bank_0003	Bank_0003	amit.u.singh@capgemini.com	9856966862	
Bank_1667	Bank_1667	antara.guha@capgemini.com	878787878787	

83 items found, displaying 1 to 10. [First/Last] 1, 2, 3, 4, 5, 6, 7, 8 [Prev/ Next]

Figure 1.5 User List

SUPER\_ADMIN can change the password by clicking on “**Change password**” tab as shown in figure 1.6

The screenshot shows the 'Change Password' form in the PaySim application. The form is titled 'Change Password' and contains three input fields: 'Old Password \*', 'New Password\*', and 'Confirm Password\*'. Each field has a red asterisk indicating it is a required field. Below the input fields are two buttons: 'Cancel' and 'Save'. A red note on the right side of the form states '\* Indicates the required field.' The top navigation bar shows 'Welcome: Super Admin | Date: 14/03/2017 | Logout'. The bottom right corner of the page indicates 'Powered by Caggemini'.

Figure 1.6 Change Passwords

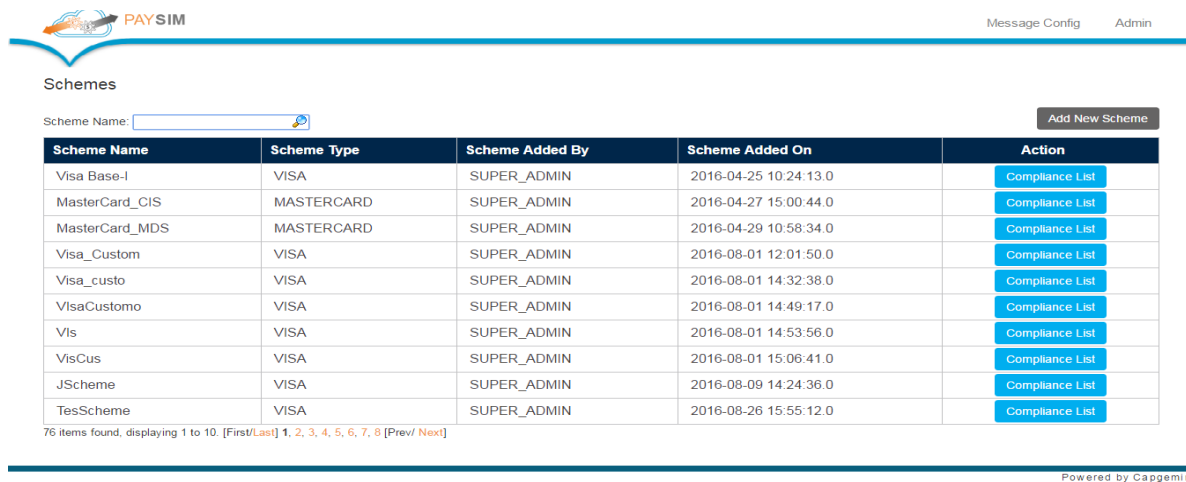
Using the “**Manage sessions**” tab SUPER\_ADMIN can see the list of all test user logged in to the PaySim and if required then can make those end user log out as shown in the figure 1.7.

The screenshot shows the 'Manage Sessions' table in the PaySim application. The table has three columns: 'Select', 'Logged Users Name', and 'Last Active Time'. There is one row of data for a user named 'HARY' who was last active on 'Tue Mar 14 14:40:58 IST 2017'. Below the table are two buttons: 'Cancel' and 'Logout'. The top navigation bar shows 'Welcome: Super Admin | Date: 14/03/2017 | Logout'. The bottom right corner of the page indicates 'Powered by Caggemini'.

Select	Logged Users Name	Last Active Time
<input type="checkbox"/>	HARY	Tue Mar 14 14:40:58 IST 2017

Figure 1.7 Manage Sessions

In “**Message Config**” tab by clicking on “**Scheme & Compliance**” tab, list of all schemes will be present on screen as shown in the figure 1.9



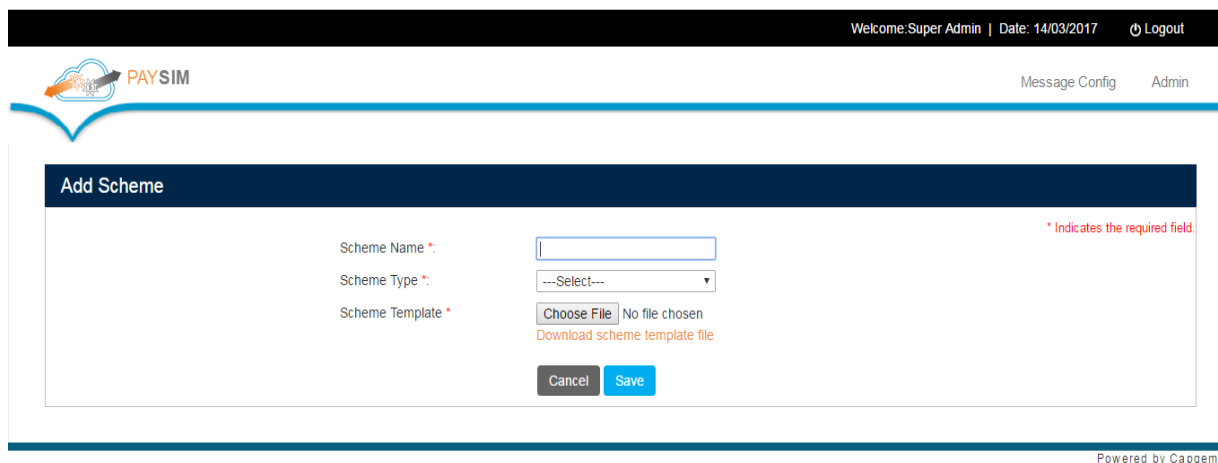
Scheme Name	Scheme Type	Scheme Added By	Scheme Added On	Action
Visa Base-I	VISA	SUPER_ADMIN	2016-04-25 10:24:13.0	<a href="#">Compliance List</a>
MasterCard_CIS	MASTERCARD	SUPER_ADMIN	2016-04-27 15:00:44.0	<a href="#">Compliance List</a>
MasterCard_MDS	MASTERCARD	SUPER_ADMIN	2016-04-29 10:58:34.0	<a href="#">Compliance List</a>
Visa_Custom	VISA	SUPER_ADMIN	2016-08-01 12:01:50.0	<a href="#">Compliance List</a>
Visa_custo	VISA	SUPER_ADMIN	2016-08-01 14:32:38.0	<a href="#">Compliance List</a>
VisaCustomo	VISA	SUPER_ADMIN	2016-08-01 14:49:17.0	<a href="#">Compliance List</a>
Vis	VISA	SUPER_ADMIN	2016-08-01 14:53:56.0	<a href="#">Compliance List</a>
VisCus	VISA	SUPER_ADMIN	2016-08-01 15:06:41.0	<a href="#">Compliance List</a>
JScheme	VISA	SUPER_ADMIN	2016-08-09 14:24:36.0	<a href="#">Compliance List</a>
TesScheme	VISA	SUPER_ADMIN	2016-08-26 15:55:12.0	<a href="#">Compliance List</a>

76 items found, displaying 1 to 10. [First/Last] 1, 2, 3, 4, 5, 6, 7, 8 [Prev/ Next]

Powered by Caggem

Figure 1.9 Schemes

SUPER\_ADMIN can add a new scheme by clicking on the “**Add New Scheme**” tab as shown in the figure 1.10



Welcome: Super Admin | Date: 14/03/2017 | Logout

Message Config Admin

### Add Scheme

Scheme Name \*

Scheme Type \*

Scheme Template \*  No file chosen  
[Download scheme template file](#)

\* Indicates the required field.

Powered by Caggem

Figure 1.11 Add Scheme

By clicking on the “**Compliance List**” on **PaySim Schemes** page all the compliance of that particular Scheme will be seen as shown in the figure 1.12.




Welcome:Super Admin   Date: 14/03/2017   Logout									
 <span>Message Config</span> <span>Admin</span>									
Compliance List									
Scheme Name: <input type="text" value="--- Select ---"/> Scheme Compliance: <input type="text" value="---Select---"/> <input type="button" value="Search"/> <input type="button" value="Add Scheme Compliance"/>									
Scheme Name	Scheme Compliance	Scheme Added By	Scheme Added On	Scheme Modified By	Scheme Modified On	View	Edit	Configure Field Values	
Visa Base-I	APR-2014	SUPER_ADMIN	2016-04-25 10:30:08.0	SUPER_ADMIN	2016-11-16 10:45:02.0			<input type="button" value="Configure Field Values"/>	
Visa Base-I	OCT-2014	SUPER_ADMIN	2016-05-03 11:00:23.0					<input type="button" value="Configure Field Values"/>	
Visa Base-I	JAN-2017	SUPER_ADMIN	2016-09-06 11:31:33.0					<input type="button" value="Configure Field Values"/>	
Visa Base-I	MAR-2017	SUPER_ADMIN	2016-10-27 12:17:21.0					<input type="button" value="Configure Field Values"/>	
Visa Base-I	DEC-2016	SUPER_ADMIN	2016-12-21 17:21:14.0					<input type="button" value="Configure Field Values"/>	
Visa Base-I	APR-2017	SUPER_ADMIN	2016-12-23 19:42:25.0					<input type="button" value="Configure Field Values"/>	
Visa Base-I	FEB-2015	SUPER_ADMIN	2016-12-27 16:52:51.0					<input type="button" value="Configure Field Values"/>	

Figure 1.12 Scheme Compliance

On the Scheme Compliance page by clicking on the “**Add Scheme Compliance**” tab a new compliance will be added to that scheme as shown in the figure 1.13



Welcome:Super Admin   Date: 14/03/2017   Logout									
 <span>Message Config</span> <span>Admin</span>									
Add New Compliance									
<div> <div> <div>Scheme Name*</div> <div>Visa Base-I</div> </div> <div> <div>Scheme Compliance*</div> <div> <input type="text" value="---Select---"/> <input type="text" value="---Select---"/> </div> </div> <div> <div>Authorization Template File*</div> <div> <input type="button" value="Choose File"/> <div>No file chosen</div> <div>Download scheme template file</div> </div> </div> <div> <div>Clearing Template File</div> <div> <input type="button" value="Choose File"/> <div>No file chosen</div> <div>Download clearing template file</div> </div> </div> <div> <div>Private Sub-Element File</div> <div> <input type="button" value="Choose File"/> <div>No file chosen</div> <div>Download pds template file</div> </div> </div> <div> <div>Data Mapping File</div> <div> <input type="button" value="Choose File"/> <div>No file chosen</div> <div>Download pds mapping template file</div> </div> </div> <div> <input type="button" value="Cancel"/> <input type="button" value="Save"/> </div> </div> <div>* Indicates the required field.</div>									
Powered by Capgemini									

Figure 1.13 Add Scheme Compliance

# PaySim

SUPER\_ADMIN can easily view, edit or configure field value of particular scheme compliance. By clicking on “**View**” tab page will be as shown in the figure 1.14

Welcome:Super Admin | Date: 14/03/2017 | Logout

PAYSIM

Message ConfigAdmin

View Compliance

Scheme Name: Visa Base-I

Scheme Compliance: APR-2014

Scheme Region: AMERICAS

Scheme File: [Visa\\_Basel.xlsx](#)


PRIMARYSECONDARYTERTIARY

Field Number	Field Name	Fixed / Variable	Field Length	Field Type	Field Data Type	Default Value
0	MTI	Fixed	4	BCD	NUMERIC	0100
1	BIT MAP	Fixed	24	BCD	BITMAP	
2	PAN - PRIMARY ACCOUNT NUMBER	Variable	19	BCD	NUMERIC	
3	PROCESSING CODE	Fixed	3	BCD	NUMERIC	000000
3.1	TRANSACTION TYPE	Fixed	2	BCD	NUMERIC	00-Goods/Service Purchase POS trasactions only
3.2	FROM ACCOUNT TYPE	Fixed	2	BCD	NUMERIC	00-Not Applicable or Not Specified

Figure 1.14 View Compliance

A scheme Compliance can also be edited by the clicking on “**Edit**” tab as shown in the figure 1.15

Welcome:Super Admin | Date: 14/03/2017 | Logout

PAYSIM

Message ConfigAdmin

Edit Compliance

\* Indicates the required field.

Configure System Codes

Scheme Name\* Visa Base-I

Scheme Compliance\* APR2014

Authorization Template File\* [Choose File](#) No file chosen  
[Visa\\_Basel.xlsx](#)  
[Download scheme template file](#)

Clearing Template File [Choose File](#) No file chosen  
[Download clearing template file](#)

Private Sub-Element File [Choose File](#) No file chosen  
[Download pds template file](#)

Data Mapping File [Choose File](#) No file chosen  
[Download pds mapping template file](#)

☒ Upload New File

☐ Modify Existing Bits

Figure 1.15 Edit Compliance

We can also configure field value using “**Configure Field Value**” tab as shown in figure 1.16

Welcome: Super Admin | Date: 14/03/2017 | Logout

Message Config Admin

### Configure Field Values

Visa Base-1 / APR-2014 / AMERICAS

\* Indicates the required field.

Dropdown Field Names\*

Dropdown Key\*

Dropdown Label\*

Cancel Add

OR

[Copy From Other Compliance](#)

Upload Field Value\*  No file chosen

Cancel Save Export Field Values

Value Key	Value Label	Field Number	Action
00	Goods/Service Purchase POS trasactions only	3.1	
01	Withdrawal/cash Advance	3.1	
03	Check Acceptance	3.1	
10	Account Funding	3.1	
11	Quasi-cash Transaction, POS transaction only	3.1	

Figure 1.16 Configure field value

Using the “**Copy from other Compliance**” we can copy field value from other compliance as shown in figure 1.17

Welcome: Super Admin | Date: 14/03/2017 | Logout

Message Config Admin

### Copy Field Values

\* Indicates the required field.

Compliance List\*

Dropdown Field Names\*

Cancel

	Value Key	Value Label	Field Number
<input type="checkbox"/>	6011	ATM	18.0
<input type="checkbox"/>	5411	Visa Cashback	18.0
<input type="checkbox"/>	5541	Service Stations	18.0
<input type="checkbox"/>	5542	Automated Fuel Dispensers	18.0

Copy

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Figure 1.17 Copy from other Compliance

When we click on “**Subscription**” in the “**Admin**” tab it will show the list of all subscription as shown in figure 1.18



Welcome:Super Admin   Date: 14/03/2017 <a href="#">Logout</a>									
 <span>Message Config</span> <span>Admin</span>									
Subscription									
Client Name: <input type="text"/> Scheme Name: <input type="text"/> <input type="button" value="Search"/> <input type="button" value="Add Subscription"/>									
Client Name	Scheme Name	License From	License Till	Issuing Port No	Acquiring Port No	View	Edit	Delete	
Bank_I	Visa Base-I	2016-04-25	2018-04-26	[3333, 4444]	[2323, 5555, 6666]				
Bank_I	VISA_21	2016-12-14	2018-12-07	[4456]	[5647]				
Bank_II	Visa Base-I	2016-04-25	2019-04-26	[1111, 2222]	[7777, 8888]				
Bank_II	MasterCard_CIS	2016-04-29	2017-04-30	[6543, 9867]	[3456, 5466]				
Bank_II	MasterCard_MDS	2016-04-29	2017-04-30	[9876]	[6789]				
Bank_III	Visa Base-I	2016-04-25	2018-04-12	[4141]	[2514]				
Bank_III	JScheme	2016-10-12	2018-10-24	[7855]	[4447]				
Scheme 25	Scheme 25	2016-11-07	2016-11-30	[4340]	[1201]				
Bank_VII	JScheme	2016-09-05	2017-09-12	[6588]	[2368]				

Figure 1.19 Subscription List

On the Subscription page there is a button “**Add Subscription**” by which SUPER\_ADMIN can add new subscription. Subscription can be for authorization or clearing or both. We have the option of choosing what kind of subscription we need by simply clicking on the service beside the “**Services**” radio button, as shown in the figure 1.20

Welcome:Super Admin   Date: 14/03/2017 <a href="#">Logout</a>									
 <span>Message Config</span> <span>Admin</span>									
Add Subscription									
<div> <div>Services</div> <div> <input checked="" type="radio"/> Authorization <input type="radio"/> Clearing &amp; Settlement <input type="radio"/> Both </div> </div> <div> <div>Testing Type</div> <div> <input type="radio"/> Issuing <input type="radio"/> Acquiring <input type="radio"/> Both </div> </div> <div> <div>Client Name *</div> <div> <input type="text"/> </div> </div> <div> <div>Scheme Name *</div> <div> <input type="text"/> </div> </div> <div> <div>Number Of Licenses *</div> <div> <input type="text"/> </div> </div> <div> <div>License From *</div> <div> <input type="text"/> </div> </div> <div> <div>Max. Allowed Transactions</div> <div> <input type="text"/> </div> </div> <div> <div>Load Testing *</div> <div> <input type="radio"/> Yes <input checked="" type="radio"/> No </div> </div> <div> <div>Issuing Testing ports(eg. 2323,3434,...) *</div> <div> <input type="text"/> </div> </div> <div> <div>Acquiring Testing Ports(eg. 2323,3434,...) *</div> <div> <input type="text"/> </div> </div> <div> <div>Number of users per port *</div> <div> <input type="text"/> </div> </div> <div> <div>License Till *</div> <div> <input type="text"/> </div> </div> <div> <div>Maximum Scripts *</div> <div> <input type="text"/> </div> </div> <div> <input type="button" value="Cancel"/> <input type="button" value="Add"/> </div>									

Welcome: Super Admin | Date: 14/03/2017 | Logout

Message Config Admin

### Add Subscription

Services: ☐ Authorization ☒ Clearing & Settlement ☐ Both

Client Name \*  Scheme Name \*

License From \*  License Till \*

Number Of Licenses \*

Cancel Add

\* Indicates the required field.

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Figure 1.20 Add Subscription

SUPER\_ADMIN can also see the Details of a subscription which is already added using “**view**” tab as shown in figure 1.21

Welcome: Super Admin | Date: 14/03/2017 | Logout

Message Config Admin

### View Subscription

Client Name	IDBI Bank	Issuing Testing ports(eg. 2323,3434,...)	[2222, 1111]
Scheme Name	Visa Base-1	Acquiring Testing Ports(eg. 2323,3434,...)	[]
Number Of Licenses	4	Number of users per port	2
License From	2017-02-23	License Till	2028-02-11
Max. Allowed Transactions	12434345	Maximum Scripts	12345
Service Subscribed	Authorisation	Testing Type	Issuing

Cancel

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Figure 1.21 View subscription

Using the “**Edit**” tab we can edit the existing subscription as shown in figure 1.22

Welcome: Super Admin | Date: 14/03/2017 | Logout

Message Config Admin

### Edit Subscription

Services
☒ Authorization
☐ Clearing & Settlement
☐ Both

Testing Type
☒ Issuing
☐ Acquiring
☐ Both

Client Name \* IDBI Bank Issuing Testing ports(eg. 2323.3434,...) \* 2222,1111

Scheme Name \* Visa Base-1 Acquiring Testing Ports(eg. 2323.3434,...) \*

Number Of Licenses \* 4 Number of users per port \* 2

License From \* 2017-02-23 License Till \* 2028-02-11

Max. Allowed Transactions 12434345 Maximum Scripts \* 12345

Load Testing \* Yes ☐ No ☒

Cancel Save

Powered by Capgemini

Figure 1.22 Edit subscription

SUPER\_ADMIN can also delete the existing subscription.

When we click on the “**Decision Table**” tab then list of all decision tables will be shown on the screen as shown in the figure 1.23

Welcome: Super Admin | Date: 14/03/2017 | Logout

Message Config Admin

Decision Table List

Add Decision Table

Decision Table Name	Scheme Name	Scheme Compliance	Testing Mode	Rule Type	View	Edit	Activate/Deactivate
Response_Cash-Withdrawal	Visa Base-1	MAR-2017	Issuer	Response			Deactivate
Request_Cash-Withdrawal	Visa Base-1	MAR-2017	Issuer	Request			Deactivate

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Figure 1.23 Decision Table list

On the decision table list page using the “**Add decision Table**” tab we can add new decision table into the PaySim as shown in the figure in 1.24

Welcome: Super Admin | Date: 14/03/2017 | Logout

Message Config Admin

### Add Decision Table

Please put suffix 172 to your Rule Agenda Groups. \* Indicates the required field.

Decision Table Name \*

Scheme Name \*

Scheme Compliance/Scheme Region \*

Decision Rule File \*  No file chosen

Service Type: ☒ Authorization ☐ Clearing

Testing Mode: ☐ Issuer ☐ Acquirer

Decision Table Type \* ☒ Request ☐ Response

Export Decision Table Template

Powered by Caggen

Figure 1.24 Add decision table

Using the “**view**” tab on the excel sheet of the decision table rule is exported apart from it using the “**edit**” tab we can edit the existing decision table rule.

In the “**Message Config**” tab when we click on the “**Script Configuration**” tab then list of all group will be shown on the screen as shown in the figure 1.25

Welcome: Super Admin | Date: 14/03/2017 | Logout

Message Config Admin

### Group List

Group Name:  Testing Mode:  Scheme Name:

Group Name	Testing Mode	Scheme Name	Scheme Compliance	Created By	View	Delete	Script
ATM_Testing	Issuer	Visa Base-1	MAR-2017	HARY	<input type="button" value="View"/>	<input type="button" value="Delete"/>	<input type="button" value="Script"/>

One item found.

Powered by Caggen

Figure 1.25 Group list

On the group list page using the “**Add New Group**” button SUPER\_ADMIN can add new group to the system as shown in the figure 1.26

The screenshot shows the 'Add New Group' form in the PaySim application. The form is titled 'Add New Group' and contains the following fields:

- Group Name \***: A text input field.
- Scheme Name \***: A dropdown menu with '--- Select ---'.
- Scheme Compliance/Scheme Region \***: A dropdown menu with '---Select---
- Testing Mode \***: Radio buttons for 'Acquirer' and 'Issuer'.
- Group Description \***: A text area.

At the bottom of the form are 'Cancel' and 'Save' buttons. A red asterisk indicates required fields. The top of the page shows the user is 'Super Admin' and the date is '14/03/2017'.

Figure 1.26 Add New Group

We can also edit and view the groups created by clicking on the edit/view button respectively on the group list page.

By clicking on the “**Script**” button on the group list page it will redirect to the script list page as shown in the figure 1.29

The screenshot shows the 'Script List' page in the PaySim application. The page has a header with the user 'Super Admin' and the date '14/03/2017'. Below the header, there is a 'Script List' section with the following elements:

- Script Group:** ATM\_Testing
- Script Compliance:** MAR-2017
- Script Name:** A text input field.
- Export Import Scripts:** A dropdown menu with '---Select---

Below these elements are buttons for 'Add Script' and 'Copy Script'. The main part of the page is a table with the following data:

Script Name	Script Execution Sequence Number	Script Execution Timeout(ms)	View	Edit	Delete
ATM_Cash_Withdrawal	1	100000			
ATM Test	2	1000000			

At the bottom of the table are buttons for 'Cancel', 'Save', and 'Reset'. The footer of the page says 'Powered by Capgemini'.


Figure 1.30 Script List



# PaySim

SUPER\_ADMIN add a script to group by clicking on “**Add script**” tab on the script list page as shown in the figure 1.31

Welcome:Hary | Current Project : Simulator | Date: 14/03/2017 | Logout



Home | Test Management | Auth Test Execution | Clearing And Settlement | Profile

### Add Script

Script Group: ATM\_Testing

Script Compliance : MAR-2017

Script Name\* :

Script Execution Timeout(ms) :

Reversals :

☒ PRIMARY

☐ SECONDARY


☐ TERTIARY

Field Number	Field Name	ISO Field Message	Field Data Type	Field Length	Expected Value	Overriden Value	Transaction Data	Echo Back	Pass Value
0	MTI	<input type="checkbox"/>	NUMERIC	4	0100	<input type="checkbox"/>		<input type="checkbox"/>	<input type="text"/>
1	BIT MAP		BITMAP	24				<input type="checkbox"/>	<input type="text"/>
2	PAN - PRIMARY ACCOUNT NUMBER	<input type="checkbox"/>	NUMERIC	19	4012888888881881	<input type="checkbox"/>		<input type="checkbox"/>	<input type="text"/>
3	PROCESSING CODE	<input type="checkbox"/>	BINARY	3	000000	<input type="checkbox"/>		<input type="checkbox"/>	<input type="text"/>
3.1	TRANSACTION TYPE		NUMERIC	2	00	<input type="checkbox"/>			<input type="text"/>

Figure 1.31 Add Script

Using the “**View**” tab user can see the details of a particular script as shown in the figure 1.32

Welcome:Hary | Current Project : Simulator | Date: 14/03/2017 | Logout



Home | Test Management | Auth Test Execution | Clearing And Settlement | Profile

### View Script

Script Group: ATM\_Testing

Script Compliance :: MAR-2017

Script Name : ATM\_Cash\_Withdrawal

Script Execution Timeout(ms): 100000

☒ PRIMARY

☐ SECONDARY

☐ TERTIARY

Field Number	Field Name	ISO Field Message	Field Data Type	Field Length	Expected Value	Overriden Value	Transaction Data	Visibility
0	MTI	<input checked="" type="checkbox"/>	NUMERIC	4	0100	<input checked="" type="checkbox"/>	0100	CONDITIONAL
1	BIT MAP	<input type="checkbox"/>	BITMAP	24		<input type="checkbox"/>		CONDITIONAL
2	PAN - PRIMARY ACCOUNT NUMBER	<input checked="" type="checkbox"/>	NUMERIC	19	4012888888881881	<input checked="" type="checkbox"/>	Visa Base-1_9554-1234567890123456789	CONDITIONAL
3	PROCESSING CODE	<input checked="" type="checkbox"/>	NUMERIC	3	000000	<input checked="" type="checkbox"/>	010000	MANDATORY
3.1	TRANSACTION TYPE	<input type="checkbox"/>	NUMERIC	2	00	<input checked="" type="checkbox"/>	01	MANDATORY
3.2	FROM ACCOUNT TYPE	<input type="checkbox"/>	NUMERIC	2	00	<input checked="" type="checkbox"/>	00	OPTIONAL
3.3	TO ACCOUNT TYPE	<input type="checkbox"/>	NUMERIC	2	00	<input checked="" type="checkbox"/>	00	OPTIONAL
4	AMOUNT, TRANSACTION	<input checked="" type="checkbox"/>	NUMERIC	12	000000500000	<input checked="" type="checkbox"/>	121212121212	MANDATORY
6	AMOUNT, CARDHOLDER BILLING	<input type="checkbox"/>	NUMERIC	12	000000500000	<input type="checkbox"/>		OPTIONAL
7	TRANSMISSION DATE AND TIME	<input type="checkbox"/>	NUMERIC	10	0000000000	<input type="checkbox"/>		MANDATORY
7.1	COMMISSION DATE CARDHOLDER							

Figure 1.32 View Script

# PaySim

By clicking on “**Edit**” tab CD\_ADMIN can edit and make changes to existing script as shown in the figure 1.33

Field Number	Field Name	ISO Field Message	Field Data Type	Field Length	Expected Value	Overridden Value	Transaction Data	Echo Back	Pass Value
0	MTI	<input checked="" type="checkbox"/>	NUMERIC	4	0100	<input checked="" type="checkbox"/>	0100	<input type="checkbox"/>	
1	BIT MAP		BITMAP	24				<input type="checkbox"/>	
2	PAN - PRIMARY ACCOUNT NUMBER	<input checked="" type="checkbox"/>	NUMERIC	19	4012888888881881	<input checked="" type="checkbox"/>	Visa Base-1_955	<input type="checkbox"/>	
3	PROCESSING CODE	<input checked="" type="checkbox"/>	NUMERIC	3	000000	<input checked="" type="checkbox"/>	010000	<input type="checkbox"/>	

Figure 1.33 Edit Script

Apart from it on script list page there is a link named as “**Copy script**” by which we can copy script value from existing script to another script as shown in the figure 1.34

	Script Name
<input type="checkbox"/>	ATM_Test_001
<input type="checkbox"/>	ATM_Test_002

Figure 1.34 Copy script

## 2.2 Client Admin Activity

Similar to Capgemini admin **Client Admin** will login to PaySim after entering the URL provided by the Capgemini Team. Using login Credential already sent to the registered email id of the client. But after first time login the client must have to change their password. Login page will be like the figure 2.0

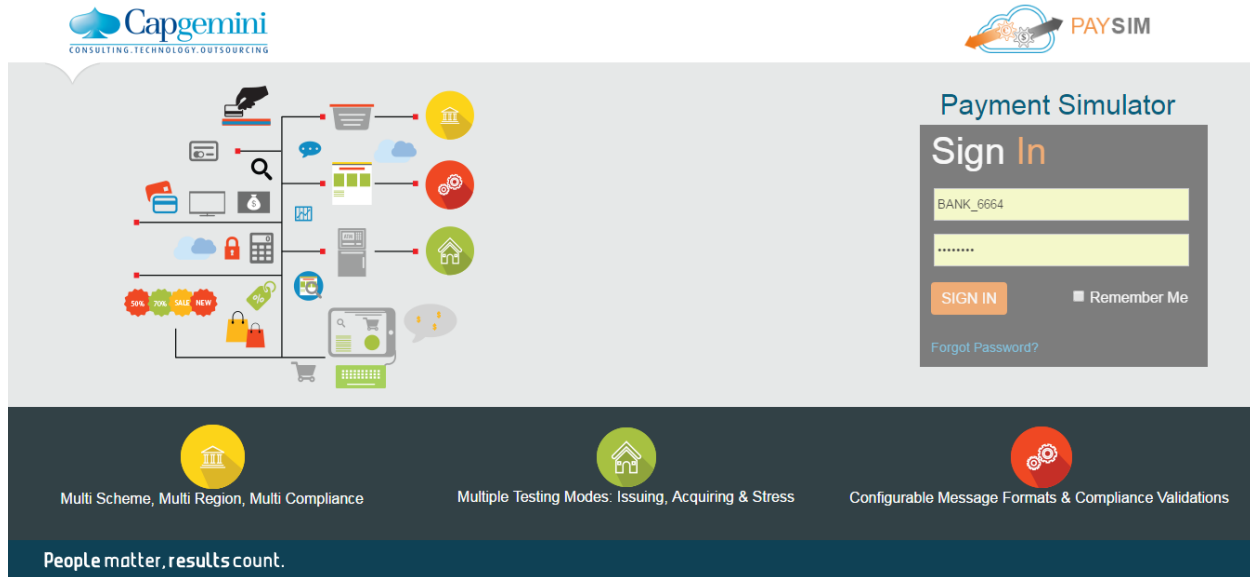


Figure 2.0 Client Admin Login

After login to the system by client Admin list of all users added by that particular client will be shown as shown in figure 2.1

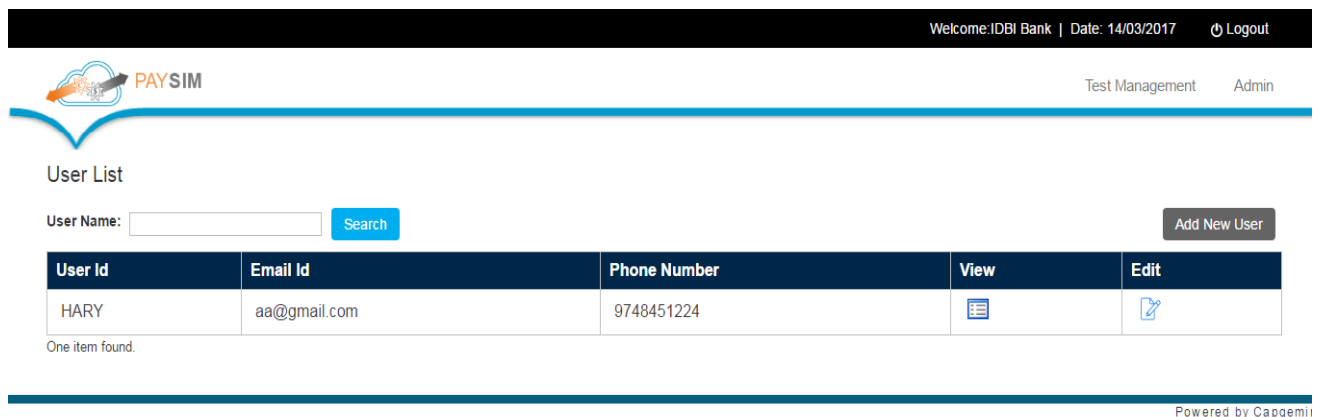


Figure 2.1 Client user list

Under “**Admin**” tab by clicking on “**Users**” tab list of all user will be shown of that particular client as shown in the figure 2.2

Welcome:IDBI Bank | Date: 14/03/2017 Logout

Test Management Admin

PaySIM

User List

User Name:  Search Add New User

User Id	Email Id	Phone Number	View	Edit
HARY	aa@gmail.com	9748451224		

One item found.

Powered by Capgemini

Figure 2.2 User list

Client Admin then has to add an User by clicking the “**Add User**” button. On clicking the add button a page appears to add new user under the client. Below image displays the page.

Welcome:IDBI Bank | Date: 14/03/2017 Logout

Test Management Admin

PaySIM

Add New User

\* Indicates the required field.

First Name \*

User Password \*

User Name \*

Email Id \*

Last Name \*

Confirm Password \*

Phone Number \*

Expiry Date \*

Cancel Save

Powered by Capgemini

# PaySim

Client Admin can also view the user created by clicking the view button on the user list page. Below image shows the view page.

Welcome: IDBI Bank | Date: 14/03/2017 | Logout

Test Management Admin

### User Details

User Name	HARY	Client Name	IDBI Bank
First Name	Hary	Last Name	Thomas
Expiry Date	2026-02-13	Role	USER
Email Id	aa@gmail.com		

### User's Role In Different Projects:

Project Name	Role
Atm Auth Testing	FUNCTIONAL_TESTER
Simulator	FUNCTIONAL_TESTER

Cancel

Powered by Capgemini

Fig: View User

Client Admin can also edit the user created by clicking the edit button on the user list page. Below image shows the view page.

Welcome: IDBI Bank | Date: 14/03/2017 | Logout

Test Management Admin

### Edit Existing User

Reset Password \* Indicates the required field.

Client Name	IDBI Bank	User Name	HARY
First Name*	<input type="text" value="Hary"/>	Last Name*	<input type="text" value="Thomas"/>
Email Id*	<input type="text" value="aa@gmail.com"/>	Phone Number*	<input type="text" value="9748451224"/>
Expiry Date	2026-02-13		

Cancel Save

Powered by Capgemini

Fig: Edit User

Client has also option to change their password using the “**Change Password**” tab as shown in the figure 2.3

Change Password

\* Indicates the required field.

Old Password \*

New Password\*

Confirm Password\*

Powered by Capgemini

Figure 2.3 Change password

Client Admin will get list of all projects by clicking on the tab “**Project**” as shown in the figure 2.4

Project Name

Project Name	Scheme Name	Assigned Ports	User Assignment	Edit	Status/Action
Atm Auth Testing	[Visa Base-1]	[1111,2222]	<input type="button" value="Assign"/>	<input type="button" value="Edit"/>	<input type="button" value="Deactivate"/>

One item found.

Powered by Capgemini

Figure 2.4 Project list

# PaySim

Client Admin will add a new project by clicking on the “Add new project” tab as shown in the figure 2.5

Welcome:IDBI Bank | Date: 14/03/2017 | Logout

Test Management Admin

### Create New Project

\* Indicates the required field.

Project Name:\*

Project Description:

Scheme Name: \* ☒ Visa Base-1

Port Selection :\*

<input type="checkbox"/>	Port Number	Scheme Name	Compliance Running
<input type="checkbox"/>	2222	Visa Base-1	MAR-2017
<input type="checkbox"/>	1111	Visa Base-1	MAR-2017

Cancel Save

Powered by Capgemini

Figure 2.5 Add Project

In the project list page Client Admin assign a project to one or more user by clicking on the “Assign” tab as shown in the figure 2.6

Welcome:IDBI Bank | Date: 14/03/2017 | Logout

Test Management Admin

### User Assignment

Assign User In:

<input type="checkbox"/>	User Id	Email Id	Manager	Load Tester	Functional Tester
<input checked="" type="checkbox"/>	HARY	aa@gmail.com	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Cancel Save

Powered by Capgemini

Figure 2.6 Assign Project

Client Admin can also edit an existing project by clicking on “**Edit**” tab as shown in the figure 2.7

Welcome:IDBI Bank | Date: 14/03/2017 | Logout

Test Management Admin

### Edit Project

\* Indicates the required field.

Project Name:  Project Description:

Scheme Name: \* ☒ Visa Base-1

Port Selection: \*

	Port Number	Scheme Name	Compliance Running
<input checked="" type="checkbox"/>	2222	Visa Base-1	MAR-2017
<input checked="" type="checkbox"/>	1111	Visa Base-1	MAR-2017

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Figure 2.7 Edit Project

Under the “**Test management**” tab there is an option called “**Port Configuration**” by which we can assign scheme compliance, testing type and user to a particular port as shown in figure 2.8

Welcome:IDBI Bank | Date: 14/03/2017 | Logout

Test Management Admin

### Port Details

Port Number	Scheme Name	Port Type	Scheme Compliance	Testing Type	Assigned User	Max Message Length	Port Environment
2222	Visa Base-1	Issuer	MAR-2017	Functional Testing	---NA---	2 Bytes	<input type="text"/>
1111	Visa Base-1	Issuer	MAR-2017	Functional Testing	---NA---	2 Bytes	<input type="text"/>

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Figure 2.8 Configure port

In “**Test management**” tab by clicking on the “**Script Configuration**” list of all groups created by client and user as shown in the figure 2.9

Group List

Group Name:  Testing Mode:  Scheme Name:

Group Name	Testing Mode	Scheme Name	Scheme Compliance	Created By	View	Delete	Script
ATM_Testing	Issuer	Visa Base-1	MAR-2017	HARY			<input type="button" value="Script"/>

One item found.

Powered by Capgemini

Figure 2.9 Group list

**Note:** To create a script user needs to go to the **Script Management** link on the **Test Management** tab. This is similar to the procedure followed to create scripts in Super Admin.

By clicking the “**Network Connectivity**” option in the “**Test Management**” tab list of all ports available for testing is displayed as shown in the figure 2.10

Manage Ports

Host IP Address : 10.109.32.54

Scheme Name	License From	License Till	Port No	Testing Type	Port Status	Connection Status	Action	Header Creation
Visa Base-1	2017-02-23	2028-02-11	2222	Issuer			<input type="button" value="Listen"/> <input type="button" value="Connect To Issuer"/>	Header
Visa Base-1	2017-02-23	2028-02-11	1111	Issuer			<input type="button" value="Listen"/> <input type="button" value="Connect To Issuer"/>	Header

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Figure 2.10 Manage ports

For all testing we need to set the header details for each port. Below image shows hoe the header page looks.

The screenshot shows the 'Add New Header' form in the PaySim application. The form is titled 'Add New Header' and contains two columns of input fields. The left column includes 'Header Length' (with a value of 0), 'Text Format', 'Destination Id \*', 'Round Trip Control Info', 'Message Status Flags', and 'Reserved'. The right column includes 'Header Format', 'Total Message Length' (with a value of 0), 'Source Id \*', 'Base Flags', 'Batch Number' (with a value of 0), and 'User Info'. A red asterisk indicates required fields. At the bottom of the form are 'Cancel' and 'Save' buttons. The top of the application shows a header with 'Welcome:IDBI Bank | Date: 14/03/2017' and a 'Logout' button. The bottom of the application shows 'Powered by Capgemini'.

Fig: Header Page

In the manage network port page clicking on “**Connect to issuer/acquirer**” it will redirect to another page where you will have to give remote host IP address and Report host port number as shown in figure 2.11

The screenshot shows the 'Connection Parameters' form in the PaySim application. The form is titled 'Connection Parameters' and contains two input fields: 'Remote Host IP Address: \*' and 'Remote Host Port ID : \*'. A red asterisk indicates required fields. At the bottom of the form are 'Cancel' and 'Connect' buttons. The top of the application shows a header with 'Welcome:IDBI Bank | Date: 14/03/2017' and a 'Logout' button. The bottom of the application shows 'Powered by Capgemini'.

Figure 2.11 Connect to Remote Host

By clicking on the “**connect**” tab it will connect to Remote host using that IP address and Port number. After establishing the connection to the remote host **port status** icon will be change and the status will change to as Connected.

If you click on **“Key Management”** on the **“Test Management”** tab it will redirect to key configuration page where list of all value will be present as shown in the figure 2.12

The screenshot shows the 'Key Details' page in the PaySim application. At the top, there is a navigation bar with 'Welcome:IDBI Bank | Date: 14/03/2017' and a 'Logout' button. Below the navigation bar, there is a 'Test Management' tab and an 'Admin' link. The main content area is titled 'Key Details' and contains a table with the following data:

BIN / ICA
Default
123456
123455

There is an 'Add BIN / ICA' button in the top right corner of the table. The footer of the page says 'Powered by Capgemini'.

Figure 2.12 Key Configuration

**“Add BIN/ICA”** button is used to set new value to the client ZMK, client ZPK, client MDK value and other key values as shown in the figure 2.13

The screenshot shows the 'Key Configurations' page in the PaySim application. At the top, there is a navigation bar with 'Welcome:IDBI Bank | Date: 14/03/2017' and a 'Logout' button. Below the navigation bar, there is a 'Test Management' tab and an 'Admin' link. The main content area is titled 'Key Configurations' and contains a form with the following fields:

Field	Value
BIN/PRODUCT_ID*	
IWK	
MDK	
SMC	
PIN Block Format*	--- Select ---
KEK	
Application	--- Select ---
ARPC Validation	Yes <input type="radio"/> No <input checked="" type="radio"/>
ZMK	
ZPK	
MACKey	
SMI	
Domain*	--- Select ---
DKI	--- Select ---
CVN	--- Select ---
PEK	

There are 'Cancel' and 'Save' buttons at the bottom of the form. A red asterisk indicates required fields. The footer of the page says 'Powered by Capgemini'.

Figure 2.13 Configure new keys

## 2.3 Test User Activity

Test User will login to PaySim using credential given by client admin after entering the URL provided by the Capgemini Team. Login page is as shown the figure 3.1

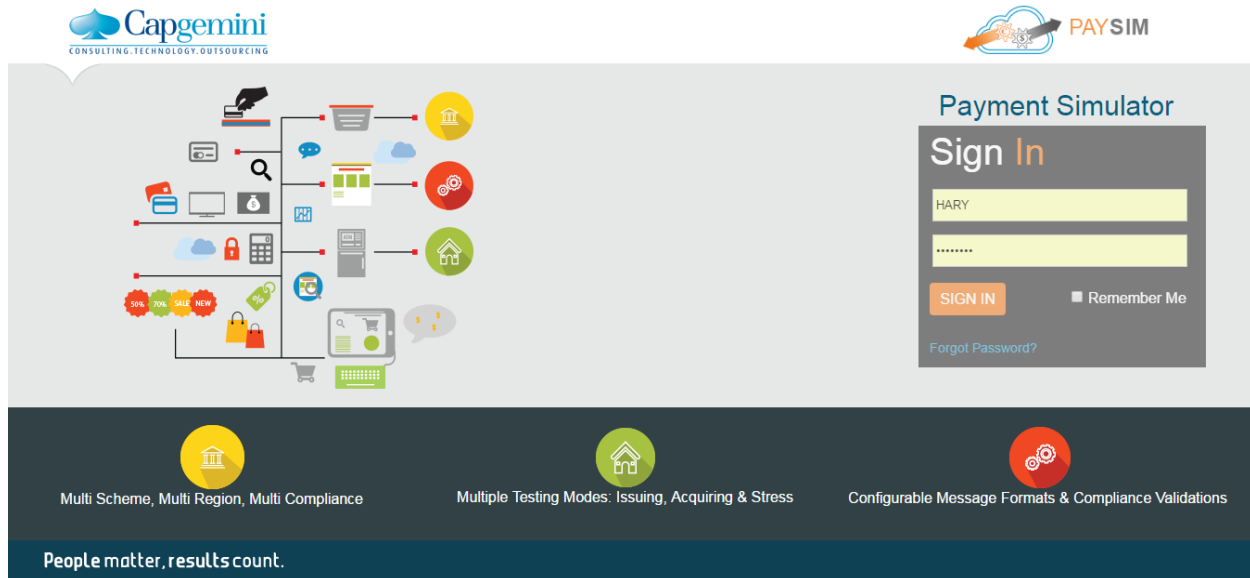


Figure 3.1 Test user login page

After the login user is navigated to the user landing page or the “Home” page, which looks like this in the image below:

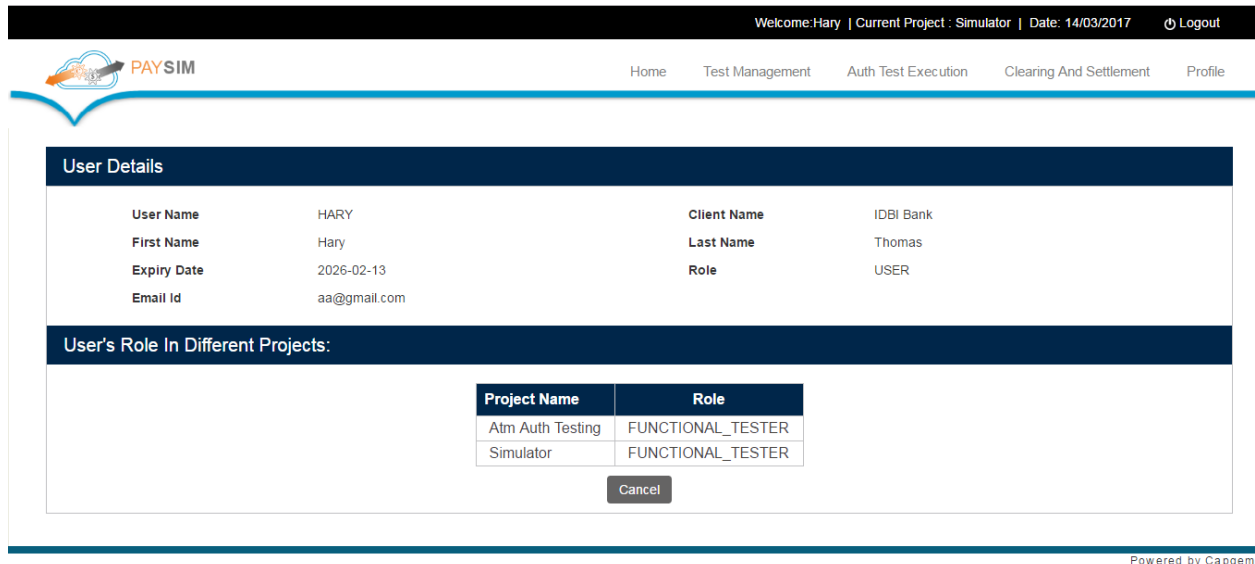


Fig: User Landing Page

# PaySim

To perform Issuing testing user has to navigate to the “**Auth Test Execution**” tab and click on the “**Issuer Testing**” which will take us to the page where user can begin start testing on the assigned ports. This is shown in the figure 3.2

Welcome: Hary | Current Project : Simulator | Date: 15/03/2017 | Logout

Home Test Management Auth Test Execution Clearing And Settlement Profile

Manage Ports

View Previous Log

Scheme Name	Port No	Port Status	Connection Status	Testing Type	Action
Visa Base-1	1111			Issuer	<a href="#">Run Transaction</a>
Visa Base-1	2222			Issuer	<a href="#">Run Transaction</a>

2 items found, displaying all items.

Powered by Capgemini

Figure 3.2 Manage port

If Client of the Issuer user is already connected to the Remote host then “**Run Transaction**” tab will be active and clicking on it will redirect to the transaction script page as shown in figure 3.3

Welcome: Hary | Current Project : Simulator | Date: 15/03/2017 | Logout

Home Test Management Auth Test Execution Clearing And Settlement Profile

Transaction Script

Execution Run ID : 181  
Visa Base-1/ MAR-2017 / 1111

Group Name: --- Select --- Export Transaction Log As: --Select--

View Previous Log

Send Echo Message


Powered by Capgemini

Figure 3.3 Issuer Transaction Script

# PaySim

User now has to select a group from the group dropdown list, doing this user will get to see all the scripts available in that group, this is shown in the figure 3.4

Welcome: Hary | Current Project : Simulator | Date: 15/03/2017 | Logout







Home | Test Management | Auth Test Execution | Clearing And Settlement | Profile

Transaction Script

Execution Run ID : 181  
Visa Base-1/ MAR-2017 / 1111

Group Name: ATM\_Testing | Export Transaction Log As: --Select-- | View Previous Log | Send Echo Message


	Script Name	Execution Count	Script TimeOut	Reversal/Repeat	View	Edit	Last Execution Time	Last Request Result	Last Response Result
<input type="checkbox"/>	ATM_Cash_Withdrawl		100000	--Select--					
<input type="checkbox"/>	ATM Test		1000000	--Select--					

Cancel | Run

Figure 3.4 Script List Of group

User now has to select the script/scripts on which it wants to perform the transactions and then click on the **“Run”** button. Doing this, Request message will get transmitted to the Remote Host and the Response sent from this host will get logged in the Response log box in PaySim. This is shown in the figure 3.5

Welcome: Hary | Current Project : Simulator | Date: 15/03/2017 | Logout







Home | Test Management | Auth Test Execution | Clearing And Settlement | Profile

Transaction Script

Execution Run ID : 181  
Visa Base-1/ MAR-2017 / 1111

Group Name: ATM\_Testing | Export Transaction Log As: --Select-- | View Previous Log | Send Echo Message

	Script Name	Execution Count	Script TimeOut	Reversal/Repeat	View	Edit	Last Execution Time	Last Request Result	Last Response Result
<input type="checkbox"/>	ATM_Cash_Withdrawl		100000	--Select--					
<input type="checkbox"/>	ATM Test		1000000	--Select--					

Cancel | Run

Request Log:

A large, empty rectangular box with a thin grey border, intended for displaying the Request Log. A small diagonal line icon is visible in the bottom right corner.

Response Log:


A large, empty rectangular box with a thin grey border, intended for displaying the Response Log. A small diagonal line icon is visible in the bottom right corner.

Figure 3.5 Request Response log

User can verify the response by exporting the data received from the host system in different formats. Currently user can export the data in HTML, Excel and Text format. We have also provided an export in the Compare Log format, in which user gets to see both the request and response messages in a tabular format. All these exports can be done by selecting the export type in the “**Export Transaction Log as**” dropdown present on this page.

By clicking on “**View previous log**” tab user is redirected to Detail transaction log page where list of all the previous transactions done by the user are displayed. We can also export these transactions in different file format like HTML/Text/Excel and Compare log by selecting the transaction in check box and then selecting the export format in the “**Action**” dropdown as shown in figure 3.6

Welcome: Hary | Current Project : Simulator | Date: 15/03/2017 | Logout


[Home](#)
[Test Management](#)
[Auth Test Execution](#)
[Clearing And Settlement](#)
[Profile](#)

### Detail Transactions Log

Run Id: --- Select ---
Group Name: --- Select ---
Scheme Compliance: Visa Base-1-MAR-2017,

Script Name: --- Select ---
Start Date:
End Date:

Search Cancel Reset

Action: --Select--

	Request/Response	Group Name	Script Name	Message Type	Executed At	Run Id	View
<input type="checkbox"/>	AUTH RESPONSE	ATM_Testing	ATM Test	0110	2017-02-24 16:35:41.825	167	
<input type="checkbox"/>	AUTH REQUEST	ATM_Testing	ATM Test	0100	2017-02-24 16:35:37.838	167	
<input type="checkbox"/>	AUTH RESPONSE	ATM_Testing	ATM Cash Withdraw	0440	2017-02-24	167	

Figure 3.6 Export Transaction log

**Note:** To create a script user needs to go to the **Script Management** link on the **Test Management** tab. This is similar to the procedure followed to create scripts in Client Admin and Super Admin.

In the **“Test Management”** tab user will get an option called **“Test Data Management”** clicking on this will give us the list of all the card data available for use by the user. User can also add new Card Test Data in this section; this is shown in figure 3.11



# PaySim

PaySim

in-hyd-gpcards.corp.capgemin.com:8085/PaySim\_Citi\_2/admin/cardsData/cardPreloadData

Welcome: Hary | Current Project : Simulator | Date: 15/03/2017 | Logout

Home Test Management Auth Test Execution Clearing And Settlement Profile

### Cards Test Data

Card Number:  Card Scheme:

Card Id	Card Number	SchemeName	View	Edit	Delete
Visa Base-1_9554	1234567890123456789	Visa Base-1			

One item found.

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Figure 3.11 card test data

User can add a new card test data by clicking on the “Add Test Data” tab as shown in figure 3.12

PaySim

Welcome: Hary | Current Project : Simulator | Date: 15/03/2017 | Logout

Home Test Management Auth Test Execution Clearing And Settlement Profile

### Add Card Data

Card Scheme\*  \* Indicates the required field.

Entry Mode\* ☐ Upload New File ☒ Manual Entry

Permanent Account Number(Card Number)\*  Date Expiration(MMY)\*

Name\*  Format Code

PIN\*  Discretionary Data\*

PVV  Service Code\*

Separator for Track1  Separator for Track2\*

Sequence Number\*  CVV/CVC

CVV2/CVC2   CVV3/CVC3

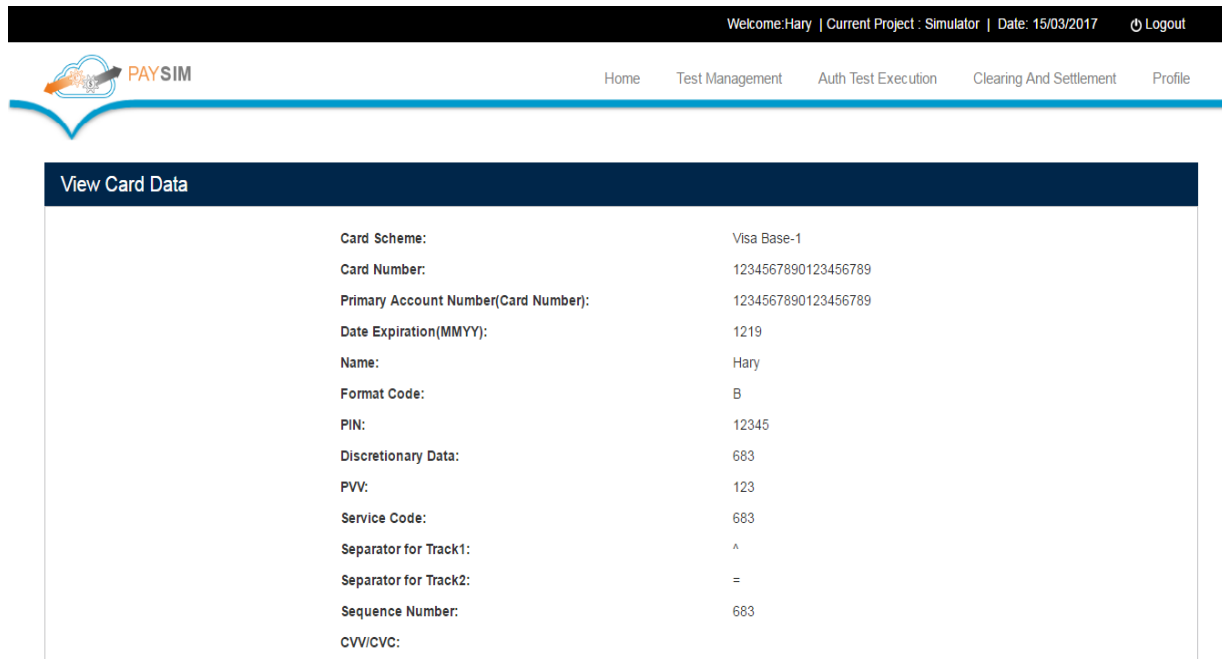
ICVV

Track1 Data  Track2 Data

Figure 3.12 Add Test data

Here user have two option to add card test data first one is by uploading values from excel sheet and other one in getting value manually. Fig 3.12 displays the manually filled card data option.

User can see the details of already existing Card Test Data by clicking on the “**view**” tab as shown in the figure 3.13




The screenshot shows the PaySim application interface. At the top, there is a navigation bar with the following items: Welcome:Hary | Current Project : Simulator | Date: 15/03/2017 | Logout. Below this is a secondary navigation bar with links: Home, Test Management, Auth Test Execution, Clearing And Settlement, and Profile. The main content area is titled 'View Card Data' and displays a table of card test data.

Card Scheme:	Visa Base-1
Card Number:	1234567890123456789
Primary Account Number(Card Number):	1234567890123456789
Date Expiration(MMY):	1219
Name:	Hary
Format Code:	B
PIN:	12345
Discretionary Data:	683
PVV:	123
Service Code:	683
Separator for Track1:	^
Separator for Track2:	=
Sequence Number:	683
CVV/CVC:	

Figure 3.13 View Card test data

Card test already added to the system can be modified by User by clicking on the “**Edit**” tab as shown in the figure 3.14

Welcome: Hary | Current Project : Simulator | Date: 15/03/2017
Logout


[Home](#)
[Test Management](#)
[Auth Test Execution](#)
[Clearing And Settlement](#)
[Profile](#)

### Edit Card Data


Card Scheme	Visa Base-1
Card Number	1234567890123456789
Primary Account Number(Card Number)	<input type="text" value="1234567890123456789"/>
Date Expiration(MMY)	<input type="text" value="1219"/>
Name	<input type="text" value="Hary"/>
Format Code	<input type="text" value="B"/>
PIN	<input type="text" value="12345"/>
Discretionary Data	<input type="text" value="683"/>
PVV	<input type="text" value="123"/>
Service Code	<input type="text" value="683"/>
Separator for Track1	<input type="text" value="A"/>
Separator for Track2	<input type="text" value="E"/>
Sequence Number	<input type="text" value="683"/>

Figure 3.14 Edit Card data

User can also delete a card test data by clicking on “**Delete**” tab.

In card test data list page another feature is user can export card data from other card data by clicking on “**Export**” tab as shown in figure 3.15

Welcome: Hary | Current Project : Simulator | Date: 15/03/2017
Logout


[Home](#)
[Test Management](#)
[Auth Test Execution](#)
[Clearing And Settlement](#)
[Profile](#)

### Export Card Data

Card Scheme\*

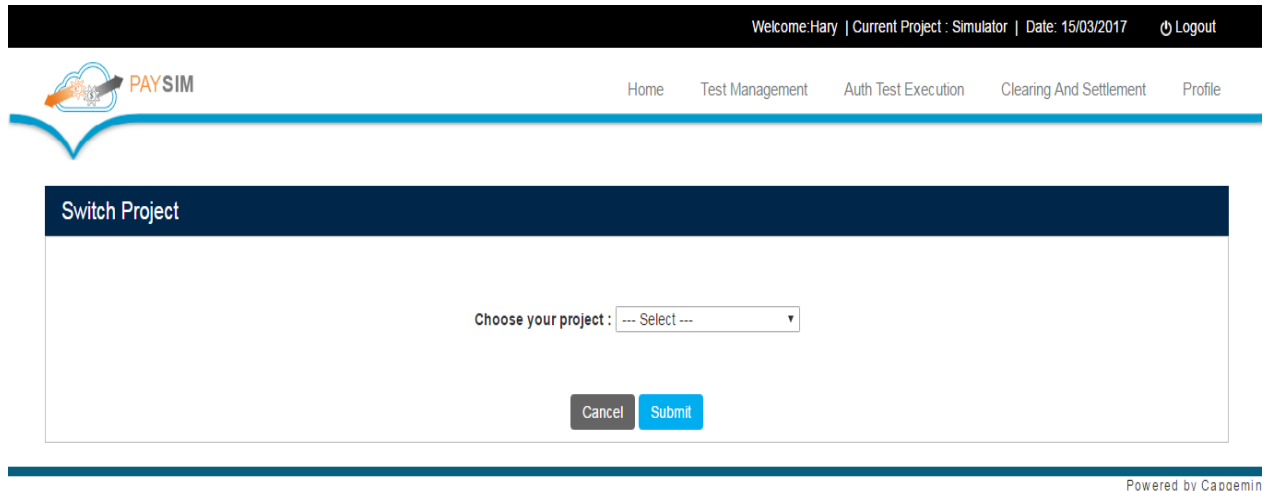
--- Select ---

\* Indicates the required field.

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Figure 3.15 Export card data

If user is assigned to more than one project then he has the option to switch from one project to another by clicking on the “**Switch project**” tab as shown in the figure 3.16



The screenshot shows the PaySim web application interface. At the top, a black header bar contains the text "Welcome: Hary | Current Project : Simulator | Date: 15/03/2017" and a "Logout" button. Below this is a blue navigation bar with the PaySim logo and several menu items: "Home", "Test Management", "Auth Test Execution", "Clearing And Settlement", and "Profile". The main content area features a dark blue header for the "Switch Project" section. Below this header is a white box containing a label "Choose your project :", a dropdown menu with the text "--- Select ---", and two buttons: "Cancel" and "Submit". At the bottom right of the page, there is a small text "Powered by Capgemini".

Figure 3.16 Switch project

----End----

**If you have any queries or doubts regarding the manual please contact the Capgemini Support team.**