



RBP FINTECH
PTE. LTD.

Wallet And Card API

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Description	Base URL
Sandbox	https://sandbox.rbpfinivis.com
Production	After completing the audit process production URL will be shared

Description	Bank Name
Sandbox Bank PipeName	SBM

Generate encrypted credentials for username ,password & aesKey

URL - /api/v1/getEncryptedData

Method Type – HTTP POST

Description – This API is used to get the AES encrypted form of username,password and aesKey-EncryptedUsingPublicKey by providing the admin credentials. It will be used in as a parameter in generating the token.

Headers Parameter	Type	Data Type	Description	Requisite
userName	String	Alphanumeric	Unique Username of the Admin client.	Mandatory
password	String	Alphanumeric	Unique password of the Admin client.	Mandatory

Response Body Parameters:

Headers Parameter	Type	Data Type	Description
userName	String	Alphanumeric	username of the member in encrypted format
password	String	Alphanumeric	password of the member in encrypted format
aesKeyEncryptedUsingPublicKey	String	Alphanumeric	aes key in encrypted format
code	String	Alphanumeric	200: Success 400: Bad Request 401: Unauthorized Error



Get Token

URL - /api/v1/getToken

Method Type – HTTP POST

Description – This API will be used for getting the token by providing the username, password and key in encrypted format.

Headers Parameter	Type	Data Type	Description	Requisite
userName	String	Alphanumeric	Unique Username of the Admin client.	Mandatory
password	String	Alphanumeric	Unique password of the Admin client.	Mandatory
aesKeyEncrypted UsingPublicKey	String	Alphanumeric	RSA encrypted random value using public key	Mandatory

Response Body Parameters:

Headers Parameter	Type	Data Type	Description
username	String	Alphanumeric	username of the member
code	String	Alphanumeric	200: Success 400: Bad Request 401: Unauthorized Error
authorizationToken	String	Alphanumeric	Token



Member Functions with KYC

Find Program Details of Client

URL - /api/v1/findProgramForClient

Method Type – HTTP POST

Description – This API is used to get all program details which have been configured for you. Here you will find programName, cardName, cardArrayHashId and walletArrayHashId which are

Headers Parameter	Type	Data Type	Description	Requisite
clientUsername	String	Alphanumeric	Unique Username of the client	Mandatory

Response Body Parameters:

Headers Parameter	Type	Data Type	Description
code	String	Alphanumeric	200: Success 400: Bad Request 401: Unauthorized Error
message	String	Alphanumeric	Response message

Create Member

URL - /api/v1/addUserDetails

Method Type – HTTP POST

Description – This API is used to create a member under a specific client. Creation of members required mandatory fields like firstName, lastName, it's unique userName, email, mobile, address details. While creating new member card can also be requested for which member's name on the card must be provided in the field cardHolderName. The client under whom this new member is getting created, it's information to be provided in the field clientUserName. The allowed formats and field restrictions are provided in the below table.

Multiple examples of request/response with success and validation are provided for reference.



While creating a member we have the facility to apply for automatic request of a card, apply for instant card or request for card later using field "applyForInstantCard" and "applyForAutomaticCard" with value "Yes" or "No". If a member has requested for automatic apply for card then a card request will be automatically sent for the card generation and if applied for instant issue card , the member will be given card instantly by the client.

Note : The password can be collected in the response body of the API for login purpose. Use Bearer token for authorization needed in other APIs within this set. In header we have to pass the Bearer token for authorization

Headers Parameter	Type	Data Type	Description	Requisite
idType	String	Alphanumeric	Type of ID proof document. - Passport - Driver License - National Id	Mandatory
idNumber	String	Alphanumeric	ID number must be the same as showing on ID Proof document.	Mandatory
issuedBy	String	Alphanumeric	2 digit ISO country code of issuing country - US - IN	Mandatory
issuedDate	String	Alphanumeric	Id proof issuing date. Must be before TODAY. -format: YYYY-DD-MM	Mandatory
expirationDate	String	Alphanumeric	Id proof expiration date. Must be after TODAY. -format: YYYY-DD-MM	Mandatory
username	String	Alphanumeric	Unique Username of the Member.	Mandatory
documentLanguage	String	Alphanumeric	Language of the submitted document - English - Spanish - French - Arabic - Chinese - Japanese - Russian - Portuguese - German - Italian - Hindi - Other	Mandatory
clientUsername	String	Alphanumeric	Unique Username of the client.	Mandatory
addressProofFront	String	Alphanumeric	Base64 encoded document data.	Mandatory
addressProofBack	String	Alphanumeric	Base64 encoded document data.	Mandatory



Response Body Parameters:

Headers Parameter	Type	Description
status	String	Success Failed
code	String	200: Success 400: Bad Request 401: Unauthorized Error
message	String	Detailed response message
password	String	In response get the password for login

Add KYC Id Proof

URL - /api/v1/addKycIdProofDetails

Method Type – HTTP POST

Description – This API is used to submit KYC ID proof details once member is created. It requires details such as member userName, clientUserName, member's ID document details such as type of ID proof, issuing date, expiration date, issuing authority name, submitted document language, ID proof front and back copy in the encoded Base 64 format.

Multiple examples of request-response provided with success and validation. Add Bearer Token for Authorization

Fields	Type	Data Type	Description	Requisite
				Mandatory
idType	String	Alphanumeric	Type of ID proof document. - Passport - Driver License - National Id	Mandatory
idNumber	String	Alphanumeric	ID number must be the same as showing on ID Proof document.	Mandatory
issuedBy	String	Alphanumeric	2 digit ISO country code of issuing country - US - IN	Mandatory
issuedDate	String	Alphanumeric	Id proof issuing date. Must be before TODAY. -format: YYYY-DD-MM	Mandatory
expirationDate	String	Alphanumeric	Id proof expiration date. Must be after TODAY. -format: YYYY-DD-MM	Mandatory
username	String	Alphanumeric	Unique Username of the Member.	Mandatory



documentLanguage	String	Alphanumeric	Language of the submitted document - English - Spanish - French - Arabic - Chinese - Japanese - Russian - Portuguese - German - Italian - Hindi - Other	Mandatory
clientUsername	String	Alphanumeric	Unique Username of the client.	Mandatory
addressProofFront	String	Alphanumeric	Base64 encoded document data.	Mandatory
addressProofBack	String	Alphanumeric	Base64 encoded document data.	Mandatory

Response Body Parameters:

Headers Parameter	Type	Description
status	String	Success Failed
code	String	200: Success 400: Bad Request 401: Unauthorized Error
messageStringKYC address proof update status	messageStringKYC address proof update status	messageStringKYC address proof update status

Add KYC Address Proof

URL - /api/v1/addKycAddressProofDetails

Method Type – HTTP POST

Description – After submission of Id Proof details, this API is used to submit KYC address proof details for the member. It requires details such as member userName, clientUserName, member's address document details such as type of address document, issuing date, issuing authority name, submitted document language, address proof front and back copy in the encoded Base 64 format.

Headers Parameter	Type	Data Type	Description	Requisite
addressType	String	Alphanumeric	Allowed type of address proof document. - Credit Card Statement - Utility Bill - Bank Statement - Bank Letter	Mandatory
issuedBy	String	Alphanumeric	Issuing authority name, such as the name of the utility company or bank.	Mandatory
issuedDate	String	Alphanumeric	The date stamp on the document when it was issued. May not be more than 90 days old. Format: YYYY-DD-MM	Mandatory
username	String	Alphanumeric	Unique userName of the Member.	Mandatory
documentLanguage	String	Alphanumeric	Language of the submitted document - English - Spanish - French - Arabic - Chinese - Japanese - Russian - Portuguese - German - Italian - Hindi - Other	Mandatory
clientUsername	String	Alphanumeric	Unique User Name of the Client.	Mandatory
addressProofFront	String	Alphanumeric	Base64 encoded document data.	Mandatory
addressProofBack	String	Alphanumeric	Base64 encoded document data.	Mandatory



Response Body Parameters:

Headers Parameter	Type	Description
status	String	Success Failed
code	String	200: Success 400: Bad Request 401: Unauthorized Error
message	String	KYC address proof update status

Get Members Details

URL - /api/v1/getMemberDetails

Method Type - HTTP POST

Description - This API will fetch member information such as userName, userHashId, status, DOB, contact details by providing member userName. It will also provides the member's Card(s) and/or Wallet(s) detailed information.

Headers Parameter	Type	Data Type	Description	Requisite
username	String	Alphanumeric	Unique Username of the Member.	Mandatory

Response Body Parameters:

Headers Parameter	Type	Description
status	String	Success Failed
code	String	200: Success 400: Bad Request 401: Unauthorized Error
message	JSONObject	Member details object



Get KYC Status

URL - /api/getKycStatus

Method Type – HTTP POST

Description – This API is used to get the KYC status of the Member. A status of "Full_KYC" will be required prior to applying for Card(s)/Wallets(s). Different status/flag is used to identify the progress in KYC submission.

Headers Parameter	Type	Description
username	String	Unique Username of the member in the ViaCarte system.

Response Body Parameters:

Headers Parameter	Type	Data Type	Description	Requisite
status	String	Alphanumeric	<i>Non_KYC</i> : No KYC document is submitted. <i>KYC_Requested</i> : KYC document submitted but not yet approved <i>Full_KYC</i> : KYC documents submitted and approved by the Admin. <i>KYC_Rejected</i> : KYC documents submitted and rejected by the Admin. <i>KYC_OnHold</i> : KYC documents submitted but on hold for review. <i>KYC_Exception</i> : KYC documents submitted but due to some incorrect details resubmission is advised by the Admin.	Mandatory
code	String	Alphanumeric	200: success 400: Bad Request 401: Unauthorized Error	Mandatory
message	String	Alphanumeric	KYC details	Mandatory



Update Member Details

URL - /api/v1/updateUserDetails

Method Type – HTTP POST

Description – This API is used to update/edit the details of a member. This API needed all the fields which are required for creating new members with updated details.

Headers Parameter	Type	Data Type	Description	Requisite
firstName	String	Alphanumeric	First name of the member. No restriction on character length. Standard characters and spaces only; no special characters.	Mandatory
lastName	String	Alphanumeric	Last name of the member. No restriction on character length. Standard characters and spaces only; no special characters.	Mandatory
username	String	Alphanumeric	Unique username of the member. Max length 30, Standard characters and spaces only; no special characters.	Mandatory
title	String	Alphanumeric	Mr Mrs Ms	Mandatory
suffix	String	Alphanumeric		Mandatory
email	String	Alphanumeric	Email address of the member. Must be unique.	Mandatory
mobileNo	String	Alphanumeric	Member's mobile number. Max 15 digits allowed. Must be Unique.	Mandatory
gender	String	Alphanumeric	Male Female	Mandatory
cardHolderName	String	Alphanumeric	Name of the member displayed on the card. Max 23 characters. Alphanumeric and spaces only; no special characters.	Mandatory
programName	String	Alphanumeric	Program into which member will be added. Member will be able to apply for cards/wallets available in this Program only.	Mandatory
clientUsername	String	Alphanumeric	Client's unique user name	Mandatory
cardName	String	Alphanumeric	Name of card, selected from card(s) available in the program list.	Mandatory
countryCode	String	Alphanumeric	2 digit ISO country code where the member resides.	Mandatory
dateOfBirth	String	Alphanumeric	Date Format: YYYY-MM-DD	Mandatory
callingCode	String	Alphanumeric	Mobile number prefix. Do not use "+". Ex: 1 for US -91 for IN	Mandatory
callingCountrycode	String	Alphanumeric	2 digit ISO country code. Must coincide with callingCode.	Mandatory
state	String	Alphanumeric	Member's address state.	Mandatory



city	String	Alphanumeric	Member's address city.	Mandatory
postalCode	String	Alphanumeric	City postal code.	Mandatory
address	String	Alphanumeric	Member's residence address.	Mandatory
secondaryPhone	String	Alphanumeric	Additional phone number of the member.	Mandatory
secondaryAddress	String	Alphanumeric	Second line address of the member.	Mandatory
applyForInstantCard	String	Alphanumeric	If needed to update the profile for instant card, can provide the parameter "Yes" or "No"	Mandatory

Response Body Parameters:

Headers Parameter	Type	Description
status	String	Success Failed
code	String	200: Success 400: Bad Request 401: Unauthorized Error
message	String	Detailed response message



Login And Password

Login with (username & Password) OR (kitnumber & Password)

URL - /api/v1/login

Method Type – HTTP POST

Description – This API is used to login the member based on correct username and password or the correct kitnumber and password. If the details submitted is valid member can login successfully.

Note : The **Headers Parameter** "username" will be used for both providing the member Unique username or the member's kitnumber

Headers Parameter	Type	Data Type	Description	Requisite
username	String	Alphanumeric	Unique username of the member or the unique kitnumber of the member.	Mandatory
password	String	Alphanumeric	The new password for the member.	Mandatory

Response Body Parameters:

Headers Parameter	Type	Description
status	String	Success Failed
code	String	200: success 400: Bad Request 401: Unauthorized Error
message	String	Success



Reset Password (without otp verification)

URL - /api/v1/resetPassword

Method Type – HTTP POST

Description – This API is used to change the password without any OTP verification. Required details include: username of the member, new Password and confirm password.

Headers Parameter	Type	Data Type	Description	Requisite
username	String	Alphanumeric	Unique username of the member.	Mandatory
newPassword	String	Alphanumeric	The new password for the member.	Mandatory
confirmPassword	String	Alphanumeric	confirming the new password	Mandatory

Response Body Parameters:

Headers Parameter	Type	Description
status	String	Success Failed
code	String	200: success 400: Bad Request 401: Unauthorized Error
message	String	Success

Get OTP for Password

URL - /api/getOtp

Method Type – HTTP POST

Description – This API is used for updating the old password. In this API member will receive an OTP on email and mobile number which will be used for verification purpose. Required details include: username of the member.

Headers Parameter	Type	Data Type	Description	Requisite
username	String	Alphanumeric	Unique username of the member.	Mandatory



Response Body Parameters:

Headers Parameter	Type	Description
status	String	Success Failed
code	String	200: success 400: Bad Request 401: Unauthorized Error
message	String	Success

Verify OTP and update password

URL - /api/v1/resetPasswordWithOtp

Method Type – HTTP POST

Description – This API is used for verification of the OTP and updating the old password of a member. Required details include: username of the member, Otp, new Password and confirm password.

Headers Parameter	Type	Data Type	Description	Requisite
username	String	Alphanumeric	Unique username of the member.	Mandatory
otp	String	Alphanumeric	The otp will be sent on mail or phone for the user verification.	Mandatory
newPassword	String	Alphanumeric	The new password for the member.	Mandatory
confirmPassword	String	Alphanumeric	confirming the new password	Mandatory

Response Body Parameters:

Headers Parameter	Type	Description
status	String	Success Failed
code	String	200: success 400: Bad Request 401: Unauthorized Error
message	String	Success



Change Password (using old password)

URL - /api/v1/changePassword

Method Type - HTTP POST

Description - This API is used for updating the old password of a member. Required details include: username of the member, currentPassword which is to be updated with a new one.

Headers Parameter	Type	Data Type	Description	Requisite
username	String	Alphanumeric	Unique username of the member.	Mandatory
currentPassword	String	Alphanumeric	The old password of the member which is to be updated.	Mandatory
password	String	Alphanumeric	The new password for the member.	Mandatory
confirmPassword	String	Alphanumeric	confirming the new password	Mandatory

Response Body Parameters:

Headers Parameter	Type	Description
status	String	Success Failed
code	String	200: success 400: Bad Request 401: Unauthorized Error
message	String	Success

Card Functions

Apply For New Card

URL - /api/Common/acquireBankIIN

Method Type – HTTP POST

Description – If a member has not opted for automatic card request or an instant card in that case this API is used to request a Card for a Member. Member can hold multiple Cards, hence this API serves as an add on Card request to order new Cards. Member should be Full_Kyc before applying for the card. If the request submitted successfully, the API response contains the name/type of the card to be issued.

This request requires 24 hours to be process.

Headers Parameter	Type	Data Type	Description	Requisite
userName	String	Alphanumeric	Unique Username of the Member	Mandatory
programHashId	String	Alphanumeric	The program HashId is the unique Id of a program under which the card exist and can be obtained by Program details Api	Mandatory
cardArrayHashId	String	Alphanumeric	Unique Id of the card for which the member is applying for.	Mandatory
programHashId	String	Alphanumeric	Unique Username of the Member	Mandatory
cardHolderName	String	Alphanumeric	This name to be displayed on the card. Maximum 23 characters; no special characters allowed	Mandatory

Response Body Parameters:

Headers Parameter	Type	Description
status	String	Success Failed
code	String	200: success 400: Bad Request 401: Unauthorized Error
message	String	Card request status message from processor
cardName	String	Card Name of the Client Program



Get Assigned Card Details

URL - /api/v1/assignedCardDetails

Method Type - HTTP POST

Description - This API is used to get complete details of all the Cards which have been assigned(not necessarily to be active) to a Member. All cards related information will be fetched. Card information like proxyNumber, cardNumber (masked), Card expiryDate, cardHashId, cardArrayHashId, programHashId, Card Status (Active, Inactive), Card Type (Physical, Virtual) can be used from this API.

Headers Parameter	Type	Data Type	Description	Requisite
userName	String	Alphanumeric	Unique username of the member	Mandatory

Response Body Parameters:

Headers Parameter	Type	Description
status	String	Success Failed
code	String	200: success 400: Bad Request 401: Unauthorized Error
message	String	Card details message
details	Array	It is a array of Card object which will have card details, Client details, cardArray details

Activate The Card For First Time

URL - /api/v1/activateCardFirstTime
 Method Type – HTTP POST

Description –Once a newly card is assigned to a member, this API is used to activate that. Once the card is created for the member, it is in an Inactive state until the Member activates it. To activate the Card, this API requires Username, cardHashId and kitNumber. cardHashId for the Member Card can be fetched using card Deatils API. kitNmber is a Unique 16 digit number only available to the Member when he receives the card.

Notes:

- 1-For UAT once is assigned inform your Viacarte support before activating the card. A card cannot be activate without Viacarte intervention on UAT.
- 2-For UAT Card activation KIT number is retrieve from Get Assigned Card Details method ("versatecCardHash").

Headers Parameter	Type	Data Type	Description	Requisite
userName	String	Alphanumeric	Unique Username.	Mandatory
kitNumber	String	Alphanumeric	kitnumber provided by the processor.	Mandatory
cardHashId	String	Alphanumeric	This name to be displayed on the card.	Mandatory

Response Body Parameters:

Headers Parameter	Type	Description
status	String	Success Failed
code	String	200: success 400: Bad Request 401: Unauthorized Error
message	String	Card activation status message from processor

Get Active Card Details

URL - /api/v1/activeCardDetails
 Method Type – HTTP POST

Description –Once a newly card is assigned to a member, this API is used to activate that. Once the card is created for the member, This api is used to gather the details regarding cards of a member/user (The card details will appear only when the card is in active condition).



Headers Parameter	Type	Data Type	Description	Requisite
userName	String	Alphanumeric	Unique Username of the member in the ViaCarte system.	Mandatory

Response Body Parameters:

Headers Parameter	Type	Description
status	String	Success Failed
code	String	200: success 400: Bad Request 401: Unauthorized Error
message	JsonObject	Response Body

Block card (Temporary)

URL - /api/v1/lockUnlockCard
Method Type - HTTP POST

Description -This API is used to block the active Card. Required details include: cardHashId, cardArrayHashId, which can be found in Card Details API.

Headers Parameter	Type	Data Type	Description	Requisite
username	String	Alphanumeric	Unique Username of the Member	Mandatory
cardActionFlag	String	Alphanumeric	"close_card" is the flag/message used to unblock the card	Mandatory
cardArrayHashId	String	Alphanumeric	The cardArrayHashId is unique id obtained from card details	Mandatory
cardHashId	String	Alphanumeric	Unique cardHashId of the card which is obtained from card details	Mandatory

Response Body Parameters:

Headers Parameter	Type	Description
status	String	Success Failed
code	String	200: success 400: Bad Request 401: Unauthorized Error
message	String	Success message

Unlock Card (Temporary)

URL - /api/v1/lockUnlockCard
Method Type – HTTP POST

Description – This API is used for unblocking a previously blocked card. Required details include: cardHashId, cardArrayHashId which we can be retrieved from Card Details API.

Headers Parameter	Data Type	Description	Requisite
username	Alphanumeric	Unique Username of the member in the ViaCarte system	Mandatory
cardActionFlag	Alphanumeric	"activate_card" is the flag/message used to unblock the card	Mandatory
cardArrayHashId	Alphanumeric	The Card Array HashId is unique id obtained from card details	Mandatory
cardHashId	Alphanumeric	Unique HashId of the card which is obtained from card details	Mandatory

Response Body Parameters:

Headers Parameter	Type	Description
status	String	Success Failed
code	String	200: success 400: Bad Request 401: Unauthorized Error
message	String	Success message

Get Card Number, CVV and Expiry Date

URL - /api/v1/cardDetails
 Method Type – HTTP POST

Description –This API is used for getting the card number, CVV and expiry date. Required details include: username, cardHashId

Headers Parameter	Type	Data Type	Description	Requisite
username	String	Alphanumeric	Unique Username of the member in the ViaCarte system	Mandatory
cardHashId	String	Alphanumeric	Unique HashId of the card which is obtained from card details	Mandatory

Response Body Parameters:

Headers Parameter	Type	Description
status	String	Success Failed
code	String	200: success 400: Bad Request 401: Unauthorized Error
message	String	Success message

Instant Cards

Fetch List of Kit Number to be assigned

URL - /api/v1/fetchUnassignedKitNumber
Method Type – HTTP POST

Description –This API is used for fetching all the kit Numbers available in the batch of Instant Cards which will be used for assigning a card to the member user. Once we fetch all kit numbers, one of them is picked and used in later API to assign with a specific member. Required details include: Clients's Username, card Name and batchId .

Headers Parameter	Type	Data Type	Description	Requisite
clientUsername	String	Alphanumeric	Unique username of the member (client).	Mandatory
cardName	String	Alphanumeric	The name of the card	Mandatory
batchId	String	Alphanumeric	The id of the batch to which these kit numbers belongs	Mandatory

Response Body Parameters:

Headers Parameter	Type	Description
status	String	Success Failed
code	String	200: success 400: Bad Request 401: Unauthorized Error
message	String	Success
map	Object	This object contains field information of kit Numbers

Assign Instant Cards to member

URL - /api/v1/assignInstantCards
Method Type – HTTP POST

Description –This API is used for assigning card to a member with the available kit number. Required details include: Clients's Username , username of the member to whom the card is to be assigned, card name and kit number fetched from previous API .



Headers Parameter	Type	Data Type	Description	Requisite
clientUsername	String	Alphanumeric	Unique username of the member (client).	Mandatory
cardName	String	Alphanumeric	The name of the card	Mandatory
username	String	Alphanumeric	Unique username of the member to whom the card is to be assigned.	Mandatory
kitNumber	String	Alphanumeric	The kit number of the card which is available for assigning	Mandatory

Response Body Parameters:

Headers Parameter	Type	Description
status	String	Success Failed
code	String	200: success 400: Bad Request 401: Unauthorized Error
message	String	Success

Fetch Batch List

URL - /api/v1/fetchListOfInstantBatch
Method Type - HTTP POST

Description -This API is used for fetching all the batch list having instant card details information available for a client. Required details include: Clients's Username .

Headers Parameter	Type	Data Type	Description	Requisite
clientUsername	String	Alphanumeric	Unique username of the member (client).	Mandatory



Response Body Parameters:

Headers Parameter	Type	Description
status	String	Success Failed
code	String	200: success 400: Bad Request 401: Unauthorized Error
message	String	Success
details	Object	This object contains field information of batch list

Set Pin For the Card

URL - /api/v1/setPin

Method Type – HTTP POST

Description – This API is used for setting the pin of a card for the first time or updating the pin of a card later. Required details include: username of the member to whom the card is assigned, cardHashId which can be retrieved from card details, pin number and an action flag stating Pin_Change for indication to the system.

Note: This Method is not under UAT SCOPE, only available in Production.

Headers Parameter	Type	Data Type	Description	Requisite
username	String	Alphanumeric	Unique username of the member.	Mandatory
cardHashId	String	Alphanumeric	The unique Id of the card	Mandatory
pin	String	Alphanumeric	The pin number which will be used for card transactions.	Mandatory
confirmPin	String	Alphanumeric	The confirmation pin number	Mandatory
cardActionFlag	String	Alphanumeric	A statement having the value 'Pin_Change' as an indication	Mandatory



Response Body Parameters:

Headers Parameter	Type	Description
status	String	Success Failed
code	String	200: success 400: Bad Request 401: Unauthorized Error
message	String	Success

Get Card Number based on Username

URL - /api/v1/getCardNumber

Method Type – HTTP POST

Description – This API is used for getting the primary card number based on the username of the member. Required details include: username of the member to whom the card is assigned.

Headers Parameter	Type	Data Type	Description	Requisite
username	String	Alphanumeric	Unique username of the member.	Mandatory

Response Body Parameters:

Headers Parameter	Type	Description
status	String	Success Failed
code	String	200: success 400: Bad Request 401: Unauthorized Error
message	String	Success
cardNumber	String	cardNumber of the user

Get Username By Kit Number

URL - /api/v1/getUserByCardNumber
 Method Type - HTTP POST

Description - This API is used for getting the username based on the kitnumber of the member.
 Required details include: kitnumber of the member to whom the card is assigned.

Headers

Headers Parameter	Type	Data Type	Description	Requisite
kitNumber	String	Alphanumeric	Unique kitnumber of the member printed in the backside of the card.	Mandatory

Response Body Parameters:

Headers Parameter	Type	Description
status	String	Success Failed
code	String	200: success 400: Bad Request 401: Unauthorized Error
message	String	Success
username	String	username of the user



Wallet Functions

Wallet Array Details

URL - /api/v1/login

Method Type – HTTP POST

Description – This API is used to get the wallet array details for the member by providing it's userName.

Headers Parameter	Type	Data Type	Description	Requisite
username	String	Alphanumeric	This field is the unique username of the member	Mandatory

Response Body Parameters:

Headers Parameter	Type	Description
status	String	-Success -Failed
code	String	-200: success - 400: Bad Request - 401: Unauthorized Error
message	String	wallet creation response message
details	Object	It contains a field (WalletArray) of type array of Object which holds the information of walletArrayHashId, walletName, status

Apply For Wallet

URL - /api/v1/applyForWallet

Method Type – HTTP POST

Description – This API is used to create a new wallet for the member. To create new wallet user-HashId, userName for whom wallet needs to be created, it's programHashId and walletArray-HashId needs to be provided.

Headers Parameter	Type	Data Type	Description
userHashId	String	Alphanumeric	This field is the unique hash Id of the meber.
walletArrayHashId	String	Alphanumeric	This field uniquely represents wallet array
programHashId	String	Alphanumeric	This field uniquely represents the program of the meber's client
username	String	Alphanumeric	This field unique userName of the member

Response Body Parameters:

Headers Parameter	Type	Description
status	String	-Success -Failed
code	String	-200: success - 400: Bad Request - 401: Unauthorized Error
message	String	wallet creation response message
details	Object	walletHashId, walletArrayName

Wallet Details

URL - /api/v1/walletDetails

Method Type – HTTP POST

Description – This API is used to get the wallet details for the member by providing it's userName .

Headers Parameter	Type	Data Type	Description	Requisite
username	String	Alphanumeric	This field is the unique username of the member.	Mandatory

Response Body Parameters:

Headers Parameter	Type	Description
status	String	-Success -Failed
code	String	-200: success - 400: Bad Request - 401: Unauthorized Error
message	String	wallet creation response message
map	Object	provides details of the wallet with fields walletBalance, walletArrayHashId, walletHashId, walletName, walletStatus, currency

Wallet balance

URL - /api/v1/walletBalance

Method Type – HTTP POST

Description – This API is used to get wallet balance of the member's wallet along with it's status. To fetch wallet balance correct walletHashId which uniquely identifies the wallet and associated userName needs to be provided.

Headers Parameter	Type	Description
walletHashId	String	This field is the unique wallet hash Id .
username	String	This field is the unique username of the member

Response Body Parameters:

Headers Parameter	Type	Description
status	String	-Success -Failed
code	String	-200: success - 400: Bad Request - 401: Unauthorized Error
message	String	card details message
walletBalance	Object	It has two fields, balance and status of the wallet

Load Funds(Cards)

Load Funds To Card

URL - /api/loadCard
 Method Type – HTTP POST

Description – This API is used to load an amount to a Member Card. Valid CardHashId is required along with amount, userName, and cardArrayHashId. There must be a sufficient amount available in the Client Pre-funding account to load the Member Card.

Headers Parameter	Type	Data Type	Description	Requisite
clientUsername	String	Alphanumeric	This field is the unique Username of the Client.	Mandatory
userName	String	Alphanumeric	This field is the unique Username of the Member.	Mandatory
cardHashId	String	Alphanumeric	cardHashId of the member's card which uniquely identifies specific card to be loaded.	Mandatory
cardArrayHashId	String	Alphanumeric	cardArrayHashId of the cardArray to which card belongs.	Mandatory
amount	String	Alphanumeric	Amount to be loaded in the card.	Mandatory

Response Body Parameters:

Headers Parameter	Type	Description
status	String	Success Failed
code	String	200: Success 400: Bad Request 401: Unauthorized Error
message	String	Load response message
details	Object	This object contains field information such as ViaCarte transaction reference number and remaining Client Balance.

Get Card Balance

URL - /api/getCardBalanceDetail
 Method Type – HTTP POST

Description – This API is used to find the balance of an active Card.

Headers Parameter	Type	Data Type	Description	Requisite
username	String	Alphanumeric	Unique Username of the Member	Mandatory
cardHashId	String	Alphanumeric	Unique cardHashid of the Card	Mandatory

Response Body Parameters:

Headers Parameter	Type	Description
status	String	Success Failed
code	String	200: success 400: Bad Request 401: Unauthorized Error
message	JsonObject	Response Body

GetAvailable Prefunding Balance

URL - /api/getPrefundBalance
 Method Type – HTTP POST

Description – This API is used to get the available prefunding balance of the Client.

Headers Parameter	Type	Data Type	Description	Requisite
clientName	String	Alphanumeric	Unique Username of the Client	Mandatory

Response Body Parameters:



Headers Parameter	Type	Description
status	String	Success Failed
code	String	200: success 400: Bad Request 401: Unauthorized Error
message	JsonObject	Response Body

Load Funds (Wallet)

Load Funds To Wallet

URL - /api/loadCard
Method Type - HTTP POST

Description - This API is used to load funds to a Member Wallet. Valid walletHashId is required along with amount, Username, and walletArrayHashId. There must be a sufficient amount available in the Client Pre-funding account to load the Member Wallet.

Headers Parameter	Type	Data Type	Description	Requisite
userName	String	Alphanumeric	This field is the unique Username of the Member.	Mandatory
walletHashId	String	Alphanumeric	cardHashId of the member's card which uniquely identifies specific card to be loaded.	Mandatory
walletArrayHashId	String	Alphanumeric	cardArrayHashId of the cardArray to which card belongs.	Mandatory
amount	String	Alphanumeric	Amount to be loaded in the card.	Mandatory

Response Body Parameters:

Headers Parameter	Type	Description
status	String	Success Failed
code	String	200: success 400: Bad Request 401: Unauthorized Error



message	String	Load response message.
details	Object	This object contains field information such as ViaCarte transaction reference number and remaining Client Prefund balance.

Transactions Details

Card Transaction Details

URL - /api/v1/cardTransactionDetail
Method Type - HTTP POST

Description - This API is used to get card transaction details for recent transaction cycle. Requires Username and cardHashId for requested transaction details, along with start date and end date.

Headers Parameter	Type	Data Type	Description	Requisite
startDate	String	Alphanumeric	This field is the start date for filtering transactions data. Format: DD-MM-YYYY.	Mandatory
endDate	String	Alphanumeric	This field is the end date for filtering transactions data. Format: DD-MM-YYYY.	Mandatory
username	String	Alphanumeric	This field is the unique Username of the Member.	Mandatory
cardHashId	String	Alphanumeric	Unique cardHashId of the Member's Card.	Mandatory

Response Body Parameters:

Headers Parameter	Type	Description
status	String	Success Failed
code	String	200: Success 400: Bad Request 401: Unauthorized Error
message	String	Transaction response message.
details	Object	Transaction details object. Details of transaction object fields provided in the success response example.



Wallet Transaction Details

URL - /api/v1/walletTransactionDetail

Method Type - HTTP POST

Description - This API is used to get Wallet transaction for particular date range. Requires Username and walletHashId for requested transaction details, along with start date and end date.

Headers Parameter	Type	Data Type	Description	Requisite
startDate	String	Alphanumeric	This field is the start date for filtering transactions data. Format: DD-MM-YYYY.	Mandatory
endDate	String	Alphanumeric	This field is the end date for filtering transactions data. Format: DD-MM-YYYY.	Mandatory
username	String	Alphanumeric	This field is the unique Username of the Member.	Mandatory
walletHashId	String	Alphanumeric	Unique wallet HashId of the Wallet.	Mandatory

Response Body Parameters:

Headers Parameter	Type	Description
status	String	-Success -Failed
code	String	-200: success - 400: Bad Request - 401: Unauthorized Error
message	String	Transaction response message
details	Object	It contains array (TransactionByWallet) of transaction details object. Details of transaction object fields provided in the success response example.

Specific Month wise transaction

URL - /api/v1/cardMonthWiseTransactionDetail
Method Type - HTTP POST

Description - This API is used to get card transaction details for specific month. Requires Username and cardHashId for requested transaction details, along with month and year.

Headers Parameter	Type	Data Type	Description	Requisite
month	String	Alphanumeric	This field is to fill the month data for getting the transactions (in numerical format).	Mandatory
year	String	Alphanumeric	This field is for entering the year (in numerical format).	Mandatory
username	String	Alphanumeric	This field is the unique Username of the Member.	Mandatory
cardHashId	String	Alphanumeric	Unique cardHashId of the Member's Card.	Mandatory

Response Body Parameters:

Headers Parameter	Type	Description
status	String	Success Failed
code	String	200: Success 400: Bad Request 401: Unauthorized Error
message	String	Transaction response message.
details	Object	Transaction details object. Details of transaction object fields provided in the success response example.



Member To Member Transfer

Add Beneficiary

URL - /api/v1/addBeneficiary
Method Type – HTTP POST

Description – This API is used to add the beneficiary details to whom you want to transfer funds to.

Headers Parameter	Type	Data Type	Description	Requisite
firstName	String	Alphanumeric	This field is the first name of the beneficiary member.	Mandatory
contactNo	String	Alphanumeric	This field is the contact no of the beneficiary member .	Mandatory
email	String	Alphanumeric	This field is the email of the beneficiary member	Mandatory
callingCode	String	Alphanumeric	This field is the calling country code of the beneficiary member.	Mandatory
username	String	Alphanumeric	This field is the username of the member	Mandatory

Response Body Parameters:

Headers Parameter	Type	Description
status	String	Success Failed
code	String	200: success 400: Bad Request 401: Unauthorized Error
message	String	Success

Card To Card Transfer

URL - /api/v1/loadWalletToOtherAccount
Method Type – HTTP POST

Description – This API is used to send money from one Card to other Card between two Members. If receiver has more than one Card, funds from Sender's Card will be transferred to the Default Card of the Receiver.

Note: In UAT enviroment amount wont be debited.



Headers Parameter	Type	Data Type	Description	Requisite
recieverUserName	String	Alphanumeric	Unique userHashId of the reciever.	Mandatory
amount	String	Alphanumeric	Amount to be transferred.	Mandatory
walletHashId	String	Alphanumeric	Unique cardHashId .	Mandatory
username	String	Alphanumeric	Username of the Member.	Mandatory

Response Body Parameters:

Headers Parameter	Type	Description
status	String	Success Failed
code	String	200: Success 400: Bad Request 401: Unauthorized Error
message	String	Send money status response message.
map	Object	This object contains field information such as ViaCarte transactionId and remaining card balance of the Sender.

Wallet to Wallet Transfer

URL - /api/v1/loadWalletToOtherAccount
Method Type - HTTP POST

Description - TThis API is used to send money from one wallet to other wallet between two Mem-
bers. Beneficiary should have same wallet type available as that of sender wallet, if Client has
multiple Wallet types.

Headers Parameter	Type	Data Type	Description	Requisite
recieverUserName	String	Alphanumeric	Unique userHashId of the reciever.	Mandatory
amount	String	Alphanumeric	Amount to be transferred.	Mandatory



walletHashId	String	Alphanumeric	Unique walletHashId.	Mandatory
username	String	Alphanumeric	Username of the Member.	Mandatory

Response Body Parameters:

Headers Parameter	Type	Description
status	String	Success Failed
code	String	200: Success 400: Bad Request 401: Unauthorized Error
message	String	Send money status response message.
map	Object	This object contains field information such as ViaCarte transaction reference number and remaining wallet Balance.

Transfer Funds Self Account

Card To Card Transfer(Self)

URL - /api/v1/cardToCardSelfAccount
Method Type - HTTP POST

Description - This API is used to transfer funds from one active card to other active card of the same Member. Required details include: Member's Username, Sender CardHashId and Receiver CardHashId.

Headers Parameter	Type	Data Type	Description	Requisite
username	String	Alphanumeric	Unique username of the member.	Mandatory
fromCardHashId	String	Alphanumeric	Unique cardHashId from which the amount needs to be sent.	Mandatory
amount	String	Alphanumeric	Amount to be loaded.	Mandatory
toCardHashId	String	Alphanumeric	Unique cardHashId of the card for receiving fund.	Mandatory



Response Body Parameters:

Headers Parameter	Type	Description
status	String	Success Failed
code	String	200: success 400: Bad Request 401: Unauthorized Error
message	String	Transfer money response message

Wallet To Card Transfer (Self)

URL - /api/v1/loadSelfAccountWallet
Method Type - HTTP POST

Description - This API is used to transfer funds from Wallet to Card of the same Member. Required details include: Member's Username, walletHashId and cardHashId.

Headers Parameter	Type	Data Type	Description	Requisite
username	String	Alphanumeric	Unique username of the member.	Mandatory
cardHashId	String	Alphanumeric	Unique cardHashId.	Mandatory
amount	String	Alphanumeric	Amount to be loaded.	Mandatory
walletHashId	String	Alphanumeric	Unique walletHashId.	Mandatory

Response Body Parameters:

Headers Parameter	Type	Description
status	String	Success Failed
code	String	200: success 400: Bad Request 401: Unauthorized Error
message	String	Transfer money response message
map	Object	This object contains field information such as ViaCarte transactionId and remaining card balance of the sender



Wallet To Wallet Transfer (Self)

URL - /api/v1/loadSelfAccountWallet

Method Type - HTTP POST

Description - This API is used to transfer funds from one Wallet to other Wallet of the same Member account. Required details include: Member's Username, walletHashId, cardHashId. Both walletHashIds must be mapped to same Username.

Headers Parameter	Type	Data Type	Description	Requisite
username	String	Alphanumeric	Unique Username of the Member.	Mandatory
cardHashId	String	Alphanumeric	Unique cardHashId.	Mandatory
amount	String	Alphanumeric	Amount to be loaded.	Mandatory
walletHashId	String	Alphanumeric	Unique walletHashId.	Mandatory

Response Body Parameters:

Headers Parameter	Type	Description
status	String	Success Failed
code	String	200: Success 400: Bad Request 401: Unauthorized Error
message	String	Transfer money response message
map	Object	This object contains field information such as ViaCarte transactionId and remaining card balance of the sender



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Thank You!

Wallet and Card API
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