HomeTeam API System Integration Document

HomeTeamNS CRM Backend API

Version 2.6

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Document Control

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1.0	24th May 2021	Steve	Initial the SRS document and create API specs for Authorization, Authentication, Forgot Password, and Get Membership Detail.
1.1	13th Jul 2021	Leo, Yc	Adding in more API specs
1.2	30th Jul 2021	Leo, Yc	Adding in more API specs
1.3	4th Aug 2021	Steve	Remove the duplicated API
1.4	13th Aug 2021	Leo	Adding in more API specs
1.5	20th Aug 2021	Leo	Adding in more API specs
1.6	6th Sep 2021	Leo	Modify API specs
1.7	10th Sep 2021	Leo	Modify API Specs
1.8	24 Sep 2021	Leo	Modify API Specs
1.9	11 Oct 2021	Leo	Modify API Specs for 24, 41,42,43,44

2.0	18 Oct 2021	Leo	Add API Specs for 45,46 and Event 11
2.1	22 Oct 2021	Leo	Add API 47 and modify api 33
2.2	1 Nov 2021	Leo	Add API 48 and modify api get membership detail (4)
2.3	2 Nox 2021	Leo	Modify api 29.
2.4	9 Nov 2021	Leo	Add api 49,50
2.5	12 Nov 2021	Leo	Add api 51, modify addmember, signup member to input username, modify getmemberdetail to get username, Put error message to all return
2.6	15 Nov 2021	Leo	Add api 52, Modify api 14 and api 23

Table of Contents

Introduction

Document Purpose

This documentation is a developer guide to integrate with HomeTeamNS API System.

Getting started

1. You need to contact HomeTeamNS IT Team to approve your account creation request.
2. You need to inform the HomeTeamNS IT Team about which APIs that your application wants to access.
3. Upon request approval, you will receive the client key and secret.
4. Refer to the API reference and start to use the APIs.

API Reference

1. Authorization API

1.1 Overview

This API is the Authorization API, and is necessary to access any of the HomeTeamNS APIs. This API will provide an authorised user an access token which can be used to access the other secured APIs.

1.2 Specification

HTTP Request	https://{domain_name}/oauth2/access_token	
Header Parameters	**Key**	**Value**
	Authorization	Basic base64_encode({client_key}:{client_secret}) Notes: * Developer is to send a base64 encoded string of client_key and client secret joined by a colon.
	Content-Type	application/x-www-form-urlencoded Notes: * To specify the type of the body.
Request Body	grant_type	client_credentials Notes: *Value must be "client_credentials"
Response Type	**Status**	**Sample Response**

	200
	(Successful response)
		{
		   "expires_in":"300",
		   "issued_at":"15/01/2021T22:11:20+0800",
		   "access_token":"eyJhbGciO.iJIUzl1NiIsI.sad24nR5"
		}
		
		Notes:
		* The unit of expires_in is seconds
		* The format of issued_at is dd/MM/yyyy'T'HH:mm:ssZZZZ

	401
	(Unauthorized request)
		{
		   "error_code":"001",
		   "error":"Access Denied"
		}

2. Authentication API

2.1 Overview

This API is the Authentication API. It will validate whether an account's credentials exist and are valid in the CRM system.

2.2 Specification

HTTP Request	https://{domain_name}/v1/member_authentication		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**

	user_info	**username** (string) **password** (string)	`{`
			`  "user_info":{`
			`    "username":"12345678",`
			`    "password":"12345",`
			`    "mobile":""`
			`  }`
			`}`
			
			Notes:
			Username refer to username input from signup member
			
			Mobile refer to mobile input from signup member
			
			Mobile and username cannot put at the same time

Response Type	**Status**	**Sample Response**	

	200 (Successful response)	`{`
		`  "result":{`
		`    "member_id":"uks9a-ssd9d-a2scp"`
		`  }`
		`}`	

	200
	(server error)
		``
		{
		   "result_code" : "1003",
		   "msg" : "Server Error"
		}
		``

	200
	(server error)
		``
		{
		   "result": {
		      "msg": "wrong username/password"
		   },
		   "result_code": "0000"
		}
		``

	200
	(Database Error)
		``
		{
		   "result_code" : "1004",
		   "msg" : "Database Error"
		}
		``

	401
	(Unauthorized
	request)
		``
		{
		   "error_code":"000",
		   "msg":"Access Denied"
		}
		``

	400
	(Bad Request)
		``
		{
		   "error_code":"001",
		   "msg":"Access Denied"
		}
		``

	400 (Parameter
	type not match)
		``
		{
		   "error_code":"002",
		   "error":"Bad Request - Parameter type not match"
		}
		``

	400
	(Parameter missing)
		``
		{
		   "error_code" : "003",
		   "msg" : "Bad Request - Parameter Missing"
		}
		``

3. Forgot Password API

3.1 Overview

This API is the Forgot Password API. It will create a new password and send it to the user's email box.

3.2 Specification

HTTP Request	https://{domain_name}/v1/forgot_password		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**

	user_info	**NRIC** (string) **DOB** (string) **postal_code** (string)	{
			  "user_info":{
			    "NRIC":"123A",
			    "DOB":"15/05/1982",
			    "postal_code":"329979"
			  }
			}
			
			Notes:
			* NRIC is last 4 character of the full NRIC
			* DOB format is dd/MM/yyyy

Response	**Status**	**Sample Response**	

	200 (Successful response)	{
		  "result":{
		    "status":"success",
		    "email":"test@htns.com"
		  }
		}	

		Notes: * email will be the recipient's email address

	200
	(server error)
		{
		　"result_code" : "1003",
		　"msg" : "Server Error"
		}

	200
	(Database Error)
		{
		　"result_code" : "1004",
		　"msg" : "Database Error"
		}

	401
	(Unauthorized request)
		{
		　"error_code":"000",
		　"msg":"Access Denied"
		}

	400
	(Bad Request)
		{
		　"error_code":"001",
		　"msg":"Access Denied"
		}

	400 (Parameter type not match)	{
		　"error_code":"002",
		　"error":"Bad Request - Parameter type not match"
		}

	400
	(Parameter missing)
		{
		　"error_code" : "003",
		　"msg" : "Baf Request - Parameter Missing"
		}

4. Get Membership Details API

4.1 Overview

This API is the Get Membership Details API. It will return all the detailed information about this member which includes family/social member details under this member.

4.2 Specification

<table>
<tr>
<td>HTTP Request</td>
<td colspan="3">https://{domain_name}/v1/get_member_detail</td>
</tr>
<tr>
<td rowspan="3">Header Parameters</td>
<td>Key</td>
<td colspan="2">Value</td>
</tr>
<tr>
<td>Authorization</td>
<td colspan="2">string (Bearer {access_token})</td>
</tr>
<tr>
<td>Content-Type</td>
<td colspan="2">string (application/json)</td>
</tr>
<tr>
<td rowspan="2">Request Body</td>
<td>Key</td>
<td>Value</td>
<td>Example</td>
</tr>
<tr>
<td>user_info</td>
<td>member_id (string)</td>
<td>{
  "user_info":{

"member_id":"59482358-0EFD-46C0-A0F0-F229C36F4B66"
   }
}</td>
</tr>
<tr>
<td rowspan="2">Response</td>
<td>Status</td>
<td colspan="2">Sample Response</td>
</tr>
<tr>
<td>200
(Successful response)</td>
<td colspan="2">{
  "result": {
    "personal_details": {
     "member_id":
"59482358-0EFD-46C0-A0F0-F229C36F4B66",
      "status": "Active",
      "approvalStatus": "Approved",
      "nric": "G3825469W",
      "maritial_status": "Others",
      "salutation": "Dr",
      "email": "leo.nam@techstudio.com.sg",
      "office_phone": "",
      "full_name": "LEO",
      "hand_phone": "86840926",
      "PA_CAN_Number": "",
      "dob": "",
      "nationality": "Singapore PR",
      "golf_handicap": "",</td>
</tr>
</table>

```json
            "gender": "male",
            "race": "Chinese",
            "residential_address": {
                "blk": "",
                "street": "JURONG EAST STREET 32",
                "unit": "02-241",
                "postal_code": "600315"
            },
            "economic_status": "",
            "highest_education": "",
            "car_plate": "",
            "car_IU": "",
            "occupation": "",
            "annual_income": "",
            "emergency_contact": {
                "name": "ASD",
                "relationship": "Spouse",
                "contact_no": "86840926"
            },
            "communication_preference": {
                "handphone": "TRUE",
                "postal_mail": "TRUE",
                "comm_email": "TRUE",
                "frontline_magazine": "TRUE"
            },
            "membershipInfo": {
                "type": "Associate Membership",
                "expired_date": "29-02-2024 ",
                "registration_type": "",
                "card_type": "",
                "membership_group": ""
            }
        },
        "family_members": [],
        "social_members": [],
        "event": [
            {
                "eventName": "Go Green Part 2",
                "eventStartDate": "Oct 1, 2021 12:00:00 AM",
                "eventEndDate": "Oct 6, 2021 12:00:00 AM",
                "registrationStartDate": "Sep 24, 2021 12:00:00
AM",
                "registrationEndDate": "Sep 30, 2021 12:00:00
AM",
                "registrationDate": "Sep 24, 2021 11:46:24 AM",
                "name": "JANICE",
                "membershipTypeName": "Non-Member",
                "category": "-",
                "dob": "Mar 30, 1990 12:00:00 AM",
                "email": "janice.yeo@techstudio.com.sg",
```

		"mobile": "93837131",
		"totalPax": 1,
		"totalSession": 0
		},
		{
		"eventName": "Furniture Event",
		"eventStartDate": "Oct 1, 2021 12:00:00 AM",
		"eventEndDate": "Oct 9, 2021 12:00:00 AM",
		"registrationStartDate": "Sep 24, 2021 12:00:00 AM",
		"registrationEndDate": "Sep 30, 2021 12:00:00 AM",
		"registrationDate": "Sep 24, 2021 3:50:55 PM",
		"name": "QWE",
		"membershipTypeName": "SAFRA Membership",
		"category": "Adult Category",
		"dob": "Nov 12, 1991 12:00:00 AM",
		"email": "leo.nam@techstudio.com.sg",
		"mobile": "93214654",
		"totalPax": 1,
		"totalSession": 0
		}
		]
		},
		"result_code": "0000"
		}

	200
	(server error)
		{
		"result_code" : "1003",
		"msg" : "Server Error"
		}

	200
	(Database Error)
		{
		"result_code" : "1004",
		"msg" : "Database Error"
		}

	200
	(Parameter empty)
		{
		"result_code": "1005",
		"msg": "Missing required parameter data"
		}

	200
	(wrong Member ID)
		{
		"result_code": "1007",
		"msg": "invalid member ID"
		}

	401	{

	(Unauthorized request)	"error_code":"000", "msg":"Access Denied" }

	400
	(Bad Request)
		{
		  "error_code":"001",
		  "msg":"Access Denied"
		}

5. Get Membership Card Details API

5.1 Overview

This API is the Get Membership Card Details API. It will return all the detailed information about the membership cards of this member.

5.2 Specification

HTTP Request	https://{domain_name}/v1/get_membership_card_detail		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**

	user_info	**member_id** (string)	{
			  "user_info":{
			  "member_id":"59482358-0EFD-46C0-A0F0-F229C36F4B66"
			    }
			}

Response	**Status**	**Sample Response**	

	200
	(Successful response)
		{
		 "result": {
		 "personal_details":{
		
		"type":"HomeTeamNS-PAssion-POSB/HomeTeamNS-PAssion/HomeTeamNS",
		    "NRIC":"S1234567A",
		    "full_name":"Mike Tan",
		    "mobile":"81238123",
		    "email":"test@htns.com",
		    "residential_address":{
		    "blk":"31",
		    "street":"Ah Hood Rd",
		    "unit":"01-21",
		    "postal_code":"329979"
		    },
		    "can_number":"1009710029638742",
		    "estimated_value":"10.0000",	

		`"recovery_option":"none/bank account/ez-link card",`
		`"bank_account":{`
		`"account_name":"Mike Tan",`
		`"bank":"POSB/DBS",`
		`"account_number":"205203622"`
		`},`
		`"ezlink_number":"1000199002104111",`
		`"invoice_number":"HTNS00012345",`
		`"co_brand_card_printed":"TRUE/FALSE",`
		`"pa_email_sent":"TRUE/FALSE",`
		`"status":"Draft/Pending Processing/Faulty Card Received/Completed/Rejected/Failed",`
		`"membership_expiry_date":"2023-11-30 23:59:59.000"`
		`}`
		`},`
		`"result_code": "0000"`
		`}`

	200
	(server error)
		`{`
		`  "result_code" : "1003",`
		`  "msg" : "Server Error"`
		`}`

	200
	(Database Error)
		`{`
		`  "result_code" : "1004",`
		`  "msg" : "Database Error"`
		`}`

	200
	(Parameter empty)
		`{`
		`  "result_code": "1005",`
		`  "msg": "Missing required parameter data"`
		`}`

	200
	(wrong Member ID)
		`{`
		`  "result_code": "1007",`
		`  "msg": "invalid member ID"`
		`}`

	401
	(Unauthorized request)
		`{`
		`  "error_code":"000",`
		`  "msg":"Access Denied"`
		`}`

	400
	(Bad Request)
		`{`
		`  "error_code":"001",`
		`  "msg":"Access Denied"`
		`}`

6. Sign Up API

Refer - 32. Sign Up Member API

7. Send OTP API

7.1 Overview

This API is the Send OTP API. It will send an OTP to the user's mobile number when it is called.

7.2 Specification

HTTP Request	https://{domain_name}/v1/send_otp		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (text/plain)	
Request Body	**Key**	**Value**	**Example**
	mobile	(string)	mobile = "91113333"
Response	**Status**	**Sample Response**	

	200 (Successful response)	{
		　"result":{
		　　"status":"success"
		　}
		}	

	200 (server error)	{
		　"result_code" : "1003",
		　"msg" : "Server Error"
		}	

	200 (Database Error)	{
		　"result_code" : "1004",
		　"msg" : "Database Error"
		}	

	401	{	

	(Unauthorized request)	"error_code":"000", "msg":"Access Denied" }

	400
	(Bad Request)
		{
		  "error_code":"001",
		  "msg":"Access Denied"
		}

	400 (Parameter type not match)	{
		  "error_code":"002",
		  "error":"Bad Request - Parameter type not match"
		}

	400
	(Parameter missing)
		{
		  "error_code" : "003",
		  "msg" : "Bad Request - Parameter Missing"
		}

8. Verify OTP API

8.1 Overview

This API is the Verify OTP API. It will verify whether the OTP submitted by the user is valid.

8.2 Specification

HTTP Request	https://{domain_name}/v1/verify_otp		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (text/plain)	
Request Body	**Key**	**Value**	**Example**
	mobile	(string)	mobile = "91113333"
	otp	(string)	otp = "039678"
Response	**Status**	**Sample Response**	

	200 (Successful response)	`{`
		`  "result":{`
		`    "verification":"verified/invalid/expired"`
		`    "status":"success"`
		`  }`
		`}`	

	200 (server error)	`{`
		`  "result_code" : "1003",`
		`  "msg" : "Server Error"`
		`}`	

	200 (Database Error)	`{`
		`  "result_code" : "1004",`
		`  "msg" : "Database Error"`
		`}`	

	401 (Unauthorized request)	`{`
		`  "error_code":"000",`
		`  "msg":"Access Denied"`
		`}`	

	400
	(Bad Request)
		{
		  "error_code":"001",
		  "msg":"Access Denied"
		}

	400 (Parameter
	type not match)
		{
		  "error_code":"002",
		  "error":"Bad Request - Parameter type not match"
		}

	400
	(Parameter missing)
		{
		  "error_code" : "003",
		  "msg" : "Bad Request - Parameter Missing"
		}

9. Get Pricing Information API

9.1 Overview

This API is to Gets pricing information about different registration types and duration

9.2 Specification

<table>
<tr>
<td>HTTP Request</td>
<td colspan="3">https://{domain_name}/v1/registrationtype</td>
</tr>
<tr>
<td rowspan="3">Header Parameters</td>
<td>Key</td>
<td colspan="2">Value</td>
</tr>
<tr>
<td>Authorization</td>
<td colspan="2">string (Bearer {access_token})</td>
</tr>
<tr>
<td>Content-Type</td>
<td colspan="2">string (application/json)</td>
</tr>
<tr>
<td rowspan="2">Request Body</td>
<td>Key</td>
<td>Value</td>
<td>Example</td>
</tr>
<tr>
<td>type</td>
<td>(String)</td>
<td>type="s"

Notes:
Expected value
"s"-newsignup
"r"-renewal
"u" - upgrade

All are small caps</td>
</tr>
<tr>
<td rowspan="2">Response</td>
<td>Status</td>
<td colspan="2">Sample Response</td>
</tr>
<tr>
<td>200
(Successful response)</td>
<td colspan="2">

```
{
  "result": [
    {
      "RegistrationTypeName": "Associate Membership - 10 Year Renewal",
      "Price": 150,
      "productNumber": "HTMRT000006"
    },
    {
      "RegistrationTypeName": "Associate Membership - 2 Year Renewal",
      "Price": 50,
      "productNumber": "HTMRT000008"
    },
    {
      "RegistrationTypeName": "Associate Membership - 5 Year Renewal",
      "Price": 100,
      "productNumber": "HTMRT000010"
    },
    {
      "RegistrationTypeName": "Ordinary Membership - 10 Year Renewal",
      "Price": 150,
      "productNumber": "HTMRT000033"
    },
    {
```
</td>
</tr>
</table>

| | | ```json
"RegistrationTypeName": "Ordinary Membership - 2 Year Renewal",
"Price": 50,
"productNumber": "HTMRT000035"
},
{
"RegistrationTypeName": "Ordinary Membership - 5 Year Renewal",
"Price": 100,
"productNumber": "HTMRT000037"
},
{
"RegistrationTypeName": "Family Membership - 2 Year Renewal",
"Price": 20,
"productNumber": "HTMRT000025"
},
{
"RegistrationTypeName": "Family Membership - 5 Year Renewal",
"Price": 35,
"productNumber": "HTMRT000027"
},
{
"RegistrationTypeName": "Family Membership - 10 Year Renewal",
"Price": 50,
"productNumber": "HTMRT000023"
}
],
"result_code": "0000"
}
``` |
| | 200<br>(server error) | ```json
{
"result_code" : "1003",
"msg" : "Server Error"
}
``` |
| | 200<br>(Database Error) | ```json
{
"result_code" : "1004",
"msg" : "Database Error"
}
``` |
| | 200<br>(Parameter empty) | ```json
{
"result_code": "1005",
"msg": "Missing required parameter data"
}
``` |
| | 200<br>(wrong Parameter value) | ```json
{
"result_code": "1006",
"msg": "Enter only s, r, u is allow"
}
``` |
| | 401<br>(Unauthorized request) | ```json
{
"error_code":"000",
"msg":"Access Denied"
}
``` |
| | 400<br>(Bad Request) | ```json
{
"error_code":"001",
``` |

		"msg":"Access Denied" }

	400 (Parameter type not match)	{
		  "error_code":"002",
		  "error":"Bad Request - Parameter type not match"
		}

10. Activate Email API

10.1 Overview

This API is to check if the email is activated

10.2 Specification

HTTP Request	https://{domain_name}/v1/activateEmail		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**
	id	(String)	id="xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx"
	email	(String)	email="xxxxxxxx@gmail.com"
Response	**Status**	**Sample Response**	

	200 (Successful response)	{
		  "result": [
		    {
		      "emailVerified": "Activaed"
		    }
		  ],
		  "result_code" : "0000",
		}
		
		Notes:
		   - If user email was not validate previously	

	200 (Successful response)	{
		  "result": [
		    {
		      "emailVerified": "Your email has already been Activated"
		    }
		  ],
		  "result_code": "0000"
		}
		
		Notes:
		   - If user email was already validated	

	200 (wrong member ID or email)	```{ "result": [{ "emailVerified": "Wrong Email / Member ID" }], "result_code": "0000"}```
	200 (server error)	```{ "result_code" : "1003", "msg" : "Server Error"}```
	200 (Database Error)	```{ "result_code" : "1004", "msg" : "Database Error"}```
	200 (Parameter empty)	```{ "result_code": "1005", "msg": "Missing required parameter data"}```
	200 (wrong Member ID)	```{ "result_code": "1007", "msg": "invalid member ID"}```
	200 (wrong Member ID or Email)	```{ "result_code": "1008", "msg": "Wrong Email / Member ID"}```
	401 (Unauthorized request)	```{ "error_code":"000", "msg":"Access Denied"}```
	400 (Bad Request)	```{ "error_code":"001", "msg":"Access Denied"}```

11. Set Password API

11.1 Overview

This API will overwrite the current member password

11.2 Specification

<table>
<tr>
<td>HTTP Request</td>
<td colspan="3">https://{domain_name}/v1/setpassword</td>
</tr>
<tr>
<td rowspan="3">Header Parameters</td>
<td>Key</td>
<td colspan="2">Value</td>
</tr>
<tr>
<td>Authorization</td>
<td colspan="2">string (Bearer {access_token})</td>
</tr>
<tr>
<td>Content-Type</td>
<td colspan="2">string (application/json)</td>
</tr>
<tr>
<td rowspan="2">Request Body</td>
<td>Key</td>
<td>Value</td>
<td>Example</td>
</tr>
<tr>
<td>Raw (application/json)</td>
<td>(string)</td>
<td>

```
{
  "id":"73908130-48B4-4F9C-92CE-51A73ACF47AA",
  "password":"abc",
}
```

Note:

Minimum password length is **6** and any <u>2 criteria</u> from below

1. Password length > 7
2. Password contains both lowercase and uppercase characters
3. Password contains number and character
4. Password has one special character
5. Password has two special characters
</td>
</tr>
<tr>
<td rowspan="2">Response</td>
<td>Status</td>
<td colspan="2">Sample Response</td>
</tr>
<tr>
<td>200 (Successful response)</td>
<td colspan="2">

```
{
  "result": [
    {
      "name": "TESTER ONE",
      "id": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx",
      "message": "Password is valid"
    }
  ],
  "result_code" : "0000",
}
```
</td>
</tr>
</table>

	200
	(server error)
		{
		  "result_code" : "1003",
		  "msg" : "Server Error"
		}

	200
	(Database Error)
		{
		  "result_code" : "1004",
		  "msg" : "Database Error"
		}

	200
	(Parameter empty)
		{
		  "result_code": "1005",
		  "msg": "Missing required parameter data"
		}

	200
	(wrong Member ID)
		{
		  "result_code": "1007",
		  "msg": "invalid member ID"
		}

	401
	(Unauthorized
	request)
		{
		  "error_code":"000",
		  "msg":"Access Denied"
		}

	400
	(Bad Request)
		{
		  "error_code":"001",
		  "msg":"Access Denied"
		}

12. Change Password API

12.1 Overview

This API is to change the member password

12.2 Specification

HTTP Request	https://{domain_name}/v1/changepassword		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**

	Raw (application/json)	(string)	{
			 "id":"73908130-48B4-4F9C-92CE-51A73ACF47AA",
			 "oldPassword":"abc",
			 "newPassword":"Password@1!"
			 }
			
			 Note:
			
			 Minimum password length is **6** and any <u>2 criteria</u> from below
			
			 6. Password length > 7
			 7. Password contains both lowercase and uppercase characters
			 8. Password contains number and character
			 9. Password has one special character
			 10. Password has two special characters

Response	**Status**	**Sample Response**	

	200 (Successful response)	{
		  "result": [
		    {
		      "id": "9A4089EB-3BC8-4EAD-9C4A-3620317D944C",
		      "message": "You have successfully changed your password."
		
		    }
		  ],
		  "result_code" : "0000",	

		`}` Notes: - If user enter the correct old password

	200
	(Successful response)
		`{`
		  `"result": [`
		    `{`
		      `"id": "9A4089EB-3BC8-4EAD-9C4A-3620317D944C",`
		      `"message": "Your old password is incorrect."`
		    `}`
		  `],`
		  `"result_code": "0000"`
		`}`
		
		Notes:
		    - If user enter wrong old password

	200
	(server error)
		`{`
		  `"result_code" : "1003",`
		  `"msg" : "Server Error"`
		`}`

	200
	(Database Error)
		`{`
		  `"result_code" : "1004",`
		  `"msg" : "Database Error"`
		`}`

	200
	(Parameter empty)
		`{`
		  `"result_code": "1005",`
		  `"msg": "Missing required parameter data"`
		`}`

	200
	(wrong Member ID)
		`{`
		  `"result_code": "1007",`
		  `"msg": "invalid member ID"`
		`}`

	401
	(Unauthorized request)
		`{`
		  `"error_code":"000",`
		  `"msg":"Access Denied"`
		`}`

	400
	(Bad Request)
		`{`
		  `"error_code":"001",`
		  `"msg":"Access Denied"`
		`}`

13. View Profile API

13.1 Overview

This API is to get the member profile

13.2 Specification

HTTP Request	https://{domain_name}/v1/getprofile		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**
	id	(String)	id="xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx"
Response	**Status**	**Sample Response**	

	200 (Successful response)	{
		  "result": [
		    {
		    "personal_details":{
		      "member_id":"uks9a-ssd9d-a2scp",
		      "status":"active/inactive",
		      "approval_status":"approved/pending approval/rejected",
		      "NRIC":"S1234567A",
		      "maritial_status":"single/married/others",
		      "home_phone":"",
		      "salutation":"Dr/Mdm/Mr/Mrs/Ms/Prof/Miss",
		      "email":"test@htns.com",
		      "office_phone":"",
		      "full_name":"Mike Tan",
		      "hand_phone":"81238123",
		      "PA_CAN_Number":"",
		      "dob":"15/05/1982",
		      "nationality":"Singapore Citizen/Singapore PR/Others",
		      "golf_handicap":"",
		      "gender":"male/female",
		      "race":"Chinese/Malay/Indian/Others",
		      "residential_address":{
		      "blk":"31",
		      "street":"Ah Hood Rd",
		      "unit":"01-21",		

		"postal_code":"329979"
		},
		"economic_status":"working/not working",
		"highest_education":"",
		"car_plate":"",
		"car_IU":"",
		"occupation":"",
		"annual_income":"",
		"emergency_contact":{
		"name":"Sara",
		
		"relationship":"spouse/parents/child/siblings/relatives/friends",
		"contact_no":"91111111"
		},
		"communication_preference":{
		"handphone":"false",
		"postal_mail":"true",
		"email":"true",
		"frontline_magazine":"true"
		},
		"membership_info":{
		"type":"ordinary/associate/corporate/social/honorary/family",
		"expired_date":"30/11/2023",
		"registration_type":"Ordinary Membership - 2 Year Renewal",
		
		"card_type":"HomeTeamNS-PAssion-POSB/HomeTeamNS-PAssion/HomeTeamNS",
		"membership_group":""
		}
		}
		}
		],
		"result_code" : "0000",
		}

	200
	(server error)
		{
		"result_code" : "1003",
		"msg" : "Server Error"
		}

	200
	(Database Error)
		{
		"result_code" : "1004",
		"msg" : "Database Error"
		}

	200 (Parameter empty)	{ "result_code": "1005",

		"msg": "Missing required parameter data" }

	200
	(wrong Member ID)
		{
		  "result_code": "1007",
		  "msg": "invalid member ID"
		}

	401
	(Unauthorized request)
		{
		  "error_code":"000",
		  "msg":"Access Denied"
		}

	400
	(Bad Request)
		{
		  "error_code":"001",
		  "msg":"Access Denied"
		}

14. Edit Profile API

14.1 Overview

This API is to edit main member profile

14.2 Specification

HTTP Request	https://{domain_name}/v1/editprofile		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**

	userDetails	member_id(string)
		status (string)
		approval_status(string)
		nric(string)
		maritial_status(string)
		home_phone(string)
		salutation(string)
		email(string)
		office_phone(string)
		full_name(string)
		hand_phone(string)
		
		PA_CAN_Number(string)
		dob(string)
		nationality(string)
		golf_handicap(string)
		gender(string)
		race(string)
		residential_address(Map<String,String>)
		blk(string)
		street(string)
		unit(string)
		postal_code(string)
		economic_status(string)
		highest_education(string)
		car_plate(string)
		car_IU(string)
		occupation(string)
		annual_income(string)
		
		emergency_contact(Map
			{
			  "userDetails":{
			
			"Member_id":"xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx",
			"partial_update": 0,
			    "status":"active/inactive",
			    "approval_status":"approved/pending approval/rejected",
			    "nric":"S1234567A",
			  "maritial_status":"single/married/others",
			    "home_phone":"",
			
			"salutation":"Dr/Mdm/Mr/Mrs/Ms/Prof/Miss",
			    "email":"test@htns.com",
			    "office_phone":"",
			    "full_name":"Mike Tan",
			    "hand_phone":"12345678",
			    "PA_CAN_Number":"",
			    "dob":"dd/mm/yyyy",
			    "nationality":"Singapore Citizen/Singapore PR/Others",
			    "golf_handicap":"",
			    "gender":"male/female",
			    "race":"Chinese/Malay/Indian/Others",
			    "residential_address":{
			    "blk":"31",
			    "street":"Ah Hood Rd",
			    "unit":"01-21",

		<String,String>)
		name(string)
		relationship(string)
		contact_no(string)
		
		communication_preference(Map<String,String>)
		isVoicecall(string)
		isHandphone(string)
		isPostal_mail(string)
		isEmail(string)
		isFrontline_magazine(string)
		isFrontline_magazine_digital(string)
		membership_info(Map<String,String>)
		type(string)
		expired_date(string)
		registration_type(string)
		card_type(string)
		
		membership_group(string)
			"postal_code":"329979"
			},
			"economic_status":"working/not working",
			"highest_education":"",
			"car_plate":"",
			"car_IU":"",
			"occupation":"",
			"annual_income":"",
			"emergency_contact":{
			"name":"Sara",
			"relationship":"spouse/parents/child/siblings/relatives/friends",
			"contact_no":"91111111"
			},
			"communication_preference":{
			"isVoicecall": "FALSE",
			"isHandphone": "true",
			"isPostal_mail": "FALSE",
			"isEmail": "true",
			"isFrontline_magazine": "true",
			"isFrontline_magazine_digital": "true"
			},
			"membership_info":{
			"type":"ordinary/associate/corporate/social/honorary/family",
			"expired_date":"30/11/2023",
			"registration_type":"Ordinary Membership - 2 Year Renewal",
			"card_type":"HomeTeamNS-PAssion-POSB/HomeTeamNS-PAssion/HomeTeamNS",
			"membership_group":""
			}
			}
			}
			
			//partial update
			{"userDetails":{"member_id":"CA85AFBD-FFF0-4087-A9CB-149AD0DE1668","email":"","hand_phone":"88361009","partial_update":1}}

	Status		**Sample Response**
Response	200 (Successful response)	{ "result": {	

"personal_details":{
  "member_id":"",
  "status":"",
  "approval_status":"",
  "NRIC":"",
  "maritial_status":"",
  "home_phone":"",
  "salutation":"",
  "email":"",
  "office_phone":"",
  "full_name":"",
  "hand_phone":"",
  "PA_CAN_Number":"",
  "dob":"",
  "nationality":"",
  "golf_handicap":"",
  "gender":"",
  "race":"",
  "residential_address":{
  "blk":"",
  "street":"",
  "unit":"",
  "postal_code":""
  },
  "economic_status":"",
  "highest_education":"",
  "car_plate":"",
  "car_IU":"",
  "occupation":"",
  "annual_income":"",
  "emergency_contact":{
  "name":"Sara",
  "relationship":"",
  "contact_no":""
  },
  "communication_preference":{
  "isVoicecall": "",
  "isHandphone": "",
  "isPostal_mail": "",
  "isEmail": "",
  "isFrontline_magazine": "",
  "isFrontline_magazine_digital": ""
  },
  "membership_info":{
  "type":"",
  "expired_date":"",
  "registration_type":"",
  "card_type":"",
  "membership_group":""
  }

		``
		      }
		    },
		  "result_code" : "0000",
		 }
		
		Note: information will be filled accordingly
		
		//For partial
		{
		   "result": "Update success",
		   "result_code": "0000"
		}
		``

	200
	(server error)
		``
		{
		   "result_code" : "1003",
		   "msg" : "Server Error"
		}
		``

	200
	(Database
	Error)
		``
		{
		   "result_code" : "1004",
		   "msg" : "Database Error"
		}
		``

	200
	(Parameter
	empty)
		``
		{
		   "result_code": "1005",
		   "msg": "Missing required parameter data"
		}
		``

	200
	(wrong Member
	ID)
		``
		{
		   "result_code": "1007",
		   "msg": "invalid member ID"
		}
		``

	200
	(wrong Status)
		``
		{
		   "result_code": "1008",
		   "msg": "Only accept active or inactive"
		}
		``

	200
	(wrong Approval
	Status)
		``
		{
		   "result_code": "1008",
		   "msg": "Only accept approved/pending approval/rejected"
		}
		``

	200
	(wrong nric format)
		``
		{
		   "result_code": "1008",
		   "msg": "Invalid nric"
		}
		``

	200
	(wrong marital
	status format)
		``
		{
		   "result_code": "1008",
		   "msg": "Only accept single/married/others"
		}
		``

		}

	200
	(wrong salutation
	format)
		{
		　"result_code": "1008",
		　"msg": "Only accept Dr/Mdm/Mr/Mrs/Ms/Prof/Miss"
		}

	200
	(wrong email
	format)
		{
		　"result_code": "1008",
		　"msg": "Invalid email format"
		}

	200
	(wrong name
	format)
		{
		　"result_code": "1008",
		　"msg": "Invalid name format"
		}

	200
	(wrong mobile
	phone format)
		{
		　"result_code": "1008",
		　"msg": "Only accept numbers and numbers must start with 8 or 9"
		}

	200
	(wrong date of
	birth format)
		{
		　"result_code": "1008",
		　"msg": "Invalid Date of Birth format - dd/mm/yyyy"
		}

	200
	(wrong nationality
	Format)
		{
		　"result_code": "1008",
		　"msg": "Only accept Singapore Citizen/Singapore PR/Others"
		}

	200
	(wrong gender)
		{
		　"result_code": "1008",
		　"msg": "Only accept male/female"
		}

	200
	(wrong race)
		{
		　"result_code": "1008",
		　"msg": "Only accept Chinese/Malay/Indian/Others"
		}

	200
	(wrong economic
	status)
		{
		　"result_code": "1008",
		　"msg": "Only accept working/not working"
		}

	200
	(wrong Emergency
	Contact name)
		{
		　"result_code": "1008",
		　"msg": "invalid Emergency Contact Name"
		}

	200
	(wrong Emergency Contact Relationship)
		``
		{
		    "result_code": "1008",
		    "msg": "invalid Emergency Contact Relationship, only accept spouse/parents/child/siblings/relatives/friends"
		}
		``

	200
	(wrong Emergency Contact number)
		``
		{
		    "result_code": "1008",
		    "msg": "invalid Emergency Contact number, only accept numbers"
		}
		``

	200
	(wrong Communication Preferences)
		``
		{
		    "result_code": "1008",
		    "msg": "invalid Communication Preference, only accept true/false"
		}
		``

	200
	(wrong Membership InfoType)
		``
		{
		    "result_code": "1008",
		    "msg": "invalid Membership Info Type, only accept ordinary/associate/corporate/social/honorary/family"
		}
		``

	200
	(wrong Membership Info Expiry Date)
		``
		{
		    "result_code": "1008",
		    "msg": "invalid Membership Info expired date format - dd/mm/yyyy"
		}
		``

	200
	(wrong Membership Info card type)
		``
		{
		    "result_code": "1008",
		    "msg": "Only accept HomeTeamNS-PAssion-POSB/HomeTeamNS-PAssion/HomeTeamNS"
		}
		``

	200
	(member do not exist)
		``
		{
		    "result_code": "1000",
		    "result": "Member do not exist in database"
		}
		``

	401
	(Unauthorized request)
		``
		{
		  "error_code":"000",
		  "msg":"Access Denied"
		}
		``

	400
	(Bad Request)
		``
		{
		  "error_code":"001",
		  "msg":"Access Denied"
		}
		``

15. Check Nric Unique API

15.1 Overview

This API is to check the unique of nric

15.2 Specification

<table>
<tr>
<td colspan="2">HTTP Request</td>
<td colspan="3">https://{domain_name}/v1/checknricunique</td>
</tr>
<tr>
<td rowspan="3">Header Parameters</td>
<td>Key</td>
<td colspan="3">Value</td>
</tr>
<tr>
<td>Authorization</td>
<td colspan="3">string (Bearer {access_token})</td>
</tr>
<tr>
<td>Content-Type</td>
<td colspan="3">string (application/json)</td>
</tr>
<tr>
<td rowspan="2">Request Body</td>
<td>Key</td>
<td>Value</td>
<td colspan="2">Example</td>
</tr>
<tr>
<td>nric</td>
<td>String</td>
<td colspan="2">G111111G</td>
</tr>
<tr>
<td rowspan="6">Response</td>
<td>Status</td>
<td colspan="3">Sample Response</td>
</tr>
<tr>
<td>200
(Successful response)</td>
<td colspan="3">{
  "result": "true", (true = nric exists/ false = nric not exists)
  "result_code": "0000"
}</td>
</tr>
<tr>
<td>200
(server error)</td>
<td colspan="3">{
  "result_code" : "1003",
  "msg" : "Server Error"
}</td>
</tr>
<tr>
<td>200
(Database Error)</td>
<td colspan="3">{
  "result_code" : "1004",
  "msg" : "Database Error"
}</td>
</tr>
<tr>
<td>401
(Unauthorized request)</td>
<td colspan="3">{
  "error_code":"000",
  "msg":"Access Denied"
}</td>
</tr>
<tr>
<td>400
(Bad Request)</td>
<td colspan="3">{
  "error_code":"001",
  "msg":"Access Denied"
}</td>
</tr>
</table>

	400 (Parameter type not match)	```{ "error_code":"002", "error":"Bad Request - Parameter type not match" }```
	400 (Parameter missing)	```{ "error_code" : "003", "msg" : "Bad Request - Parameter Missing" }```

16. Check Mobile Unique API

16.1 Overview

This API is to check the unique of mobile

16.2 Specification

<table>
<tr>
<td>HTTP Request</td>
<td colspan="3">https://{domain_name}/v1/checkmobileunique</td>
</tr>
<tr>
<td rowspan="3">Header Parameters</td>
<td>Key</td>
<td colspan="2">Value</td>
</tr>
<tr>
<td>Authorization</td>
<td colspan="2">string (Bearer {access_token})</td>
</tr>
<tr>
<td>Content-Type</td>
<td colspan="2">string (application/json)</td>
</tr>
<tr>
<td rowspan="2">Request Body</td>
<td>Key</td>
<td>Value</td>
<td>Example</td>
</tr>
<tr>
<td>mobile</td>
<td>String</td>
<td>88889999</td>
</tr>
<tr>
<td rowspan="6">Response</td>
<td>Status</td>
<td colspan="2">Sample Response</td>
</tr>
<tr>
<td>200
(Successful response)</td>
<td colspan="2">{
  "result": "false", (false = mobile not exists)
  "result_code": "0000",
  "message": ""
}</td>
</tr>
<tr>
<td>200
(Successful response, mobile used)</td>
<td colspan="2">{
  "result": "true",
  "result_code": "0000",
  "message": "This hand phone number is already registered to an existing member account. Please provide a different hand phone number. Using the same number will overwrite the existing member account."
}</td>
</tr>
<tr>
<td>200
(Successful response, invalid mobile)</td>
<td colspan="2">{
  "result": "true",
  "result_code": "0000",
  "message": "Please enter a valid hand phone number"
}</td>
</tr>
<tr>
<td>200
(server error)</td>
<td colspan="2">{
  "result_code" : "1003",
  "msg" : "Server Error"
}</td>
</tr>
<tr>
<td>200
(Database Error)</td>
<td colspan="2">{
  "result_code" : "1004",</td>
</tr>
</table>

		“msg” : “Database Error” }

	401
	(Unauthorized request)
		{
		  "error_code":"000",
		  "msg":"Access Denied"
		}

	400
	(Bad Request)
		{
		  "error_code":"001",
		  "msg":"Access Denied"
		}

	400 (Parameter type not match)	{
		  "error_code":"002",
		  "error":"Bad Request - Parameter type not match"
		}

	400
	(Parameter missing)
		{
		  “error_code” : “003”,
		  “msg” : “Bad Request - Parameter Missing”
		}

17. Check Email Unique API

17.1 Overview

This API is to check the unique of email

17.2 Specification

HTTP Request	https://{domain_name}/v1/checkemailunique		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**
	email	String	XXX@XXX.XX
Response	**Status**	**Sample Response**	

	200 (Successful response)	{
		  "result": "false", (false = not exists)
		  "result_code": "0000",
		  "message": ""
		}	

	200 (Successful response)	{
		  "result": "true",
		  "result_code": "0000",
		  "message": "Please enter a valid email address"
		}	

	200 (Successful response)	{
		  "result": "true",
		  "result_code": "0000",
		  "message": "This email has been verified by another member, if this is your email address, please email membership@hometeamns.sg"
		}	

	200 (server error)	{
		  "result_code" : "1003",
		  "msg" : "Server Error"
		}	

	200 (Database Error)	{ "result_code" : "1004",	

		“msg” : “Database Error” }
	401 (Unauthorized request)	{ "error_code":"000", "msg":"Access Denied" }
	400 (Bad Request)	{ "error_code":"001", "msg":"Access Denied" }
	400 (Parameter type not match)	{ "error_code":"002", "error":"Bad Request - Parameter type not match" }
	400 (Parameter missing)	{ "error_code" : "003", "msg" : "Bad Request - Parameter Missing" }

18. Get MemberList By Filter

18.1 Overview

This API is to get member list by filter

18.2 Specification

HTTP Request	https://{domain_name}/v1/getmemberlistbyfilter		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**
	memberId	String	XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX
	nric	String	X000000X / 000X
	name	String	xxx
	email	String	xx@xx.xx
	mobile	String	90909090
	membershipType	String	XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX
	approvalStatus	String	0/1/2 (Pending/Approved/Rejected)
	status	String	0/1 (Active/Inactive)
	createdBy	String	XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX
	pageno	int	1
	itemperpage	int	10
Response	**Status**	**Sample Response**	

	200 (Successful response)	{
		    "result": [
		        {
		            "membershipType": "Associate Membership",
		            "updatedBy": "CRM ADMINISTRATOR",
		            "approval": "Approved",
		            "mobile": "96164175",	

		"updatedDate": "2015-07-14 17:05:01.953",
		"nric": "XXXXX469W",
		"expiryDate": "2017-09-30 00:00:00.0",
		"createdDate": "2013-12-25 15:11:26.5",
		"registrationType": "Associate Membership - 5 Year (New Registration)",
		"createdBy": "CRM ADMINISTRATOR",
		"name": "AMIT GURUNG",
		"email": "NA@NA.com",
		"status": "Active",
		"memberId": "1EB3BE75-62BD-4334-9C37-76FB6A9125F0"
		},
		{
		    "membershipType": "Ordinary Membership",
		"updatedBy": "SYSTEM",
		"approval": "Approved",
		"mobile": "92329391",
		"updatedDate": "2020-09-30 23:26:05.153",
		"nric": "XXXXX001A",
		"expiryDate": "2027-10-31 23:59:59.0",
		"createdDate": "2013-12-25 15:38:45.163",
		"registrationType": "HomeTeamNS Family Scheme Ordinary Admin Fee (Auto-Extension)",
		"createdBy": "CRM ADMINISTRATOR",
		"name": "YEO CHIN HAN KEVIN",
		"email": "yeo79@hotmail.com",
		"status": "Active",
		"memberId": "C434173B-E6FC-4C7A-BAB4-006AE6DE9359"
		}
		],
		"result_code": "0000",
		"totalrecords": "10"
		}

	200
	(Empty Result)
		{
		  "result": [],
		  "result_code": "0000",
		  "totalrecords": "0"
		}

	200
	(server error)
		{
		  "result_code" : "1003",
		  "msg" : "Server Error"
		}

	200
	(Database Error)
		{
		  "result_code" : "1004",
		  "msg" : "Database Error"
		}

	401
	(Unauthorized request)
		{
		  "error_code":"000",
		  "msg":"Access Denied"
		}

	400
	(Bad Request)
		{
		  "error_code":"001",
		  "msg":"Access Denied"

		`}`

	400 (Parameter type not match)	`{`
		  `"error_code":"002",`
		  `"error":"Bad Request - Parameter type not match"`
		`}`

	400 (Parameter missing)	`{`
		  `"error_code" : "003",`
		  `"msg" : "Bad Request - Parameter Missing"`
		`}`

19. Get Transaction Detail By transaction ID

19.1 Overview

This API is to get transaction detail by transaction id.

19.2 Specification

HTTP Request	https://{domain_name}/v1/gettransactiondetail		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**
	transactionId	String	XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXX (BBB86249-140C-4878-A5C2-C2D1432B1D61)
Response	**Status**	**Sample Response**	

	200 (Successful response)	`{`
		`  "result": [`
		`    {`
		`      "amount": "0.00",`
		`      "name": "LIM YEW CHUN",`
		`      "description": "desc",`
		`      "location": "HomeTeamNS",`
		`      "invoiceNo": "HTNS00028088",`
		`      "merchantRefNo": "20210507233721560",`
		`      "invoiceDate": "07-05-2021 23:37:22",`
		`      "nric": "XXXXX880C",`
		`      "onlineRefNo": "",`
		`      "remarks": "",`
		`      "paymentStatus": "Success",`
		`      "promotion": ""`
		`    }`
		`  ],`
		`  "result_code": "0000"`
		`}`	

	200 (Empty Result)	`{`
		`  "msg": "Database Error - Unable to find this record.",`
		`  "result_code": "1004"`
		`}`	

	200 (server error)	`{`
		`  "result_code" : "1003",`
		`  "msg" : "Server Error"`
		`}`	

	200
	(Database Error)
		{
		  "result_code" : "1004",
		  "msg" : "Database Error"
		}

	401
	(Unauthorized
	request)
		{
		  "error_code":"000",
		  "msg":"Access Denied"
		}

	400
	(Bad Request)
		{
		  "error_code":"001",
		  "msg":"Access Denied"
		}

	400 (Parameter
	type not match)
		{
		  "error_code":"002",
		  "error":"Bad Request - Parameter type not match"
		}

	400
	(Parameter
	missing)
		{
		  "error_code" : "003",
		  "msg" : "Bad Request - Parameter Missing"
		}

20. Get Invoice Detail By Invoice Number

20.1 Overview

This API is to get invoice detail by invoice number.

20.2 Specification

HTTP Request	https://{domain_name}/v1/getinvoicedetail		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**
	invoiceNumber	String	XXXXXXXXXXXX (HTNS00027330)
Response	**Status**	**Sample Response**	
	200 (Successful response)	(see JSON below)	

```json
{
    "result": [
        {
            "date": "2021-04-09 23:48:27.607",
            "gstRate": 0.07,
            "gstValue": "7",
            "gst": "1.31",
            "subTotal": "18.69",
            "nric": "XXXXX187E",
            "gstNumber": "M400055254",
            "total": "20.00",
            "invoiceItems": [
                {
                    "total": "20.00",
                    "quatity": 1,
                    "price": "20.00",
                    "name": "UTHALUN WATCHARAPORN",
                    "particulars": "MBS - Family Membership - 2 Year (New Registration)",
                    "nric": "XXXXX033H"
                }
            ],
            "englishAmt": "Twenty Dollar(s)",
            "invoicePayments": [
                {
                    "amount": "20.00",
                    "description": "Online Payment",
                    "paymentType": "Online Payment",
                    "serialNo": "1"
                }
            ],
```

		`"invoiceNumber": "HTNS00027330",`
		`"location": "HOMETEAMNS",`
		`"fullname": "TONG CHEE WAH"`
		`    }`
		`  ],`
		`  "result_code": "0000"`
		`}`

	200
	(Empty Result)
		`{`
		`  "msg": "Database Error - Unable to find this record.",`
		`  "result_code": "1004"`
		`}`

	200
	(server error)
		`{`
		`  "result_code" : "1003",`
		`  "msg" : "Server Error"`
		`}`

	200
	(Database Error)
		`{`
		`  "result_code" : "1004",`
		`  "msg" : "Database Error"`
		`}`

	401
	(Unauthorized
	request)
		`{`
		`  "error_code":"000",`
		`  "msg":"Access Denied"`
		`}`

	400
	(Bad Request)
		`{`
		`  "error_code":"001",`
		`  "msg":"Access Denied"`
		`}`

	400 (Parameter
	type not match)
		`{`
		`  "error_code":"002",`
		`  "error":"Bad Request - Parameter type not match"`
		`}`

	400
	(Parameter
	missing)
		`{`
		`  "error_code" : "003",`
		`  "msg" : "Bad Request - Parameter Missing"`
		`}`

21. Get NRIC List API

21.1 Overview

This API is to get the nric list by main member id

21.2 Specification

HTTP Request	https://{domain_name}/v1/getnriclist		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**
	id	String	XXXXXXXX-XXXX-XXXX-XXXX-0000B6423AB
Response	**Status**	**Sample Response**	

	200 (Successful response)	`{`
		`    "result": [`
		`        "S9773620J,t84Ve0/mq+E8rIvs1r2ObQ=="`
		`    ],`
		`    "result_code": "0000"`
		`}`
		
		(list of Nric + encoded nric)	

	200 (Empty Result)	`{`
		`    "result": [],`
		`    "result_code": "0000"`
		`}`	

	200 (server error)	`{`
		`    "result_code" : "1003",`
		`    "msg" : "Server Error"`
		`}`	

	200 (Database Error)	`{`
		`    "result_code" : "1004",`
		`    "msg" : "Database Error"`
		`}`	

401 (Unauthorized request)	{
	  "error_code":"000",
	  "msg":"Access Denied"
	}

400 (Bad Request)	{
	  "error_code":"001",
	  "msg":"Access Denied"
	}

400 (Parameter type not match)	{
	  "error_code":"002",
	  "error":"Bad Request - Parameter type not match"
	}

400 (Parameter missing)	{
	  "error_code" : "003",
	  "msg" : "Bad Request - Parameter Missing"
	}

22. Upload Supporting Document API

22.1 Overview

This API is to upload the supporting document to the member.

22.2 Specification

HTTP Request	https://{domain_name}/v1/supportingdocument		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**
	memberId	String	XXXXXXXX-XXXX-XXXX-XXXX-0000B6423AB
	document	form-data	Png file
Response	**Status**	**Sample Response**	

	200 (Successful response)	{
		  "result":"Success",
		  "result_code":"0000"
		}	

	200 (not support file format)	{
		  "result":"File Type Not Allow.",
		  "result_code":"1000"
		}	

	200 (Upload Fail)	{
		  "result":"File Upload Fail.",
		  "result_code":"1000"
		}	

	200 (Empty Result)	{
		  "msg": "Database Error - Unable to find this record.",
		  "result_code": "1004"
		}	

	200 (server error)	{
		  "result_code" : "1003",
		  "msg" : "Server Error"
		}	

		}

	200
	(Database Error)
		{
		  "result_code" : "1004",
		  "msg" : "Database Error"
		}

	401
	(Unauthorized
	request)
		{
		  "error_code":"000",
		  "msg":"Access Denied"
		}

	400
	(Bad Request)
		{
		  "error_code":"001",
		  "msg":"Access Denied"
		}

	400 (Parameter
	type not match)
		{
		  "error_code":"002",
		  "error":"Bad Request - Parameter type not match"
		}

	400
	(Parameter
	missing)
		{
		  "error_code" : "003",
		  "msg" : "Bad Request - Parameter Missing"
		}

23. Edit Family / Social API

23.1 Overview

This API is to edit family / social profile

23.2 Specification

HTTP Request			https://{domain_name}/v1/editfamilyorsocialprofile	
Header Parameters	**Key**		**Value**	
	Authorization		string (Bearer {access_token})	
	Content-Type		string (application/json)	
Request Body	**Key**	**Value**	**Example**	

	userDetails	member_id(string) status (string) approval_status(string) nric(string) email(string) full_name(string) hand_phone(string)
		
		PA_CAN_Number(string) dob(string) gender(string) race(string)
		
		residential_address(Map <string,string>) blk(string) street(string) unit(string) postal_code(string)
		
		car_plate(string) car_IU(string)
		
		communication_preferen ce(Map<string,string>) handphone(string) postal_mail(string) email(string) frontline_magazine(string)
			{ "userDetails":{
			
			"member_id":"xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxx x","partial_update": 0,
			    "status":"",
			    "approval_status":"",
			    "nric":"",
			    "email":"",
			    "full_name":"",
			    "hand_phone":"",
			    "PA_CAN_Number":"",
			    "dob":"",
			    "gender":"",
			    "race":"",
			    "registration":"",
			    "relationship":"",
			    "residential_address":{
			      "blk":"",
			      "street":"",
			      "unit":"",
			      "postal_code":""
			    },
			    "car_plate":"",
			    "car_IU":"",
			    "communication_preference":{
			      "isVoicecall": "",
			      "isHandphone":"",
			      "isPostal_mail":"",	

			<pre> "isEmail":"",
"isFrontline_magazine":"",
"isFrontline_magazine_digital": ""
}
}
}</pre> //for partial update<pre>{
"userDetails": {
"member_id":
"D449B8DA-D6E3-4B3D-A3A1-8751DDD7B5
53",
"email": "",
"hand_phone": "87126354",
"partial_update": 1,
"type":"family"
}
}</pre>Type: family/social "partial_update": 0/1, Note: all fields do not need to be filled, only member_id is compulsory and the field you want to change
	Status	**Sample Response**	
Response	200 (Successful response)	<pre>{
"result": {
"family_details": {
"family_member_id": "",
"status": "",
"approval_status": "",
"name": "",
"NRIC": "",
"relationship": "",
"gender": "",
"race": "",
"dob": "",
"email": "",
"hand_phone": "",
"registration_type": "",
"car_plate": "",
"car_IU": "",
"PA_CAN_Number": "",
"residential_address": {},
"communication_preference": {}
},</pre>	

		``json
		    "social_details": {
		        "social_member_id": "",
		        "status": "active",
		        "approval_status": "",
		        "name": "",
		        "NRIC": "",
		        "relationship": "",
		        "gender": "",
		        "race": "",
		        "dob": "",
		        "email": "",
		        "hand_phone": "",
		        "registration_type": "",
		        "residential_address": {
		            "blk": "",
		            "street": "",
		            "unit": "",
		            "postal_code": ""
		        },
		        "communication_preference": {
		            "handphone": "",
		            "postal_mail": "*,
		            "comm_email": "",
		            "frontline_magazine": ""
		        }
		    }
		  },
		  "result_code": "0000"
		}
		``
		
		Note: information will be filled accordingly
		
		//For partial
		``json
		{
		    "result": "Update success",
		    "result_code": "0000"
		}
		``

	200
	(server error)
		``json
		{
		    "result_code" : "1003",
		    "msg" : "Server Error"
		}
		``

	200
	(Database Error)
		``json
		{
		    "result_code" : "1004",
		    "msg" : "Database Error"
		}
		``

	200
	(Parameter
		``json
		{
		    "result_code": "1005",
		``

	empty)	"msg": "Missing required parameter data" }

	200
	(wrong Member ID)
		{
		    "result_code": "1007",
		    "msg": "invalid member ID"
		}

	200
	(wrong Status)
		{
		  "result_code": "1008",
		    "msg": "Only accept active or inactive"
		}

	200
	(wrong Approval Status)
		{
		    "result_code": "1008",
		    "msg": "Only accept approved/pending approval/rejected"
		}

	200 (wrong nric format)	"result_code": "1008", "msg": "Invalid nric" }

	200
	(wrong marital status format)
		{
		    "result_code": "1008",
		    "msg": "Only accept single/married/others"
		}

	200
	(wrong contact number format)
		{
		    "result_code": "1008",
		    "msg": "Only accept numbers"
		}

	200
	(wrong salutation format)
		{
		    "result_code": "1008",
		    "msg": "Only accept Dr/Mdm/Mr/Mrs/Ms/Prof/Miss"
		}

	200
	(wrong email format)
		{
		    "result_code": "1008",
		    "msg": "Invalid email format"
		}

	200
	(wrong name format)
		{
		    "result_code": "1008",
		    "msg": "Invalid name format"
		}

	200
	(wrong mobile phone format)
		{
		    "result_code": "1008",
		    "msg": "Only accept numbers and numbers must start with 8 or 9"

		}

	200
	(wrong date of
	birth format)
		{
		  "result_code": "1008",
		  "msg": "Invalid Date of Birth format - dd/mm/yyyy"
		}

	200
	(wrong gender)
		{
		  "result_code": "1008",
		  "msg": "Only accept male/female"
		}

	200
	(wrong race)
		{
		  "result_code": "1008",
		  "msg": "Only accept Chinese/Malay/Indian/Others"
		}

	200
	(wrong
	Communication
	Preferences)
		{
		  "result_code": "1008",
		  "msg": "invalid Communication Preference, only accept true/false"
		}

	401
	(Unauthorized
	request)
		{
		  "error_code":"000",
		  "msg":"Access Denied"
		}

	400
	(Bad Request)
		{
		  "error_code":"001",
		  "msg":"Access Denied"
		}

24. Create Member Account

24.1 Overview

This API is to create guest account or add user credential for other member

24.2 Specification

HTTP Request	https://{domain_name}/v1/create_account_credential		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**

	Raw (application/json)	(string)	Other member:
			{
			  "user_info":{
			    "type":"familymember",
			    "username":"family",
			    "password":"family",
			
			"memberId":"57C32653-D84D-47E5-AC63-89271ACD4061"
			  }
			}

<table>
<tr><td colspan="4">

Guest member:

```
{
  "user_info":{
    "type":"guestmember",
    "username":"family",
    "password":"family",
    "email":"",
    "Mobile":"",
    "name":"",
    "dob":""
  }
}
```

Type :
guestmember, mainmember,
familymember, affiliatemember
For other member
Only username, password,
memberid and type is mandatory

For guest member
Only username, password, mobile,
email, name, dob and type is
mandatory.
</td></tr>
<tr><td rowspan="5">Response</td><td>Status</td><td colspan="2">Sample Response</td></tr>
<tr><td>

200
(Successful
response)
</td><td colspan="2">

```
{
    "result" : "Success",

"member_id":"57C32653-D84D-47E5-AC63-89271ACD40
61"
    "result_code" : "0000"
}
```
</td></tr>
<tr><td>

200
(Fail Insert)
</td><td colspan="2">

```
{
    "result_code" : "1000",
    "msg" : "Fail to insert guest info"
}
```
</td></tr>
<tr><td>

200
(server error)
</td><td colspan="2">

```
{
    "result_code" : "1003",
    "msg" : "Server Error"
}
```
</td></tr>
<tr><td>

200
(Database Error)
</td><td colspan="2">

```
{
    "result_code" : "1004",
    "msg" : "Database Error"
}
```
</td></tr>
</table>

	401
	(Unauthorized
	request)
		{
		  "error_code":"000",
		  "msg":"Access Denied"
		}

	400
	(Bad Request)
		{
		  "error_code":"001",
		  "msg":"Access Denied"
		}

	400 (Parameter
	type not match)
		{
		  "error_code":"002",
		  "error":"Bad Request - Parameter type not match"
		}

	400
	(Parameter missing)
		{
		  "error_code" : "003",
		  "msg" : "Bad Request - Parameter Missing"
		}

25. View Guest Account

25.1 Overview

This API is to view guest account by guestId

25.2 Specification

HTTP Request	https://{domain_name}/v1/viewguestaccount		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**
	guestId	String	E5D13F09-7D16-4E04-9289-AC2CA DBA4F11
Response	**Status**	**Sample Response**	
	200	{	

	(Successful response)	"password": "//2yJY9oIRqzagC8+WajVg==", "modifiedOn": "2021-07-23 10:25:05.477", "dob": "15-08-1992", "mobile": "86840926", "name": "leo", "id": 1, "createdOn": "2021-07-23 10:19:27.593", "email": "ncw1121@hotmail.com", "username": "leo" }

	200
	(Empty Result)
		{
		  "msg": "Database Error - Unable to find this record.",
		  "result_code": "1004"
		}

	200
	(server error)
		{
		  "result_code" : "1003",
		  "msg" : "Server Error"
		}

	401
	(Unauthorized request)
		{
		  "error_code":"000",
		  "msg":"Access Denied"
		}

	400
	(Bad Request)
		{
		  "error_code":"001",
		  "msg":"Access Denied"
		}

	400 (Parameter type not match)	{
		  "error_code":"002",
		  "error":"Bad Request - Parameter type not match"
		}

	400
	(Parameter missing)
		{
		  "error_code" : "003",
		  "msg" : "Bad Request - Parameter Missing"
		}

26. Edit Guest Account

26.1 Overview

This API is to edit guest account

26.2 Specification

HTTP Request	https://{domain_name}/v1/editguestaccount		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**
	guestId	String	E5D13F09-7D16-4E04-9289-AC2CA DBA4F11

	username	String	leonew
	password	String	leo1234
	name	String	Leo nam ah
	email	String	b@b.b
	mobile	String	12345678
	dob	String	16-08-1992
	Status	**Sample Response**	

Response	200
	(Successful response)
		{
		  "result" : "Success",
		  "result_code" : "0000"
		}	

	200
	(Empty Result)
		{
		  "msg": "Database Error - Unable to find this record.",
		  "result_code": "1004"
		}	

	200
	(server error)
		{
		  "result_code" : "1003",
		  "msg" : "Server Error"
		}	

	401
	(Unauthorized request)
		{
		  "error_code":"000",
		  "msg":"Access Denied"
		}	

	400
	(Bad Request)
		{
		  "error_code":"001",
		  "msg":"Access Denied"
		}	

	400 (Parameter type not match)	{
		  "error_code":"002",
		  "error":"Bad Request - Parameter type not match"
		}	

	400
	(Parameter missing)
		{
		  "error_code" : "003",
		  "msg" : "Bad Request - Parameter Missing"
		}	

27. List Guest Account

27.1 Overview

This API is to get the listing of guest account by filter

27.2 Specification

HTTP Request	https://{domain_name}/v1/listguestaccount		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**
	pageno	Int	2

	itemperpage	int	10
	name	String	leo
	email	String	b@b.b
	mobile	String	6789 Note: Can insert 4 or 8 character

	Status	Sample Response	

Response	200
	(Successful response)
		<pre>{
		   "result": [
		      {
		         "password": "leo123",
		         "createdDate": "2021-07-23 10:19:27.593",
		         "dobStr": "Sat Aug 15 00:00:00 SGT 1992",
		         "mobile": "86840926",
		         "hashPassword": "//2yJY9oIRqzagC8+WajVg==",
		         "name": "leo",
		         "last4Mobile": "0926",
		         "modifiedDate": "2021-07-23 10:25:05.477",
		         "id": 1,
		         "email": "ncw1121@hotmail.com",
		         "username": "leo"
		      }
		   ],
		   "result_code": "0000",
		   "totalrecords": "1"
		}</pre>	

	200
	(Empty Result)
		<pre>{
		   "result": [],
		   "result_code": "0000",
		   "totalrecords": "0"
		}</pre>	

	200
	(server error)
		<pre>{
		   "result_code" : "1003",
		   "msg" : "Server Error"
		}</pre>	

	200
	(Database Error)
		<pre>{
		   "result_code" : "1004",
		   "msg" : "Database Error"
		}</pre>	

	401
	(Unauthorized
		<pre>{
		   "error_code":"000",</pre>	

	request)	"msg":"Access Denied" }

	400
	(Bad Request)
		{
		  "error_code":"001",
		  "msg":"Access Denied"
		}

	400 (Parameter
	type not match)
		{
		  "error_code":"002",
		  "error":"Bad Request - Parameter type not match"
		}

	400
	(Parameter missing)
		{
		  "error_code" : "003",
		  "msg" : "Bad Request - Parameter Missing"
		}

28. Guest Login

28.1 Overview

This API is to get guest login status

28.2 Specification

HTTP Request	https://{domain_name}/v1/guestlogin		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
	Key	**Value**	**Example**

Request Body	Raw (application/json)	(string)	{
			  "user_info":{
			    "username":"user",
			    "password":"pwd"
			  }
			}

Response	**Status**		**Sample Response**

	200
	(Successful response)
			{
			  "result": {
			    "member_id":
			"E5D13F09-7D16-4E04-9289-AC2CADBA4F11"
			  },
			  "result_code": "0000"
			}

	200
	(Empty Result)
			{
			  "msg":"Login fail, username not found",
			  "result_code":"1000"
			}

	200
	(Password not match)
			{
			  "msg":"Password not match",
			  "result_code":"1000"
			}

	200
	(server error)
			{
			  "result_code" : "1003",
			  "msg" : "Server Error"
			}

	200
	(Database Error)
			{
			  "result_code" : "1004",
			  "msg" : "Database Error"
			}

	401
	(Unauthorized request)
			{
			  "error_code":"000",
			  "msg":"Access Denied"
			}

	400
	(Bad Request)
			{
			  "eror_code":"001",
			  "msg":"Access Denied"
			}

	400 (Parameter type not match)		{ "error_code":"002",

		"error":"Bad Request - Parameter type not match" }

	400
	(Parameter missing)
		{
		  "error_code" : "003",
		  "msg" : "Bad Request - Parameter Missing"
		}

29. Remove Family / Social from Main member API

29.1 Overview

This API is to remove main member family / social profile

29.2 Specification

<table>
<tr>
<td>HTTP Request</td>
<td colspan="3">https://{domain_name}/v1/removefamilyorsocial</td>
</tr>
<tr>
<td rowspan="3">Header Parameters</td>
<td>Key</td>
<td colspan="2">Value</td>
</tr>
<tr>
<td>Authorization</td>
<td colspan="2">string (Bearer {access_token})</td>
</tr>
<tr>
<td>Content-Type</td>
<td colspan="2">string (application/json)</td>
</tr>
<tr>
<td rowspan="2">Request Body</td>
<td>Key</td>
<td>Value</td>
<td>Example</td>
</tr>
<tr>
<td>userDetails</td>
<td>family_id(string)
social_id(string)</td>
<td>{
  "userDetails":{

"family_id":"xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx",
"social_id":"xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx"
    }
}

Note:

Either family_id or social_id must be fill</td>
</tr>
<tr>
<td rowspan="3">Response</td>
<td>Status</td>
<td colspan="2">Sample Response</td>
</tr>
<tr>
<td>200
(Successful response)</td>
<td colspan="2">{
   "result_code" : "1000",
   "msg" : "Member: xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx has been successfully remove"
}</td>
</tr>
<tr>
<td>200
(does not exist in database,</td>
<td colspan="2">{
   "result_code": "1000",
   "result": "Member do not exist in database"</td>
</tr>
</table>

	social)	}

	200
	(Successful
	response)
		{
		    "result_code" : "1007",
		    "msg" : "Invalid family member ID"
		}

	200
	(Successful
	response)
		{
		    "result_code" : "1007",
		    "msg" : "Invalid social member ID"
		}

	200
	(server error)
		{
		    "result_code" : "1003",
		    "msg" : "Server Error"
		}

	200
	(Database
	Error)
		{
		    "result_code" : "1004",
		    "msg" : "Database Error"
		}

	200
	(Parameter
	empty)
		{
		    "result_code": "1005",
		    "msg": "Missing required parameter data"
		}

	401
	(Unauthorized
	request)
		{
		    "error_code":"000",
		    "msg":"Access Denied"
		}

	400
	(Bad Request)
		{
		    "error_code":"001",
		    "msg":"Access Denied"
		}

30. Replacement Card Status API

30.1 Overview

Check if member is requesting replacement card

30.2 Specification

HTTP Request	https://{domain_name}/v1/isrequestingcardreplacement		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**
	member_id	(string)	"member_id":"xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx"
Response	**Status**	**Sample Response**	

	200 (Successful response)	{
		 "result_code" : "1000",
		 "result" : "Active"
		 }	

	200 (Successful response)	{
		 "result_code" : "1000",
		 "result" : "Closed"
		 }	

	200 (server error)	{
		 "result_code" : "1003",
		 "msg" : "Server Error"
		 }	

	200 (Database Error)	{
		 "result_code" : "1004",
		 "msg" : "Database Error"
		 }	

	200 (Parameter empty)	{ "result_code": "1005", "msg": "Missing required parameter data"	

		}

	401
	(Unauthorized
	request)
		{
		  "error_code":"000",
		  "msg":"Access Denied"
		}

	400
	(Bad Request)
		{
		  "error_code":"001",
		  "msg":"Access Denied"
		}

31. Sign Up Form API

31.1 Overview

Get the signup form for registration

31.2 Specification

HTTP Request	https://{domain_name}/v1/signupform		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**
Response	**Status**	**Sample Response**	

	200 (Successful response)	`{`
		`    "result": [`
		`        {`
		`            "acknowledge": {`
		`                "min": -1,`
		`                "max": -1,`
		`                "format": "",`
		`                "name": "acknowledge",`
		`                "input_type": "Checkbox",`
		`                "disabled": false,`
		`                "onSelected": "",`
		`                "label": "I acknowledge that I have read and accept the above declarations.\nI agree and consent HomeTeamNS use of my personal data as part of my Membership Application",`
		`                "mandatory": true,`
		`                "info": ""`
		`            },`
		`            "normalFieldList": [`
		`                {`
		`                    "min": -1,`
		`                    "max": -1,`
		`                    "format": "X0000000X",`
		`                    "name": "nric",`
		`                    "input_type": "Text field",`
		`                    "disabled": false,`	

```
                                        "onSelected": "check nric",
                                        "label": "* NRIC / FIN",
                                        "mandatory": true
                                    },
                                    {
                                        "min": -1,
                                        "max": -1,
                                        "format": "Uppercase",
                                        "name": "name",
                                        "input_type": "Text field",
                                        "disabled": false,
                                        "onSelected": "",
                                        "label": "* Full Name (As on NRIC/FIN)",
                                        "mandatory": true
                                    },
                                    {
                                        "min": -1,
                                        "answer": [
                                            {
                                                "answer": "Male",
                                                "destination": "",
                                                "action": ""
                                            },
                                            {
                                                "answer": "Female",
                                                "destination": "",
                                                "action": ""
                                            }
                                        ],
                                        "max": -1,
                                        "format": "capital",
                                        "name": "gender",
                                        "input_type": "Radio Button",
                                        "disabled": false,
                                        "onSelected": "",
                                        "label": "* Gender",
                                        "mandatory": true
                                    },
                                    {
                                        "min": -1,
                                        "max": -1,
                                        "format": "dd-MM-yyyy",
                                        "name": "dob",
                                        "input_type": "Date",
                                        "disabled": false,
                                        "onSelected": "show available price in registrationtype",
                                        "label": "* Date Of Birth (DD-MM-YYYY)",
                                        "mandatory": true,
                                        "info": "To be eligible as a Main Member, you must be aged
16 and above"
```

```
                },
                {
                    "min": -1,
                    "max": -1,
                    "format": "a@a.a",
                    "name": "email",
                    "input_type": "Text Field",
                    "disabled": false,
                    "onSelected": "check dup, show confirm email",
                    "label": "* Email",
                    "mandatory": true
                },
                {
                    "min": -1,
                    "max": -1,
                    "format": "a@a.a",
                    "name": "confirm email",
                    "input_type": "Text Field",
                    "disabled": false,
                    "onSelected": "check same as email",
                    "label": "* Confirm Email",
                    "mandatory": true
                },
                {
                    "min": -1,
                    "max": -1,
                    "format": "00000000",
                    "name": "mobile",
                    "input_type": "Text Field",
                    "disabled": false,
                    "onSelected": "verify mobile, send otp, show otp",
                    "label": "* Hand Phone",
                    "mandatory": true
                },
                {
                    "min": -1,
                    "max": -1,
                    "format": "000000",
                    "name": "otp",
                    "input_type": "Text Field",
                    "disabled": false,
                    "onSelected": "verify mobile, send otp",
                    "label": "* Hand Phone OTP",
                    "mandatory": true
                },
                {
                    "min": -1,
                    "max": -1,
                    "format": "000000",
                    "name": "postalcode",
```

```
      "input_type": "Text Field",
      "disabled": false,
      "onSelected": "show streetname, block, unit dropdownlist",
      "label": "* Postal Code",
      "mandatory": true
    },
    {
      "min": -1,
      "max": -1,
      "format": "",
      "name": "streetname",
      "input_type": "Text Field",
      "disabled": true,
      "onSelected": "",
      "label": "* Street Name",
      "mandatory": true
    },
    {
      "min": -1,
      "max": -1,
      "format": "",
      "name": "block",
      "input_type": "Text Field",
      "disabled": true,
      "onSelected": "",
      "label": "* House No. / Block",
      "mandatory": true
    },
    {
      "min": -1,
      "max": -1,
      "format": "#xx-xxx",
      "name": "unit",
      "input_type": "Drop Down List",
      "disabled": false,
      "onSelected": "",
      "label": "* Floor - Unit No.",
      "mandatory": true
    },
    {
      "min": -1,
      "max": -1,
      "format": "",
      "name": "registrationtype",
      "input_type": "Drop Down List",
      "disabled": false,
      "onSelected": "",
      "label": "* Membership Registration Type:",
      "mandatory": true,
      "info": "'Ordinary Membership' - All NSmen who have
```

		served or are serving in the Singapore Police Force (SPF) / Singapore Civil Defence Force (SCDF)\n 'Associate Membership' - All staff that are serving in any of the Home Team Agencies under the Ministry of Home Affairs"

```
                    },
                    {
                        "min": -1,
                        "answer": [
                            {
                                "answer": "Yes",
                                "destination": "",
                                "action": ""
                            },
                            {
                                "answer": "No",
                                "destination": "",
                                "action": ""
                            }
                        ],
                        "max": -1,
                        "format": "",
                        "name": "message",
                        "input_type": "Radio Button",
                        "disabled": false,
                        "onSelected": "",
                        "label": "* Receive promotional messages to your hand
phone?",
                        "mandatory": true
                    },
                    {
                        "min": -1,
                        "answer": [
                            {
                                "answer": "Yes",
                                "destination": "",
                                "action": ""
                            },
                            {
                                "answer": "No",
                                "destination": "",
                                "action": ""
                            }
                        ],
                        "max": -1,
                        "format": "",
                        "name": "postalemail",
                        "input_type": "Radio Button",
                        "disabled": false,
                        "onSelected": "",
                        "label": "* Receive promotional postal mail?",
```

```
                                    "mandatory": true
                                },
                                {
                                    "min": -1,
                                    "answer": [
                                        {
                                            "answer": "Yes",
                                            "destination": "",
                                            "action": ""
                                        },
                                        {
                                            "answer": "No",
                                            "destination": "",
                                            "action": ""
                                        }
                                    ],
                                    "max": -1,
                                    "format": "",
                                    "name": "promoemail",
                                    "input_type": "Radio button",
                                    "disabled": false,
                                    "onSelected": "",
                                    "label": "* Receive promotional email?",
                                    "mandatory": true
                                },
                                {
                                    "min": -1,
                                    "answer": [
                                        {
                                            "answer": "Yes",
                                            "destination": "",
                                            "action": ""
                                        },
                                        {
                                            "answer": "No",
                                            "destination": "",
                                            "action": ""
                                        }
                                    ],
                                    "max": -1,
                                    "format": "",
                                    "name": "magazine",
                                    "input_type": "Radio Button",
                                    "disabled": false,
                                    "onSelected": "",
                                    "label": "* Receive the digital copy of FRONTLINE
Magazine?",
                                    "mandatory": true
                                }
                            ],
```

```
"familyField": [
    {
        "min": -1,
        "max": -1,
        "format": "X0000000X",
        "name": "familynric",
        "input_type": "Text field",
        "disabled": false,
        "onSelected": "check nric",
        "label": "* Family Member NRIC/Birth Cert No.",
        "mandatory": true
    },
    {
        "min": -1,
        "max": -1,
        "format": "Uppercase",
        "name": "familyname",
        "input_type": "Text field",
        "disabled": false,
        "onSelected": "",
        "label": "* Family Member Name",
        "mandatory": true
    },
    {
        "min": -1,
        "answer": [
            {
                "answer": "Spouse",
                "destination": "",
                "action": ""
            },
            {
                "answer": "Parent",
                "destination": "",
                "action": ""
            },
            {
                "answer": "Child",
                "destination": "",
                "action": ""
            }
        ],
        "max": -1,
        "format": "",
        "name": "relationship",
        "input_type": "Drop Down List",
        "disabled": false,
        "onSelected": "Spouse show spousedob | Parent show
parentdob | Child show childdob",
        "label": "* Relationship",
```

```
            "mandatory": true
        },
        {
            "min": -1,
            "answer": [
                {
                    "answer": "Male",
                    "destination": "",
                    "action": ""
                },
                {
                    "answer": "Female",
                    "destination": "",
                    "action": ""
                }
            ],
            "max": -1,
            "format": "",
            "name": "familygender",
            "input_type": "Radio Button",
            "disabled": false,
            "onSelected": "",
            "label": "* Gender",
            "mandatory": true
        },
        {
            "min": -1,
            "max": -1,
            "format": "dd-MM-yyyy",
            "name": "spousedob",
            "input_type": "Date",
            "disabled": false,
            "onSelected": "show price registrationtype",
            "label": "* Date Of Birth (DD-MM-YYYY)",
            "mandatory": true,
            "info": "To be eligible as a Spouse Member, he/she has to
be aged 16 and above"
        },
        {
            "min": -1,
            "max": -1,
            "format": "dd-MM-yyyy",
            "name": "parentdob",
            "input_type": "Date",
            "disabled": false,
            "onSelected": "show price registrationtype",
            "label": "* Date Of Birth (DD-MM-YYYY)",
            "mandatory": true,
            "info": "To be eligible as a Parent Member, he/she has to
be aged 32 and above"
```

```
                },
                {
                    "min": -1,
                    "max": -1,
                    "format": "dd-MM-yyyy",
                    "name": "familydob",
                    "input_type": "Date",
                    "disabled": false,
                    "onSelected": "show price registrationtype | show
sameasemail if age low than 14",
                    "label": "* Date Of Birth (DD-MM-YYYY)",
                    "mandatory": true,
                    "info": "To be eligible as a Child Member, he/she has to be
aged between 0 and 19 years."
                },
                {
                    "min": -1,
                    "max": -1,
                    "format": "",
                    "name": "familyregistrationtype",
                    "input_type": "Drop Down List",
                    "disabled": false,
                    "onSelected": "",
                    "label": "* Membership Registration Type",
                    "mandatory": true
                },
                {
                    "min": -1,
                    "max": -1,
                    "format": "",
                    "name": "sameasemail",
                    "input_type": "Checkbox",
                    "disabled": false,
                    "onSelected": "disable familyemail | show email in
familyemail",
                    "label": "Email same as Main Member",
                    "mandatory": false,
                    "info": "Email entered may be the same as Main Member
only for child below 14 years old"
                },
                {
                    "min": -1,
                    "max": -1,
                    "format": "a@a.a",
                    "name": "familyemail",
                    "input_type": "Text Field",
                    "disabled": false,
                    "onSelected": "check dup if not same as mainmember",
                    "label": "* Family Member Email",
                    "mandatory": true
```

```
                },
                {
                    "min": -1,
                    "max": -1,
                    "format": "00000000",
                    "name": "familymobile",
                    "input_type": "Text Field",
                    "disabled": false,
                    "onSelected": "verify mobile, send otp, show otp, opt
mandatory",
                    "label": "* Hand Phone",
                    "mandatory": false
                },
                {
                    "min": -1,
                    "max": -1,
                    "format": "000000",
                    "name": "otp",
                    "input_type": "Text Field",
                    "disabled": false,
                    "onSelected": "verify mobile, send otp",
                    "label": "* Hand Phone OTP",
                    "mandatory": true
                },
                {
                    "min": -1,
                    "max": -1,
                    "format": "",
                    "name": "sameasaddress",
                    "input_type": "Checkbox",
                    "disabled": false,
                    "onSelected": "show main member address and disable
familypostalcode, familystreetname, familyblock, familyunit",
                    "label": "Address Same as Main Member",
                    "mandatory": false,
                    "info": ""
                },
                {
                    "min": -1,
                    "max": -1,
                    "format": "000000",
                    "name": "familypostalcode",
                    "input_type": "Text Field",
                    "disabled": false,
                    "onSelected": "show streetname, block, unit dropdownlist",
                    "label": "* Postal Code",
                    "mandatory": true
                },
                {
                    "min": -1,
```

```
            "max": -1,
            "format": "",
            "name": "familystreetname",
            "input_type": "Text Field",
            "disabled": true,
            "onSelected": "",
            "label": "* Street Name",
            "mandatory": true
        },
        {
            "min": -1,
            "max": -1,
            "format": "",
            "name": "familyblock",
            "input_type": "Text Field",
            "disabled": true,
            "onSelected": "",
            "label": "* House No. / Block",
            "mandatory": true
        },
        {
            "min": -1,
            "max": -1,
            "format": "#xx-xxx",
            "name": "familyunit",
            "input_type": "Drop Down List",
            "disabled": false,
            "onSelected": "",
            "label": "* Floor - Unit No.",
            "mandatory": true
        },
        {
            "min": -1,
            "answer": [
                {
                    "answer": "Yes",
                    "destination": "",
                    "action": ""
                },
                {
                    "answer": "No",
                    "destination": "",
                    "action": ""
                }
            ],
            "max": -1,
            "format": "",
            "name": "familymessage",
            "input_type": "Radio Button",
            "disabled": false,
```

                    "onSelected": "",
                    "label": "* Receive promotional messages to your hand
phone?",
                    "mandatory": true
                },
                {
                    "min": -1,
                    "answer": [
                        {
                            "answer": "Yes",
                            "destination": "",
                            "action": ""
                        },
                        {
                            "answer": "No",
                            "destination": "",
                            "action": ""
                        }
                    ],
                    "max": -1,
                    "format": "",
                    "name": "familypostalemail",
                    "input_type": "Radio Button",
                    "disabled": false,
                    "onSelected": "",
                    "label": "* Receive promotional postal mail?",
                    "mandatory": true
                },
                {
                    "min": -1,
                    "answer": [
                        {
                            "answer": "Yes",
                            "destination": "",
                            "action": ""
                        },
                        {
                            "answer": "No",
                            "destination": "",
                            "action": ""
                        }
                    ],
                    "max": -1,
                    "format": "",
                    "name": "familypromoemail",
                    "input_type": "Radio button",
                    "disabled": false,
                    "onSelected": "",
                    "label": "* Receive promotional email?",
                    "mandatory": true

```
                }
            ],
            "declarations": "dec"
        }
    ],
    "result_code": "0000"
}
```

Note:
check nric is call checknric api to check dup

show available price in registrationtype is get the price list from getprice api depend on dob

check dup, show confirm email is call checkemail api to check dup and show confirm email field

check same as email is to check the confirm email same as email

verify mobile, send otp, show otp is to call checkmobileapi to check dup and verify otp

show streetname, block, unit dropdownlist is to get address from vendor and show in three field

Spouse show spousedob | Parent show parentdob | Child show childdob is when user choose spouse show spousedob, if user choose parent show parent dob, if user choose child show childdob

show price registrationtype is to show the price list depend on age

show price registrationtype | show sameasemail if age low than 14 is to show the price list depend on age and show the sameasemail checkbox

disable familyemail | show email in familyemail is mark familyemail disabled and show the member email at the familyemail field

check dup if not same as mainmember is if user didnt tick sameasemail then call checkemail api to check email

show main member address and disable familypostalcode, familystreetname, familyblock, familyunit is if user tick, mark all 4 field to disabled, and copy main member addres to those field

show streetname, block, unit dropdownlist is to get address from vendor and show in three field

Submit family detail to tplay API to ask user is existing tplay member, If yes call api and get message at no.36 checktplay

	200
	(server error)
		``
		{
		  "result_code" : "1003",
		  "msg" : "Server Error"
		}
		``

	401
	(Unauthorized request)
		``
		{
		  "error_code":"000",
		  "msg":"Access Denied"
		}
		``

	400
	(Bad Request)
		``
		{
		  "error_code":"001",
		  "msg":"Access Denied"
		}
		``

32. Sign Up Member API

32.1 Overview

The api is to sign up the member and its family member

32.2 Specification

<table>
<tr>
<td>HTTP Request</td>
<td colspan="3">https://{domain_name}/v1/signupmember</td>
</tr>
<tr>
<td rowspan="3">Header Parameters</td>
<td>Key</td>
<td colspan="2">Value</td>
</tr>
<tr>
<td>Authorization</td>
<td colspan="2">string (Bearer {access_token})</td>
</tr>
<tr>
<td>Content-Type</td>
<td colspan="2">string (application/json)</td>
</tr>
<tr>
<td rowspan="2">Request Body</td>
<td>Key</td>
<td>Value</td>
<td>Example</td>
</tr>
<tr>
<td>Raw (application/json)</td>
<td>(string)</td>
<td>

```
{
    "nric":"G3820000A",
    "name":"Ah Beng",
    "gender":"0",
    "dob":"15-08-1991",
    "email":"ahbeng@ahbeng.com",
    "mobile":"88889999",
    "postal":"600123",
    "street":"jurong east street 32",
    "block":"602",
    "unit":"01-111",
    "type":"Associate Membership - 5 Year
(New Registration - PCWF)",
    "message":"0",
    "postalmail":"0",
    "promoemail":"0",
    "megazine":"0",
    "password":"qwerty",
    "family":[
    {
        "familynric":"F1234567W",
        "familygender":"1",
        "familydob":"17-06-1996",
        "familymobile":"98765432",
        "familytype":"Family Membership - 5
Year for Child Aged Below 5 (New
Registration)",
        "familyemail":"ahseng@ahseng.com",
        "familyrelationship":"Spouse",
```

</td>
</tr>
</table>

```
        "familyblock":"602",
        "familyunit":"01-111",
        "familystreet":"jurong east street 32",
        "familypostal":"600123",
        "familyname":"Ah Seng",
        "message":"0",
        "postalmail":"0",
        "promoemail":"0",
        "tplay":""
    },
    {
        "familynric":"F7654321W",
        "familygender":"0",
        "familydob":"17-06-2001",
        "familymobile":"",
        "familytype":"Family Membership - 5
Year for Child Aged Below 5 (New
Registration)",
        "familyemail":"ahgiao@ahgiao.com",
        "familyrelationship":"Child",
        "familyblock":"602",
        "familyunit":"01-111",
        "familystreet":"jurong east street 32",
        "familypostal":"600123",
        "familyname":"Ah Giao",
        "message":"0",
        "postalmail":"0",
        "promoemail":"0",
        "tplay":""
    }
]
}
```

Note:
Dob format is dd-MM-yyyy
Gender 1 = Male 2 = Female
Nric format = X00000X
Mobile format = 00000000
Email format = X@x.x
Postal code format = 000000
Type is registration type get from price api

Tplay is do when user add family to list, then
ask user is exiting tplaymember, if yes then
add his mobile to tplay mobile.

	Status	**Sample Response**

| Response | 200 (Successful response) | ```json
{
    "result_code": "0000",
    "result": {
        "status": "Success",
        "payableprice": 100,
        "id": 12019
    }
}
```

Note:
the id is temp member id for this member
The payable is the price counted in backend and based on selection.
Price = (mainmember price - promotion) + (family - promotion) + (family2 - promotion) + … |
|---|---|---|
| | 200 (Format Error) | ```json
{
    "result_code" : "1000",
    "msg" : "Invalid NRIC Format"
}
``` |
| | 200 (Format Error) | ```json
{
    "result_code" : "1000",
    "msg" : "Invalid Gender"
}
``` |
| | 200 (Format Error) | ```json
{
    "result_code" : "1000",
    "msg" : "Invalid dob Format"
}
``` |
| | 200 (Format Error) | ```json
{
    "result_code" : "1000",
    "msg" : "Invalid email Format"
}
``` |
| | 200 (Format Error) | ```json
{
    "result_code" : "1000",
    "msg" : "Invalid mobile Format"
}
``` |
| | 200 (Format Error) | ```json
{
    "result_code" : "1000",
    "msg" : "Invalid postal Format"
}
``` |
| | 200 (Format Error) | ```json
{
    "result_code" : "1000",
    "msg" : "Invalid street"
}
``` |

	200
	(Format Error)
		{
		    "result_code" : "1000",
		    "msg" : "Invalid block"
		}

	200
	(Format Error)
		{
		    "result_code" : "1000",
		    "msg" : "Invalid unit"
		}

	200
	(Format Error)
		{
		    "result_code" : "1000",
		    "msg" : "Registration type not found"
		}

	200
	(Format Error)
		{
		    "result_code" : "1000",
		    "msg" : "Invalid message"
		}

	200
	(Format Error)
		{
		    "result_code" : "1000",
		    "msg" : "Invalid postalemail"
		}

	200
	(Format Error)
		{
		    "result_code" : "1000",
		    "msg" : "Invalid promoemail"
		}

	200
	(Format Error)
		{
		    "result_code" : "1000",
		    "msg" : "Invalid megazine"
		}

	200
	(server error)
		{
		    "result_code" : "1003",
		    "msg" : "Server Error"
		}

	200
	(Database Error)
		{
		    "result_code" : "1004",
		    "msg" : "Database Error"
		}

	200
	(Parameter empty)
		{
		    "result_code": "1005",
		    "msg": "Missing required parameter data"
		}

	401	{

	(Unauthorized request)	"error_code":"000", "msg":"Access Denied" }

	400
	(Bad Request)
		{
		  "error_code":"001",
		  "msg":"Access Denied"
		}

33. Add member API

33.1 Overview

This API is to add member

33.2 Specification

HTTP Request	https://{domain_name}/v1/addmember		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**

	Raw (application/json)	(string)	{
			"memberID":"73908130-48B4-4F9C-92CE-51A73ACF47AA",
			"price":"60",
			"enetsref":"20210818051422345",
			"familyList": [{
			"type":"family",
			"sameemail":"1",
			"sameaddress":"1",
			"name":"GONE",
			"nric":"G1122333G",
			"gender":"1",
			"relationship":"Child",
			"email":"",
			"dob":"15-08-2008",
			"phone":"88998080",
			"productNumber":"HTMRT000024",
			"block":"",
			"unit":"",
			"street":"",
			"postal":"",
			"commmsg":"0",
			"commpostal":"0",
			"commemail":"0",
			"tplay":"",
			"username":"gone",
			"password":"gone"
			},
			{

"type":"social",
"sameemail":"0",
"sameaddress":"0",
"name":"GTWO",
"nric":"G3334455G",
"gender":"1",
"relationship":"",
"email":"ncw1121@hotmail.com",
"dob":"15-08-2008",
"phone":"88998080",
"productNumber":"HTMRT000086",
"block":"315",
"unit":"08-123",
"street":"jurong east street 32",
"postal":"600315",
"commmsg":"0",
"commpostal":"0",
"commemail":"0",
"tplay":"",
"username":"gtwo",
"password":"gtwo"
}]
}

Note:
Price = social - promotion + family - promotion
Enetsref : 17 digit
Type: family/social
Sameemail : 0 or 1 (1 only for child under 14)
Sameaddress: 0 or 1 (1 only for child under 14)
Nric : X0000000X
Gender 0 = male 1 = female
Relationship : Spouse/Parent/Child (social no relationship)
Dob : dd-MM-yyyy
ProductNumber: productNumber from registration type list
Email : if same email is 1, email can be empty
If same email is 0, email is mandatory
block/unit/street/postal : if same address is 1, all field can be empty, if same address is 0, all field is mandatory

Commmsg 0 or 1
Commpostal 0 or 1
Commemail 0 or 1

Tplay is do when user add family to list, then ask user is exiting tplaymember, if yes then add his mobile to tplay mobile.

	Status	Sample Response
Response	200	

| | (Successful response) | <pre>{
    "result_code": "0000",
    "result": {
        "invoiceId": "6F885372-F085-4A12-80FB-7BB1AFEB558C",
        "status": "Success",
        "registrationId": [
            "108",
            "109"
        ]
    }
}</pre> |
|---|---|---|
| | 200 (server error) | <pre>{
    "result_code" : "1003",
    "msg" : "Server Error"
}</pre> |
| | 200 (Database Error) | <pre>{
    "result_code" : "1004",
    "msg" : "Database Error"
}</pre> |
| | 200 (Parameter empty) | <pre>{
    "result_code": "1005",
    "msg": "Missing required parameter data"
}</pre> |
| | 200 (Member ID empty) | <pre>{
    "result_code": "1001",
    "msg": "Invalid memberID"
}</pre> |
| | 200 (Member ID not found) | <pre>{
    "result_code": "1001",
    "msg": "Main member not found"
}</pre> |
| | 200 (Enetsref format error) | <pre>{
    "result_code": "1001",
    "msg": "Invalid enetsref format"
}</pre> |
| | 200 | <pre>{
    "result_code": "1001",
    "msg": "Invalid type"
}</pre> |
| | 200 | <pre>{
    "result_code": "1001",
    "msg": "Invalid sameemail"
}</pre> |

	200	`{`
		   `"result_code": "1001",`
		   `"msg": "Invalid sameaddress"`
		`}`

	200	`{`
		   `"result_code": "1001",`
		   `"msg": "Invalid NRIC format"`
		`}`

	200	`{`
		   `"result_code": "1001",`
		   `"msg": "Invalid Gender"`
		`}`

	200	`{`
		   `"result_code": "1001",`
		   `"msg": "Invalid Relationship"`
		`}`

	200	`{`
		   `"result_code": "1001",`
		   `"msg": "Invalid email format"`
		`}`

	200	`{`
		   `"result_code": "1001",`
		   `"msg": "Invalid dob format"`
		`}`

	200	`{`
		   `"result_code": "1001",`
		   `"msg": "Invalid mobile format"`
		`}`

	200	`{`
		   `"result_code": "1001",`
		   `"msg": "Membership not found"`
		`}`

	200	`{`
		   `"result_code": "1001",`
		   `"msg": "Invalid block"`
		`}`

	200	`{`
		   `"result_code": "1001",`
		   `"msg": "Invalid unit"`
		`}`

	200	`{`

		"result_code": "1001", "msg": "Invalid street" }

	200	{
		  "result_code": "1001",
		"msg": "Invalid postal format"
		}

	200	{
		  "result_code": "1001",
		"msg": "Invalid message"
		}

	200	{
		  "result_code": "1001",
		"msg": "Invalid postalemail"
		}

	200	{
		  "result_code": "1001",
		"msg": "Invalid promoemail"
		}

	200	{
		  "result_code": "1001",
		"msg": "Price not match"
		}

	401
	(Unauthorized request)
		{
		"error_code":"000",
		"msg":"Access Denied"
		}

	400
	(Bad Request)
		{
		"error_code":"001",
		"msg":"Access Denied"
		}

34. Get Transaction History API

34.1 Overview

Get transaction history by memberid and filters

34.2 Specification

HTTP Request	https://{domain_name}/v1/gettransactionhistory		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**
	memberId	String	xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx
	invoice	String	XXXX00000000 Note: Can be empty
	paymentStatus	String	1 Note: 1 = success 2 = fail 3 = pending_payment 4 = pending_enets Can be empty
	pageno	int	1
	itemperpage	int	10
	datefrom	String	dd-MM-yyyy
	dateto	String	dd-MM-yyyy
Response	**Status**	**Sample Response**	

	200
	(Successful response)
		{
		  "result_code": "0000",
		  "result": [
		    {
		      "invoiceId": "A65B7D52-BF0A-4698-B3A6-290FA879492F",
		      "invoiceNo": "NS50-4-250163",	

```
              "invoiceDate": "05-10-2017 11:23:13",
              "amount": "10.0",
              "paymentStatus": "Success",
              "description": "Ordinary Mship - 4 Year (NS50) Renew"
          },
          {
              "invoiceId": "74557B61-F865-473A-AFA8-4C35891946A1",
              "merchantRef": "20210116134807711",
              "invoiceNo": "HTNS00024293",
              "invoiceDate": "16-01-2021 13:48:07",
              "amount": "50.0",
              "paymentStatus": "Success",
              "description": "XXXXX104G - MBS - Ordinary Membership - 2
Year Renewal"
          },
          {
              "invoiceId": "F3AFE023-5949-4119-A364-4023A882727C",
              "invoiceNo": "PINV00253799",
              "invoiceDate": "02-12-2019 17:57:14",
              "amount": "0.0",
              "paymentStatus": "Success",
              "description": "MBS-(NEW) $0 WIVES PROMO - 2-YEAR
FAMILY MEMBERSHIP"
          },
          {
              "invoiceId": "50A4C305-B1D8-4983-A9D9-000075051D6E",
              "invoiceNo": "PINV00278459",
              "invoiceDate": "23-01-2021 11:18:58",
              "amount": "14.0",
              "paymentStatus": "Success",
              "description": "KT - T-PLAY HTNS FAM MEMBER\nKT - T-PLAY
SOCKS"
          }
      ]
}
```

	200 (server error)	`{ "result_code" : "1003", "msg" : "Server Error" }`
	200 (Database Error)	`{ "result_code" : "1004", "msg" : "Database Error - Unable to find this record." }`
	200 (Parameter empty)	`{ "result_code": "1005", "msg": "Missing required parameter data" }`

		}

	401
	(Unauthorized
	request)
		{
		  "error_code":"000",
		  "msg":"Access Denied"
		}

	400
	(Bad Request)
		{
		  "error_code":"001",
		  "msg":"Access Denied"
		}

35. Pay Membership Sign Up API

35.1 Overview

To make payment for membership sign up

35.2 Specification

HTTP Request	https://{domain_name}/v1/paymembershipsignup		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**
	registrationId	int	Get from 32. Sign Up Member API
	onlinePaymentReference	String	20210804160517548
Response	**Status**	**Sample Response**	

	200 (Successful response)	{
		  "result_code": "0000",
		  "result": {
		    "memberID": "667FE45C-6A03-477A-A2D8-DFAD2C97305D",
		    "status": "Success"
		  }
		}	

	200 (server error)	{
		  "result_code" : "1003",
		  "msg" : "Server Error"
		}	

	200 (Database Error)	{
		  "result_code" : "1004",
		  "msg" : "Database Error - Unable to find this record."
		}	

	200 (Parameter	{ "result_code": "1005",	

	empty)	"msg": "Missing required parameter data" }

	401
	 (Unauthorized
	 request)
		{
		    "error_code":"000",
		    "msg":"Access Denied"
		 }

	400
	 (Bad Request)
		{
		    "error_code":"001",
		    "msg":"Access Denied"
		 }

36. Replacement Card API

36.1 Overview

To allow member to make card replacement

36.2 Specification

HTTP Request	https://{domain_name}/v1/replacementcard		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**

	Raw (application/json)	(string)	{
			    "type":"1",
			    "name":"LEO",
			    "nric":"G3825469W",
			    "email":"leo.nam@techstudio.com.sg",
			    "mobile":"86840926",
			    "postal":"600315",
			    "street":"jurong east street 32",
			    "block":"315",
			    "unit":"01-123",
			    "can":"1029384756473829",
			    "est":"120",
			    "recoveryOption":"1",
			    "accountName":"aaa",
			    "accountNumber":"098765",
			    "bank":"POSB",
			    "ezlinkNumber":"0987654321234567",
			"memberId":"D7ED92BE-B2E8-4A1A-B52B-FFFFE0B306F8",
			    "membership":"Associate Membership"
			}
			
			Note:
			Type 0 = lost card (Physical)
			Type 1 = lost card (E-card)
			Type 2 = faulty card
			
			Can number can be empty

			Estimate cost can be empty Recovery Option 0 = no option Recovery Option 1 = Transfer to Bank Account Recovery Option 2 = Transfer to another (Adult) EZ-Link Card Option 1 AccountName, accountNumber, bank is mandatory Option 2 EzlinkNumber is mandatory Bank - DBS/POSB
Response	**Status**		**Sample Response**

	200
	(Successful response)
			{
			  "result": "Success",
			  "result_code": "0000"
			}

	200
	(server error)
			{
			  "result_code" : "1003",
			  "msg" : "Server Error"
			}

	200
	(Database Error)
			{
			  "result_code" : "1004",
			  "msg" : "Database Error - Unable to find this record."
			}

	200
	(Parameter empty)
			{
			  "result_code": "1005",
			  "msg": "Missing required parameter data"
			}

	401
	(Unauthorized request)
			{
			  "error_code":"000",
			  "msg":"Access Denied"
			}

	400
	(Bad Request)
			{
			  "error_code":"001",
			  "msg":"Access Denied"
			}

37. Check NRIC Eligible for Renew API

37.1 Overview

Check the nric eligible and get product list for renew.

37.2 Specification

HTTP Request	https://{domain_name}/v1/checkrenewnric		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**
	nric	(string)	A1234567B
Response	**Status**	**Sample Response**	

	200 (Successful response)	{
		  "result_code": "0000",
		  "result": {
		    "name": "LEO",
		    "membershipType": "Associate Membership",
		    "registrationType": "Associate Membership - 10 Year (New Registration)",
		    "expiryDate": "31-08-2031 ",
		    "productList": [
		      {
		        "productnumber": "HTMRT000008",
		        "productprice": 50,
		        "productname": "MBS - Associate Membership - 2 Year Renewal"
		      },
		      {
		        "productnumber": "TEST111111",
		        "productprice": 40,
		        "productname": "MBS - Testing Facility Membership Product"
		      },
		      {
		        "productnumber": "HTMRT000010",
		        "productprice": 100,
		        "productname": "MBS - Associate Membership - 5 Year	

		Renewal"
		      },
		      {
		         "productnumber": "HTMRT000006",
		         "productprice": 150,
		         "productname": "MBS - Associate Membership - 10 Year
		Renewal"
		      }
		   ]
		 }
		}

	200
	(server error)
		{
		  "result_code" : "1003",
		  "msg" : "Server Error"
		}

	200
	(Database
	Error)
		{
		  "result_code" : "1004",
		  "msg" : "Database Error - Unable to find this record."
		}

	200
	(Parameter
	empty)
		{
		  "result_code": "1005",
		  "msg": "Missing required parameter data"
		}

	401
	(Unauthorized
	request)
		{
		  "error_code":"000",
		  "msg":"Access Denied"
		}

	400
	(Bad Request)
		{
		  "error_code":"001",
		  "msg":"Access Denied"
		}

38. Check Promotion for Renew API

38.1 Overview

Check the promotion and get the price for renewal.

38.2 Specification

<table>
<tr><td>HTTP Request</td><td colspan="3">https://{domain_name}/v1/checkrenewpromotion</td></tr>
<tr><td rowspan="3">Header Parameters</td><td>Key</td><td colspan="2">Value</td></tr>
<tr><td>Authorization</td><td colspan="2">string (Bearer {access_token})</td></tr>
<tr><td>Content-Type</td><td colspan="2">string (application/json)</td></tr>
<tr><td rowspan="2">Request Body</td><td>Key</td><td>Value</td><td>Example</td></tr>
<tr><td>Raw (application/json)</td><td>(string)</td><td>{
    "productNumber":"HTMRT000006",
    "nric":"G3825469W",
    "newExpiryDate":"31-08-2031",

"memberlist":[{"nric":"G1111111G"},{"nric":"A1111111A"}]
}

Note:
productNumber get from api #37
newExpiryDate get from api #37

Memberlist is all member nric from multiple renew</td></tr>
<tr><td rowspan="2">Response</td><td>Status</td><td colspan="2">Sample Response</td></tr>
<tr><td>200
(Successful response)</td><td colspan="2">{
  "result_code": "0000",
  "result": {
    "itemPrice": "140.19",
    "gstPrice": "9.81",
    "totalPrice": "150.00",
    "newExpiryDateStr": "31-08-2041 ",
    "allow": true,
    "promotionId": 0,
    "message": "",</td></tr>
</table>

		"isTPlayAvailable": false, "tplayNric": "", "tplayMobile": "", "tplayDob": "", "tplayRegType": "" } } Note: Allow is means the member is available to renew Message is to show the message to user when check eligible

	200
	(server error)
		{
		  "result_code" : "1003",
		  "msg" : "Server Error"
		}

	200
	(Database
	Error)
		{
		  "result_code" : "1004",
		  "msg" : "Database Error - Unable to find this record."
		}

	200
	(Parameter
	empty)
		{
		  "result_code": "1005",
		  "msg": "Missing required parameter data"
		}

	401
	(Unauthorized
	request)
		{
		  "error_code":"000",
		  "msg":"Access Denied"
		}

	400
	(Bad Request)
		{
		  "error_code":"001",
		  "msg":"Access Denied"
		}

39. Renew Membership API

39.1 Overview

This API is to process user renewal.

39.2 Specification

HTTP Request	https://{domain_name}/v1/renew		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**

	Raw (application/json)	(string)	{
			
			"memberID":"73908130-48B4-4F9C-92CE-51A73ACF47AA",
			        "price":"150",
			        "enetsref":"20210820163701567",
			        "renewlist":[{
			                "nric":"G3825469W",
			
			"productnumber":"HTMRT000006",
			                "productprice":150,
			                "promocode":"",
			                "promotionId":0,
			                "tplay":""
			        }]
			}
			
			Note:
			memberID is current login memberid
			productprice get from api #38
			Enetsref format = 17 digit
			productnumber get from api #37
			Promocode is future use, leave empty
			promotionId get from api #38
			Tplay get from api #38 when isTplay = true

	Status	**Sample Response**	

Response	200
	(Successful response)
		{
		  "result": "Success",
		  "result_code": "0000"
		}

	200
	(server error)
		{
		  "result_code" : "1003",
		  "msg" : "Server Error"
		}

	200
	(Database Error)
		{
		  "result_code" : "1004",
		  "msg" : "Database Error - Unable to find this record."
		}

	200
	(Parameter empty)
		{
		  "result_code": "1005",
		  "msg": "Missing required parameter data"
		}

	401
	(Unauthorized request)
		{
		  "error_code":"000",
		  "msg":"Access Denied"
		}

	400
	(Bad Request)
		{
		  "error_code":"001",
		  "msg":"Access Denied"
		}

40. Add Transaction API (CRM)

40.1 Overview

This API is to add villa/facility transactions to the transaction list.

40.2 Specification

HTTP Request	https://{domain_name}/v1/addtransactioncrm		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**

	Raw (application/json)	(string)	{
			
			"memberID":"73908130-48B4-4F9C-92CE-51A73ACF47AA",
			        "price":"150",
			        "enetsref":"20210820163701567",
			    "prefixType":"villa",
			    "productlist":
			    [
			        {
			
			"productname":"Product 1",
			                        "productprice":20.00
			        },
			    {
			        "productname":"Product 2",
			        "productprice":40.00
			    }
			    ]
			}
			
			Note:
			Enetsref format : 17 digits
			prefixType : villa/facility

	Status	Sample Response

Response	200 (Successful response)	{
		   "result": "Add transaction successfully with price : 655.0",
		   "result_code": "0000"
		 }

	200 (Successful response)	{
		   "msg": "Invalid memberID",
		   "result_code": "1000"
		 }

	200 (Successful response)	{
		   "msg": "Main member not found",
		   "result_code": "1000"
		 }

	200 (Successful response)	{
		   "msg": "Invalid enetsref format",
		   "result_code": "1000"
		 }

	200 (Successful response)	{
		   "msg": "Invalid prefix Type",
		   "result_code": "1000"
		 }

	200 (Successful response)	{
		   "msg": "Product not found : 1819/08- 013",
		   "result_code": "1000"
		 }

	200 (Successful response)	{
		   "msg": "Price not match",
		   "result_code": "1000"
		 }

	200 (server error)	{
		   "result_code" : "1003",
		   "msg" : "Server Error"
		 }

	200 (Database Error)	{
		   "result_code" : "1004",
		   "msg" : "Database Error - Unable to find this record."
		 }

	200 (Parameter empty)	{
		   "result_code": "1005",
		   "msg": "Missing required parameter data"
		 }

	401
	(Unauthorized request)
		{
		  "error_code":"000",
		  "msg":"Access Denied"
		}

	400
	(Bad Request)
		{
		  "error_code":"001",
		  "msg":"Access Denied"
		}

41. Check Username Unique API (CRM)

41.1 Overview

This API is to allow the user to check the unique for username.

41.2 Specification

HTTP Request	https://{domain_name}/v1/checkusernameunique		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**
	username	(string)	testusername Note: Not allowed for full digit username
Response	**Status**	**Sample Response**	

	200
	(Successful response)
		{
		  "result": "true",
		  "result_code": "0000"
		}	

	200
	(Successful response)
		{
		  "msg": "Invalid username format",
		  "result_code": "1000"
		}	

	200
	(server error)
		{
		  "result_code" : "1003",
		  "msg" : "Server Error"
		}	

	200
	(Parameter empty)
		{
		  "error_code": "003",
		  "error": "Bad Request - Parameter Missing"
		}	

	401 (Unauthorized	{ "error_code":"000",	

	request)	"msg":"Access Denied" }

	400
	 (Bad Request)
		{
		   "error_code":"001",
		   "msg":"Access Denied"
		 }

42. Membership Validation API (CRM)

42.1 Overview

This API is to check the membership validation

42.2 Specification

HTTP Request	https://{domain_name}/v1/membershipvalidation		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**
	Raw (application/json)	(string)	{ "user_info":{ "postal":"423687", "mobile":"88888888", "email":"email@email.com", "dob":"2010-02-03", "nricLast4":"111G" } } Note: All 4 field is mandatory Only check db for main member and family member Postal format : ###### Mobile format : ######## Email format : EE@EE.EE Dob format : yyyy-MM-dd nricLast4 : ###E
Response	**Status**	**Sample Response**	
	200 (Successful response)	{ "result": [{ "type": "mainmember", "memberId": "59482358-0EFD-46C0-A0F0-F229C36F4B66" }], "result_code": "0000" }	

	200
	(Successful
	response)
		{
		  "msg": "Member not found",
		  "result_code": "1000"
		}	

	200
	(server error)
		{
		  "result_code" : "1003",
		  "msg" : "Server Error"
		}	

	200
	(Parameter
	empty)
		{
		  "result_code": "1005",
		  "msg": "Missing required parameter data"
		}	

	401
	(Unauthorized
	request)
		{
		  "error_code":"000",
		  "msg":"Access Denied"
		}	

	400
	(Bad Request)
		{
		  "error_code":"001",
		  "msg":"Access Denied"
		}	

43. Update Username Password API (CRM)

43.1 Overview

This API is to update the username and password

43.2 Specification

<table>
<tr>
<td colspan="2">HTTP Request</td>
<td colspan="3">https://{domain_name}/v1/updateusernamepassword</td>
</tr>
<tr>
<td rowspan="3">Header Parameters</td>
<td>Key</td>
<td colspan="3">Value</td>
</tr>
<tr>
<td>Authorization</td>
<td colspan="3">string (Bearer {access_token})</td>
</tr>
<tr>
<td>Content-Type</td>
<td colspan="3">string (application/json)</td>
</tr>
<tr>
<td rowspan="3">Request Body</td>
<td>Key</td>
<td>Value</td>
<td colspan="2">Example</td>
</tr>
<tr>
<td>Raw (application/json)</td>
<td>(string)</td>
<td colspan="2">

```
{
  "user_info":{
    "username":"",
    "password":"1",

"memberId":"E5D13F09-7D16-4E04-9289-AC
2CADBA4F11"
  }
}
```

Note:
Username and password can be empty.
memberId can be guestid, main member id, family id and affiliate id
</td>
</tr>
<tr>
<td rowspan="3">Response</td>
<td>Status</td>
<td colspan="3">Sample Response</td>
</tr>
<tr>
<td>200 (Successful response)</td>
<td colspan="3">

```
{
  "result": "success",
  "result_code": "0000"
}
```
</td>
</tr>
<tr>
<td>200 (Successful response)</td>
<td colspan="3">

```
{
  "msg": "Main member not found",
  "result_code": "1000"
}
```
</td>
</tr>
</table>

	200
	(server error)
		{
		  "result_code" : "1003",
		  "msg" : "Server Error"
		}

	200
	(Parameter empty)
		{
		  "result_code": "1005",
		  "msg": "Missing required parameter data"
		}

	401
	(Unauthorized request)
		{
		  "error_code":"000",
		  "msg":"Access Denied"
		}

	400
	(Bad Request)
		{
		  "error_code":"001",
		  "msg":"Access Denied"
		}

44. Retrieve Username API (CRM)

44.1 Overview

This API is to retrieve username by given info.

44.2 Specification

HTTP Request	https://{domain_name}/v1/retrieveusername		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**

	Raw (application/json)	(string)	{
			  "user_info":{
			    "postal":"",
			    "mobile":"86840926",
			    "email":"leo.nam@techstudio.com.sg",
			    "dob":"1991-08-15",
			    "nricLast4":"469I"
			  }
			}
			
			Note:
			Dob format : yyyy-MM-dd

Response	**Status**	**Sample Response**	

	200 (Successful response)	{
		  "result": [
		    {
		      "username": "leo12345"
		    }
		  ],
		  "result_code": "0000"
		}	

	200 (Successful response)	{
		  "msg": "Member not found",
		  "result_code": "1000"
		}	

	200 (server error)	```
		{
		    "result_code" : "1003",
		    "msg" : "Server Error"
		}
		``

	200 (Parameter empty)	```
		{
		    "result_code": "1005",
		    "msg": "Missing required parameter data"
		}
		``

	401 (Unauthorized request)	```
		{
		    "error_code":"000",
		    "msg":"Access Denied"
		}
		``

	400 (Bad Request)	```
		{
		    "error_code":"001",
		    "msg":"Access Denied"
		}
		``

45. Get Member By Type API (CRM)

45.1 Overview

This API is to get all memberid list by type

45.2 Specification

<table>
<tr>
<td>HTTP Request</td>
<td colspan="3">https://{domain_name}/v1/getmemberidbytype</td>
</tr>
<tr>
<td rowspan="3">Header Parameters</td>
<td>Key</td>
<td colspan="2">Value</td>
</tr>
<tr>
<td>Authorization</td>
<td colspan="2">string (Bearer {access_token})</td>
</tr>
<tr>
<td>Content-Type</td>
<td colspan="2">string (application/json)</td>
</tr>
<tr>
<td rowspan="4">Request Body</td>
<td>Key</td>
<td>Value</td>
<td>Example</td>
</tr>
<tr>
<td>type</td>
<td>(string)</td>
<td>Family Membership / Associate Membership</td>
</tr>
<tr>
<td>pageno</td>
<td>int</td>
<td>1</td>
</tr>
<tr>
<td>itemperpage</td>
<td>int</td>
<td>5</td>
</tr>
<tr>
<td rowspan="4">Response</td>
<td>Status</td>
<td colspan="2">Sample Response</td>
</tr>
<tr>
<td>200
(Successful response)</td>
<td colspan="2">
<pre>
{
   "result": [
     "D192AB11-BBF9-4ECE-A6E5-0FB3BA8DC49E",
     "C910B385-AF2B-4DF3-B7DC-1014FA2E2B23",
     "B93DC802-7F1E-4941-B604-11218F000599",
     "11DB51E1-2857-4E41-B9E6-11702C28871A",
     "AE6CE3F9-9881-4C74-A45C-1210FCE143D9"
   ],
   "total": 1481,
   "result_code": "0000"
}
</pre>
</td>
</tr>
<tr>
<td>200
(server error)</td>
<td colspan="2">
<pre>
{
   "result_code" : "1003",
   "msg" : "Server Error"
}
</pre>
</td>
</tr>
<tr>
<td>200
(Parameter empty)</td>
<td colspan="2">
<pre>
{
   "result_code": "1005",
   "msg": "Missing required parameter data"
}
</pre>
</td>
</tr>
</table>

	401
	(Unauthorized request)
		{
		  "error_code":"000",
		  "msg":"Access Denied"
		}

	400
	(Bad Request)
		{
		  "error_code":"001",
		  "msg":"Access Denied"
		}

46. Get Member By Expiry Duration API (CRM)

46.1 Overview

This API is to get all Member id by expiry duration

46.2 Specification

HTTP Request	https://{domain_name}/v1/getmemberidbyexpiryduration		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**
	type	(string)	Family Membership / Associate Membership
	pageno	int	1
	itemperpage	int	5
	frommonth	int	12
	tomonth	int	24
Response	**Status**	**Sample Response**	

	200 (Successful response)	{
		  "result": [
		    "D192AB11-BBF9-4ECE-A6E5-0FB3BA8DC49E",
		    "C910B385-AF2B-4DF3-B7DC-1014FA2E2B23",
		    "B93DC802-7F1E-4941-B604-11218F000599",
		    "11DB51E1-2857-4E41-B9E6-11702C28871A",
		    "AE6CE3F9-9881-4C74-A45C-1210FCE143D9"
		  ],
		  "total": 1481,
		  "result_code": "0000"
		}	

	200 (server error)	{
		  "result_code" : "1003",
		  "msg" : "Server Error"
		}	

	200
	(Parameter empty)
		``
		{
		  "result_code": "1005",
		  "msg": "Missing required parameter data"
		}
		``

	401
	(Unauthorized request)
		``
		{
		  "error_code":"000",
		  "msg":"Access Denied"
		}
		``

	400
	(Bad Request)
		``
		{
		  "error_code":"001",
		  "msg":"Access Denied"
		}
		``

47. Add Member Pay (CRM)

47.1 Overview

This API is to make added family member as paid

47.2 Specification

HTTP Request	https://{domain_name}/v1/addmemberpay		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**

	Raw (application/json)	(string)	{
			    "idList": [
			    "106",
			    "107"
			    ],
			    "invoice": "5F8AC86E-4A23-482A-AAE6-C031C6F5D01C",
			    "enetsref": "83847465737383747"
			 }
			
			 Notes:
			 idList get from api no.33 registrationId
			 Invoice get from api no.33 invoiceId

Response	**Status**	**Sample Response**	

	200 (Successful response)	{
		    "result": "Success",
		    "result_code": "0000"
		 }	

	200 (server error)	{
		    "result_code" : "1003",
		    "msg" : "Server Error"
		 }	

	200 (Parameter	{ "result_code": "1005",	

	empty)	"msg": "Missing required parameter data" }

	401
	(Unauthorized
	request)
		{
		  "error_code":"000",
		  "msg":"Access Denied"
		}

	400
	(Bad Request)
		{
		  "error_code":"001",
		  "msg":"Access Denied"
		}

48. Add member check price API

48.1 Overview

This API is to check price

48.2 Specification

HTTP Request		https://{domain_name}/v1/addmembercheckprice	
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**
	Raw (application/json)	(string)	{ "memberID":"73908130-48B4-4F9C-92CE-51A73ACF47AA", "price":"60", "enetsref":"20210818051422345", "familyList": [{ "type":"family", "sameemail":"1", "sameaddress":"1", "name":"GONE", "nric":"G1122333G", "gender":"1", "relationship":"Child", "email":"", "dob":"15-08-2008", "phone":"88998080", "productNumber":"HTMRT000024", "block":"", "unit":"", "street":"", "postal":"", "commmsg":"0", "commpostal":"0", "commemail":"0", "tplay":"" }, { "type":"social", "sameemail":"0",

			"sameaddress":"0", "name":"GTWO", "nric":"G3334455G", "gender":"1", "relationship":"", "email":"ncw1121@hotmail.com", "dob":"15-08-2008", "phone":"88998080", "productNumber":"HTMRT000086", "block":"315", "unit":"08-123", "street":"jurong east street 32", "postal":"600315", "commmsg":"0", "commpostal":"0", "commemail":"0", "tplay":"" }] } Note: Price = social - promotion + family - promotion Enetsref : 17 digit Type: family/social Sameemail : 0 or 1 (1 only for child under 14) Sameaddress: 0 or 1 (1 only for child under 14) Nric : X0000000X Gender 0 = male 1 = female Relationship : Spouse/Parent/Child (social no relationship) Dob : dd-MM-yyyy ProductNumber: productNumber from registration type list Email : if same email is 1, email can be empty If same email is 0, email is mandatory block/unit/street/postal : if same address is 1, all field can be empty, if same address is 0, all field is mandatory Commmsg 0 or 1 Commpostal 0 or 1 Commemail 0 or 1 Tplay is do when user add family to list, then ask user is exiting tplaymember, if yes then add his mobile to tplay mobile.

	Status	Sample Response	

Response	200
	(Successful response)
		{
		  "price": 60,
		  "result_code": "0000"
		}	

	200
	(server error)
		{
		  "result_code" : "1003",
		  "msg" : "Server Error"
		}

	200
	(Database Error)
		{
		  "result_code" : "1004",
		  "msg" : "Database Error"
		}

	200
	(Parameter empty)
		{
		  "result_code": "1005",
		  "msg": "Missing required parameter data"
		}

	200
	(Member ID empty)
		{
		  "result_code": "1001",
		  "msg": "Invalid memberID"
		}

	200
	(Member ID not found)
		{
		  "result_code": "1001",
		  "msg": "Main member not found"
		}

	200
	(Enetsref format error)
		{
		  "result_code": "1001",
		  "msg": "Invalid enetsref format"
		}

	200	{
		  "result_code": "1001",
		  "msg": "Invalid type"
		}

	200	{
		  "result_code": "1001",
		  "msg": "Invalid sameemail"
		}

	200	{
		  "result_code": "1001",
		  "msg": "Invalid sameaddress"
		}

	200	{
		  "result_code": "1001",
		  "msg": "Invalid NRIC format"
		}

	200	{

		`"result_code": "1001",`
		`"msg": "Invalid Gender"`
		`}`

	200	`{`
		`"result_code": "1001",`
		`"msg": "Invalid Relationship"`
		`}`

	200	`{`
		`"result_code": "1001",`
		`"msg": "Invalid email format"`
		`}`

	200	`{`
		`"result_code": "1001",`
		`"msg": "Invalid dob format"`
		`}`

	200	`{`
		`"result_code": "1001",`
		`"msg": "Invalid mobile format"`
		`}`

	200	`{`
		`"result_code": "1001",`
		`"msg": "Membership not found"`
		`}`

	200	`{`
		`"result_code": "1001",`
		`"msg": "Invalid block"`
		`}`

	200	`{`
		`"result_code": "1001",`
		`"msg": "Invalid unit"`
		`}`

	200	`{`
		`"result_code": "1001",`
		`"msg": "Invalid street"`
		`}`

	200	`{`
		`"result_code": "1001",`
		`"msg": "Invalid postal format"`
		`}`

	200	`{` `"result_code": "1001",`

		"msg": "Invalid message" }

	200	{
		  "result_code": "1001",
		  "msg": "Invalid postalemail"
		}

	200	{
		  "result_code": "1001",
		  "msg": "Invalid promoemail"
		}

	200	{
		  "result_code": "1001",
		  "msg": "Price not match"
		}

	401
	(Unauthorized request)
		{
		  "error_code":"000",
		  "msg":"Access Denied"
		}

	400
	(Bad Request)
		{
		  "error_code":"001",
		  "msg":"Access Denied"
		}

49. Get Member ID By Username And DOB API

49.1 Overview

This API is to get the memberid by username and dob

49.2 Specification

<table>
<tr>
<td>HTTP Request</td>
<td colspan="3">https://{domain_name}/v1/get_memberid_by_username_dob</td>
</tr>
<tr>
<td rowspan="3">Header Parameters</td>
<td>Key</td>
<td colspan="2">Value</td>
</tr>
<tr>
<td>Authorization</td>
<td colspan="2">string (Bearer {access_token})</td>
</tr>
<tr>
<td>Content-Type</td>
<td colspan="2">string (application/json)</td>
</tr>
<tr>
<td rowspan="2">Request Body</td>
<td>Key</td>
<td>Value</td>
<td>Example</td>
</tr>
<tr>
<td>Raw (application/json)</td>
<td>(string)</td>
<td>
{
  "user_info":{
    "username":"main",
    "dob":"15-08-1991"
  }
}
</td>
</tr>
<tr>
<td rowspan="3">Response</td>
<td>Status</td>
<td colspan="2">Sample Response</td>
</tr>
<tr>
<td>200 (Successful response)</td>
<td colspan="2">
{
  "result_code": "0000",
  "result": [
    {
      "id": "59482358-0EFD-46C0-A0F0-F229C36F4B66",
      "type": "main"
    },
    {
      "id": "59482358-0EFD-46C0-A0F0-F229C36F4B66",
      "type": "family"
    }
  ]
}

Type = main, family, affiliate, guest
</td>
</tr>
<tr>
<td>200 (server error)</td>
<td colspan="2">
{
  "result_code" : "1003",
  "msg" : "Server Error"
}
</td>
</tr>
</table>

	200
	(Database
	Error)
		{
		  "result_code" : "1004",
		  "msg" : "Database Error"
		}

	200
	(Parameter
	empty)
		{
		  "result_code": "1005",
		  "msg": "Missing required parameter data"
		}

	200
	(Member ID
	empty)
		{
		  "result_code": "1001",
		  "msg": "Invalid memberID"
		}

	200	{
		  "result_code": "1001",
		  "msg": "Invalid dob format"
		}

	401
	(Unauthorized
	request)
		{
		  "error_code":"000",
		  "msg":"Access Denied"
		}

	400
	(Bad Request)
		{
		  "error_code":"001",
		  "msg":"Access Denied"
		}

50. Mark Email Verified API

50.1 Overview

This API is to mark the email to verified

50.2 Specification

HTTP Request	https://{domain_name}/v1/mark_email_verified		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**

	Raw (application/json)	(string)	{
			  "user_info":{
			"memberID":"57C32653-D84D-47E5-AC63-89271ACD4061"
			  }
			}

Response	**Status**	**Sample Response**	

	200 (Successful response)	{
		  "result": "Email Verified",
		  "result_code": "0000"
		}	

	200 (server error)	{
		  "result_code" : "1003",
		  "msg" : "Server Error"
		}	

	200 (Database Error)	{
		  "result_code" : "1004",
		  "msg" : "Database Error"
		}	

	200 (Parameter empty)	{
		  "result_code": "1005",
		  "msg": "Missing required parameter data"
		}	

	200	{	

	(Member ID empty)	"result_code": "1001", "msg": "Invalid memberID" }

	200	{
		  "result_code": "1001",
		"msg": "Invalid dob format"
		}

	401
	(Unauthorized request)
		{
		  "error_code":"000",
		"msg":"Access Denied"
		}

	400
	(Bad Request)
		{
		  "error_code":"001",
		"msg":"Access Denied"
		}

51. Sign Up Member Check Price API

51.1 Overview

The api is to check the price when sign up member

51.2 Specification

HTTP Request	https://{domain_name}/v1/signupmembercheckprice		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**

	Raw (application/json)	(string)	{
			  "nric":"G3820000A",
			  "name":"Ah Beng",
			  "gender":"0",
			  "dob":"15-08-1991",
			  "email":"ahbeng@ahbeng.com",
			  "mobile":"88889999",
			  "postal":"600123",
			  "street":"jurong east street 32",
			  "block":"602",
			  "unit":"01-111",
			  "type":"Associate Membership - 5 Year (New Registration - PCWF)",
			  "message":"0",
			  "postalmail":"0",
			  "promoemail":"0",
			  "megazine":"0",
			  "password":"qwerty",
			  "username":"ahbeng",
			  "family":[
			  {
			    "familynric":"F1234567W",
			    "familygender":"1",
			    "familydob":"17-06-1996",
			    "familymobile":"98765432",
			    "familytype":"Family Membership - 5 Year for Child Aged Below 5 (New Registration)",
			    "familyemail":"ahseng@ahseng.com",

			"familyrelationship":"Spouse",
			"familyblock":"602",
			"familyunit":"01-111",
			"familystreet":"jurong east street 32",
			"familypostal":"600123",
			"familyname":"Ah Seng",
			"message":"0",
			"postalmail":"0",
			"promoemail":"0",
			"tplay":"",
			"username":"ahgiao",
			"password":"ahgiao"
			},
			{
			"familynric":"F7654321W",
			"familygender":"0",
			"familydob":"17-06-2001",
			"familymobile":"",
			"familytype":"Family Membership - 5 Year for Child Aged Below 5 (New Registration)",
			"familyemail":"ahgiao@ahgiao.com",
			"familyrelationship":"Child",
			"familyblock":"602",
			"familyunit":"01-111",
			"familystreet":"jurong east street 32",
			"familypostal":"600123",
			"familyname":"Ah Giao",
			"message":"0",
			"postalmail":"0",
			"promoemail":"0",
			"tplay":"",
			"username":"ahseng",
			"password":"ahseng"
			}
			]
			}
			
			Note:
			Dob format is dd-MM-yyyy
			Gender 1 = Male 2 = Female
			Nric format = X00000X
			Mobile format = 00000000
			Email format = X@x.x
			Postal code format = 000000
			Type is registration type get from price api
			
			Tplay is do when user add family to list, then

			ask user is exiting tplaymember, if yes then add his mobile to tplay mobile.
Response	**Status**		**Sample Response**

	200 (Successful response)		```
			{
			   "result_code": "0000",
			   "result": {
			      "status": "Success",
			      "payableprice": 100,
			      "id": 0
			   }
			}
			``

	200 (Format Error)		```
			{
			   "result_code" : "1000",
			   "msg" : "Invalid NRIC Format"
			}
			``

	200 (Format Error)		```
			{
			   "result_code" : "1000",
			   "msg" : "Invalid Gender"
			}
			``

	200 (Format Error)		```
			{
			   "result_code" : "1000",
			   "msg" : "Invalid dob Format"
			}
			``

	200 (Format Error)		```
			{
			   "result_code" : "1000",
			   "msg" : "Invalid email Format"
			}
			``

	200 (Format Error)		```
			{
			   "result_code" : "1000",
			   "msg" : "Invalid mobile Format"
			}
			``

	200 (Format Error)		```
			{
			   "result_code" : "1000",
			   "msg" : "Invalid postal Format"
			}
			``

	200 (Format Error)		```
			{
			   "result_code" : "1000",
			   "msg" : "Invalid street"
			}
			``

	200		{

	(Format Error)	"result_code" : "1000", "msg" : "Invalid block" }
	200 (Format Error)	{ "result_code" : "1000", "msg" : "Invalid unit" }
	200 (Format Error)	{ "result_code" : "1000", "msg" : "Registration type not found" }
	200 (Format Error)	{ "result_code" : "1000", "msg" : "Invalid message" }
	200 (Format Error)	{ "result_code" : "1000", "msg" : "Invalid postalemail" }
	200 (Format Error)	{ "result_code" : "1000", "msg" : "Invalid promoemail" }
	200 (Format Error)	{ "result_code" : "1000", "msg" : "Invalid megazine" }
	200 (server error)	{ "result_code" : "1003", "msg" : "Server Error" }
	200 (Database Error)	{ "result_code" : "1004", "msg" : "Database Error" }
	200 (Parameter empty)	{ "result_code": "1005", "msg": "Missing required parameter data" }
	401 (Unauthorized	{ "error_code":"000",

	request)	"msg":"Access Denied" }

	400
	(Bad Request)
		{
		  "error_code":"001",
		  "msg":"Access Denied"
		}

52. Get Member ID By Mobile And DOB API

52.1 Overview

This API is to get the memberid by mobile and dob

52.2 Specification

HTTP Request	https://{domain_name}/v1/get_memberid_by_mobile_dob		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**

	Raw (application/json)	(string)	{
			 "user_info":{
			   "mobile":"9178710273",
			   "dob":"29-06-2005",
			   "type":"guest"
			  }
			 }

Response	**Status**	**Sample Response**	

	200 (Successful response)	{
		   "result_code": "0000",
		   "result": {
		     "id": "F84F90D3-DDFA-48E5-84F2-29EA34079B18",
		     "type": "guest"
		   }
		 }
		
		 Type = main, family, affiliate, guest	

	200 (server error)	{
		   "result_code" : "1003",
		   "msg" : "Server Error"
		 }	

	200 (Database Error)	{
		   "result_code" : "1004",
		   "msg" : "Database Error"
		 }	

	200	{	

	(Parameter empty)	"result_code": "1005", "msg": "Missing required parameter data" }

	200
	(Member ID empty)
		{
		  "result_code": "1001",
		  "msg": "Invalid memberID"
		}

	200	{
		  "result_code": "1001",
		  "msg": "Invalid dob format"
		}

	401
	(Unauthorized request)
		{
		  "error_code":"000",
		  "msg":"Access Denied"
		}

	400
	(Bad Request)
		{
		  "error_code":"001",
		  "msg":"Access Denied"
		}

API Reference - Event

1. Get Event List API

1.1 Overview

This API is to get event list from database

1.2 Specification

HTTP Request	https://{domain_name}/v1/eventlist		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**
	pageno	Int	2
	itemperpage	int	10
	eventName	String	badminton Notes: Event Name Sample: REAL® Run 2021 - Partners BB Courses - Taekwond HJC Courses - Yoga [2021] REAL® Run 2021
	eventStartDate	String	dd-MM-yyyy
	eventEndDate	String	dd-MM-yyyy
	updatedBy	int	1 (Default = 0)
	approveBy	int	24 (Default = 0)

	createdBy	int	26 (Default = 0)
	Status	**Sample Response**	

Response	200
	(Successful
	response)
		<pre>{
		   "result": [
		      {
		         "eventEndDate": "2021-12-31 00:00:00.0",
		         "registrationStartDate": "2018-08-21 00:00:00.0",
		         "registrationEndDate": "2021-12-31 00:00:00.0",
		         "name": "BB Courses - Zumba - Wednesday ",
		         "id": 38,
		         "eventStartDate": "2021-12-31 00:00:00.0"
		      },
		      {
		         "eventEndDate": "2022-02-01 00:00:00.0",
		         "registrationStartDate": "2021-01-31 00:00:00.0",
		         "registrationEndDate": "2022-01-01 00:00:00.0",
		         "name": "HJC Courses - Judo [2021] ",
		         "id": 308,
		         "eventStartDate": "2022-02-01 00:00:00.0"
		      }
		   ],
		   "result_code": "0000",
		   "totalrecords": "28"
		}</pre>	

	200
	(Empty Result)
		<pre>{
		   "result": [],
		   "result_code": "0000",
		   "totalrecords": "0"
		}</pre>	

	200
	(server error)
		<pre>{
		   "result_code" : "1003",
		   "msg" : "Server Error"
		}</pre>	

	200
	(Database Error)
		<pre>{
		   "result_code" : "1004",
		   "msg" : "Database Error"
		}</pre>	

	401
	(Unauthorized
	request)
		<pre>{
		   "error_code":"000",
		   "msg":"Access Denied"
		}</pre>	

	400
	(Bad Request)
		<pre>{
		   "error_code":"001",</pre>	

		"msg":"Access Denied" }

	400 (Parameter type not match)	{
		   "error_code":"002",
		   "error":"Bad Request - Parameter type not match"
		}

	400
	(Parameter missing)
		{
		   "error_code" : "003",
		   "msg" : "Bad Request - Parameter Missing"
		}

2. Get Event Detail API

2.1 Overview

This API is to get event detail by event id from database

2.2 Specification

HTTP Request	https://{domain_name}/v1/eventdetail		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**
	eventId	Int	2
Response	**Status**	**Sample Response**	

	200 (Successful response)	{
		  "result": [
		    {
		      "eventEndDate": "2019-10-20 00:00:00.0",
		      "eventId": 200,
		      "registrationStartDate": "2019-10-10 00:00:00.0",
		      "termsConditions": "tnc",
		      "banner": "Terroween_ The Final Call_E-portal_ebb573e2-172a-47bd-a784-76f13dc0e0ea.png",
		      "maxCapacity": 50,
		      "maxPax": 2,
		      "eligibleMembershipList": [
		        {
		          "price": 8,
		          "membershipName": "Associate Membership"
		        },
		        {
		          "price": 8,
		          "membershipName": "Ordinary Membership"
		        },
		        {
		          "price": 8,
		          "membershipName": "Family Membership"		

		},
		        {
		            "price": 8,
		            "membershipName": "Social Membership"
		        },
		        {
		            "price": 8,
		            "membershipName": "Non-Member"
		        }
		    ],
		    "allowCategory": "1",
		    "registrationEndDate": "2019-10-19 00:00:00.0",
		    "eventStatus": "open",
		    "multipleCategory": [],
		    "eventName": "#TERROWEEN: The Final Call 20 Oct (Only) [Guest Room Promo - Child]",
		    "eventStartDate": "2019-10-19 00:00:00.0"
		    }
		],
		"result_code": "0000"
		}

	200
	(Empty result)
		{
		    "msg": "Database Error - Unable to find this record.",
		    "result_code": "1004"
		}

	200
	(server error)
		{
		    "result_code" : "1003",
		    "msg" : "Server Error"
		}

	200
	(Database Error)
		{
		    "result_code" : "1004",
		    "msg" : "Database Error"
		}

	401
	(Unauthorized request)
		{
		    "error_code":"000",
		    "msg":"Access Denied"
		}

	400
	(Bad Request)
		{
		    "error_code":"001",
		    "msg":"Access Denied"
		}

	400 (Parameter type not match)	{
		    "error_code":"002",
		    "error":"Bad Request - Parameter type not match"

		}

	400
	(Parameter missing)
		{
		  "error_code" : "003",
		  "msg" : "Bad Request - Parameter Missing"
		}

3. Event Booking List API

3.1 Overview

This API is to get booking list by event id from database

3.2 Specification

HTTP Request	https://{domain_name}/v1/eventbookinglist		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**
	eventId	Int	2
Response	**Status**	**Sample Response**	

	200 (Successful response)	`{`
		`  "result": [`
		`    {`
		`      "totalPax": 2,`
		`      "totalSession": 0,`
		`      "name": "AUDREY CHAU ",`
		`      "membershipTypeName": "Family Membership",`
		`      "mobile": "86841838",`
		`      "category": "-",`
		`      "email": "Poohbear7819@yahoo.com.sg"`
		`    },`
		`    {`
		`      "totalPax": 1,`
		`      "totalSession": 0,`
		`      "name": "CHENG XIN MEI MARIE",`
		`      "membershipTypeName": "Associate Membership",`
		`      "mobile": "91259303",`
		`      "category": "-",`
		`      "email": "lonewolf333333@gmail.com"`
		`    }`
		`  ],`
		`  "result_code": "0000"`
		`}`	

200 (Empty Result)	`{`
	  `"result": [],`
	  `"result_code": "0000"`
	`}`	

200 (server error)	`{`
	  `"result_code" : "1003",`
	  `"msg" : "Server Error"`
	`}`	

200 (Database Error)	`{`
	  `"result_code" : "1004",`
	  `"msg" : "Database Error"`
	`}`	

401 (Unauthorized request)	`{`
	  `"error_code":"000",`
	  `"msg":"Access Denied"`
	`}`	

400 (Bad Request)	`{`
	  `"error_code":"001",`
	  `"msg":"Access Denied"`
	`}`	

400 (Parameter type not match)	`{`
	  `"error_code":"002",`
	  `"error":"Bad Request - Parameter type not match"`
	`}`	

400 (Parameter missing)	`{`
	  `"error_code" : "003",`
	  `"msg" : "Bad Request - Parameter Missing"`
	`}`	

4. Get Booking Form API

4.1 Overview

This API is to get event detail by event id from database

4.2 Specification

HTTP Request	https://{domain_name}/v1/bookingform		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**
	eventId	Int	326
	membershipType	String	Associate Membership
Response	**Status**	**Sample Response**	

	200 (Successful response)	<pre>{
		  "result": [
		    {
		      "categoryField": {
		        "item": [
		          {
		            "sessionPriceForCategory": 7.5,
		            "session": {
		              "min": 1,
		              "max": 1,
		              "format": "",
		              "name": "session",
		              "input_type": "Number",
		              "disabled": false,
		              "onSelected": "",
		              "label": "* Total Session",
		              "mandatory": false
		            },
		            "sessionChooser": {
		              "min": -1,
		              "answer": [
		                {</pre>	

                    "answer": "Yes",
                    "destination": "session",
                    "action": "show|make mandatory"
                },
                {

                    "answer": "No",
                    "destination": "session",
                    "action": "hide|remove mandatory"
                }
            ],
            "max": -1,
            "format": "",
            "name": "sessionchooser",
            "input_type": "Radio Button",
            "disabled": false,
            "onSelected": "",
            "label": "Register BySession",
            "mandatory": true
        },
        "allowSession": true,
        "categoryName": "Hatha Yoga - (1 Session
ONLY) [Master Ven Class]",
            "membershipPriceForCategory": -1
    },
    {

        "sessionPriceForCategory": -1,
        "allowSession": false,
        "categoryName": "Hatha or Vinyasa Yoga
[Pauline Class][4 Session]",
            "membershipPriceForCategory": 35
        }
    ],
    "name": "category",
    "input_type": "dropdownlist",
    "onSelected": "verify membershiptype",
    "label": "* Category",
    "mandatory": true
},
"tnc": "tnc",
"normalField": [
    {
        "min": -1,
        "max": -1,
        "format": "String|Capital",
        "name": "name",
        "input_type": "Text field",
        "disabled": false,
        "onSelected": "",
        "label": "* Full Name (As per NRIC)",
        "mandatory": true

                },
                {
                    "min": -1,
                    "max": -1,
                    "format": "x@x.x",
                    "name": "email",
                    "input_type": "Text field",
                    "disabled": false,
                    "onSelected": "",
                    "label": "* Email (receipt will be sent to this email address)",
                    "mandatory": true
                },
                {
                    "min": 1,
                    "max": 1,
                    "format": "x@x.x",
                    "name": "totalpax",
                    "input_type": "Text field",
                    "disabled": false,
                    "onSelected": "",
                    "label": "Total Pax",
                    "mandatory": true
                },
                {
                    "min": -1,
                    "max": -1,
                    "format": "",
                    "name": "promocode",
                    "input_type": "Text field",
                    "disabled": false,
                    "onSelected": "verify promocode",
                    "label": "Promo Code",
                    "mandatory": false
                },
                {
                    "min": -1,
                    "answer": [
                      {
                          "answer": ""
                      }
                    ],
                    "max": -1,
                    "format": "",
                    "name": "question",
                    "input_type": "Text field",
                    "disabled": false,
                    "onSelected": "",
                    "label": "Emergency Contact Name & Number",

```
                        "mandatory": true
                    },
                    {
                        "min": -1,
                        "answer": [
                            {
                                "answer": "Hatha Yoga , Master Ven"
                            },
                            {
                                "answer": " Hatha Yoga, Pauline"
                            },
                            {
                                "answer": " Vinyasa Yoga, Pauline"
                            }
                        ],
                        "max": -1,
                        "format": "",
                        "name": "question",
                        "input_type": "Drop down list",
                        "disabled": false,
                        "onSelected": "",
                        "label": "Class",
                        "mandatory": true
                    }
                ],
                "membershipPrice": 0,
                "title": "HJC Courses - Yoga [2021]",
                "category": true
            }
        ],
        "result_code": "0000"
}
```

Note:
Input type:
Text field, Checkbox, Drop down list, date, number, Radio Button

Term and conditions to let registrant read and tick.

onSelected is make change of other field when selected or take some action.
Max min is to set maxmin of number field
Mandatory is to mark field as mandatory
Format is to format the input such as 00000000

Category field use when the **category** is true
Each category have its own price
The item category field is the dropdownlist item

		Session radio button will show when category allow session. When user want to register by session must tick yes at radio button. After tick yes, a number field show to let user choose number of session. **Price -1** for category, and session means that the category/session cannot be register for that membership type.

	200
	(Empty result)
		{
		   "msg": "Database Error - Unable to find this record.",
		   "result_code": "1004"
		}

	200
	(Invalid Token)
		{
		   "result_code" : "1001",
		   "msg" : "Invalid Token"
		}

	200
	(Expired Token)
		{
		   "result_code" : "1002",
		   "msg" : "Token Expired"
		}

	200
	(server error)
		{
		   "result_code" : "1003",
		   "msg" : "Server Error"
		}

	200
	(Database Error)
		{
		   "result_code" : "1004",
		   "msg" : "Database Error"
		}

	200
	(Parameter missing)
		{
		   "result_code" : "1005",
		   "msg" : "Parameter Missing"
		}

	401
	(Unauthorized request)
		{
		   "result_code":"001",
		   "msg":"Access Denied"
		}

	400 (Bad Request)	{
		   "error_code":"002",
		   "error":"Bad Request"
		}

5. Check PromoCode API

5.1 Overview

This API is to verify the promocode and return the status and price deducted.

5.2 Specification

HTTP Request	https://{domain_name}/v1/checkpromocode		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**
	eventId	Int	20291
	totalPax	Integer	2
	promocode	String	1D4VTGh
	membership	String	CE1188E9-956C-E311-9401-00155D0AB904
Response	**Status**	**Sample Response**	

	200 (Successful response)	`{`
		`    "result": [`
		`        {`
		`            "msg":`
		`"promo_ended/valid_promocode/fully_redeemed/invalid_promocode",`
		`            "price": 0`
		`        }`
		`    ],`
		`    "result_code": "0000"`
		`}`	

	200 (server error)	`{`
		`    "result_code" : "1003",`
		`    "msg" : "Server Error"`
		`}`	

	200 (Database Error)	`{`
		`    "result_code" : "1004",`
		`    "msg" : "Database Error"`
		`}`	

	401 (Unauthorized request)	`{`
		`    "error_code":"000",`
		`    "msg":"Access Denied"`
		`}`	

400
(Bad Request)
	{
	  "error_code":"001",
	  "msg":"Access Denied"
	}	

400 (Parameter
type not match)
	{
	  "error_code":"002",
	  "error":"Bad Request - Parameter type not match"
	}	

400
(Parameter missing)
	{
	  "error_code" : "003",
	  "msg" : "Baf Request - Parameter Missing"
	}	

6. Check Available Capacity API

6.1 Overview

This API is to check the available capacity and return the result.

6.2 Specification

HTTP	https://{domain_name}/v1/checkavailablecapacity

Request		
Header Parameters	**Key**	**Value**
	Authorization	string (Bearer {access_token})
	Content-Type	string (application/json)

Request Body	**Key**	**Value**	**Example**
	eventId	Int	20291
	category	String	Hero & Junior Bootcamp! - 9AM

Response	**Status**	**Sample Response**

	200 (Successful response)	{
		  "result": "Available/Full",
		  "result_code": "0000"
		}

	200 (Empty Result)	{
		  "msg": "Database Error - Unable to find this record.",
		  "result_code": "1004"
		}

	200 (server error)	{
		  "result_code" : "1003",
		  "msg" : "Server Error"
		}

	200 (Database Error)	{
		  "result_code" : "1004",
		  "msg" : "Database Error"
		}

	401 (Unauthorized request)	{
		  "error_code":"000",
		  "msg":"Access Denied"
		}

	400 (Bad Request)	{
		  "error_code":"001",
		  "msg":"Access Denied"
		}

	400 (Parameter type not match)	{
		  "error_code":"002",
		  "error":"Bad Request - Parameter type not match"
		}

		}

	400
	(Parameter missing)
		{
		  "error_code" : "003",
		  "msg" : "Baf Request - Parameter Missing"
		}

7. Get Booking Status API

7.1 Overview

This API is to get the current status of booking by id.

7.2 Specification

HTTP Request	https://{domain_name}/v1/eventbookingstatus		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**
	registrationId	Int	43159
Response	**Status**	**Sample Response**	

	200 (Successful response)	{
		    "result": "Cancelled", (Active/Cancelled)
		    "result_code": "0000"
		}	

	200 (Empty Result)	{
		    "msg": "Database Error - Unable to find this record.",
		    "result_code": "1004"
		}	

	200 (server error)	{
		    "result_code" : "1003",
		    "msg" : "Server Error"
		}	

	200 (Database Error)	{
		    "result_code" : "1004",
		    "msg" : "Database Error"
		}	

	401 (Unauthorized request)	{
		    "error_code":"000",
		    "msg":"Access Denied"
		}	

		}	

	400
	(Bad Request)
		{
		  "error_code":"001",
		  "msg":"Access Denied"
		}	

	400 (Parameter
	type not match)
		{
		  "error_code":"002",
		  "error":"Bad Request - Parameter type not match"
		}	

	400
	(Parameter missing)
		{
		  "error_code" : "003",
		  "msg" : "Baf Request - Parameter Missing"
		}	

8. Cancel Booking API

8.1 Overview

This API is to cancel the booking by id

8.2 Specification

HTTP Request	https://{domain_name}/v1/cancelbooking		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**
	registrationId	Int	43159
Response	**Status**	**Sample Response**	

	200 (Successful response)	{
		    "result": "Success", (Success/Fail)
		    "result_code": "0000"
		}	

	200 (Empty Result)	{
		    "msg": "Database Error - Unable to find this record.",
		    "result_code": "1004"
		}	

	200 (server error)	{
		    "result_code" : "1003",
		    "msg" : "Server Error"
		}	

	200 (Database Error)	{
		    "result_code" : "1004",
		    "msg" : "Database Error"
		}	

	401 (Unauthorized request)	{
		    "error_code":"000",
		    "msg":"Access Denied"	

		}

	400
	(Bad Request)
		{
		  "error_code":"001",
		  "msg":"Access Denied"
		}

	400 (Parameter
	type not match)
		{
		  "error_code":"002",
		  "error":"Bad Request - Parameter type not match"
		}

	400
	(Parameter missing)
		{
		  "error_code" : "003",
		  "msg" : "Baf Request - Parameter Missing"
		}

9. Create Booking API

9.1 Overview

This API is to create the booking.

9.2 Specification

HTTP Request	https://{domain_name}/v1/createbooking		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**

	Raw (application/json)	eventId int
		
		totalpax int
		
		category String
		
		mobile String
		
		membershipExipryDate String
		
		membershipType String
		
		membershipStatus String
		
		name String
		
		totalsession int
		
		promocode String
		
		dob String
		
		email String
		
		ans1 String
		ans2 String
		ans3 String
		ans4 String
			{
			    "eventId": 20492,
			    "totalpax":1,
			    "category":"leo",
			    "mobile":"86840926",
			"membershipExpiryDate":"15-08-2030",
			
			"membershipType":"Non-Member",
			    "membershipStatus":"Active",
			    "name":"leo name",
			    "totalsession":"0",
			    "promocode":"",
			    "dob":"15-08-1991",
			
			"email":"ncw1121@hotmail.com",
			    "ans1":"aaa",
			    "ans2":"a",
			    "ans3":"",
			    "ans4":"",
			    "ans5":"",
			    "ans6":"",
			    "ans7":"",
			    "ans8":"",
			    "ans9":"",
			    "ans10":"",
			    "ans11":"",

		ans5 String ans6 String ans7 String ans8 String ans9 String ans10 String ans11 String ans12 String ans13 String ans14 String ans15 String ans16 String ans17 String ans18 String ans19 String ans20 String	"ans12":"", "ans13":"", "ans14":"", "ans15":"", "ans16":"", "ans17":"", "ans18":"", "ans19":"", "ans20":"" } Note: membershipType membershipStatus membershipExpiryDate Is get from crm Category can be empty if event is without category Session can be 0 if no session Ans can be empty is no ans Totalpax must more than 0 Promocode can be empty Dob must be string format dd-MM-yyyy
Response	**Status**		**Sample Response**

	200
	(Successful response)
			{
			   "result": "43163",
			   "result_code": "0000"
			}
			
			Note:
			This result is registrationId to be required in the add transaction API.

	200
	(Add Fail)
			{
			   "msg": "Unable to save registration",
			   "result_code": "1000"
			}

200
(Not allow Multiple register)
	``
	{
	  "msg": "This mobile has been registered.",
	  "result_code": "1000"
	}
	``

200
(server error)
	``
	{
	  "result_code" : "1003",
	  "msg" : "Server Error"
	}
	``

200
(Database Error)
	``
	{
	  "result_code" : "1004",
	  "msg" : "Database Error"
	}
	``

401
(Unauthorized request)
	``
	{
	  "error_code":"000",
	  "msg":"Access Denied"
	}
	``

400
(Bad Request)
	``
	{
	  "error_code":"001",
	  "msg":"Access Denied"
	}
	``

400 (Parameter type not match)	```
	{
	  "error_code":"002",
	  "error":"Bad Request - Parameter type not match"
	}
	``

400
(Parameter missing)
	``
	{
	  "error_code" : "003",
	  "msg" : "Baf Request - Parameter Missing"
	}
	``

10. Add Transaction API

10.1 Overview

This API is to add transaction.

10.2 Specification

HTTP Request	https://{domain_name}/v1/addtransaction		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**

	Raw (application/json)	registrationId int
		
		payamount String
		
		redeemamount String
		
		unitprice String
		
		totalprice String
		
		paymentrefno String
			{
			    "registrationId": 43163,
			    "payamount":"150",
			    "redeemamount":"0",
			    "unitprice":"150",
			    "totalprice":"150",
			"paymentrefno":"20210715150209132"
			}
			
			Note:
			The registrationId is get from event api No.9
			
			Paymentrefno is enetsrefno
			
			Payamount = totalprice - redeemamount
			
			Totalprice = unitprice * totalsession * totalprice

Response	**Status**	**Sample Response**	

	200 (Successful response)	{
		  "result": "Success",
		  "result_code": "0000"	

		}

	200
	(Add Fail)
		{
		  "msg": "Couldn't not find this registration record",
		  "result_code": "1000"
		}

	200
	(Not allow Multiple register)
		{
		  "msg": "Total price, RedeenAmount, PaymentAmount, unit price not match",
		  "result_code": "1000"
		}

	200
	(server error)
		{
		  "result_code" : "1003",
		  "msg" : "Server Error"
		}

	200
	(Database Error)
		{
		  "result_code" : "1004",
		  "msg" : "Database Error"
		}

	401
	(Unauthorized request)
		{
		  "error_code":"000",
		  "msg":"Access Denied"
		}

	400
	(Bad Request)
		{
		  "error_code":"001",
		  "msg":"Access Denied"
		}

	400 (Parameter type not match)	{
		  "error_code":"002",
		  "error":"Bad Request - Parameter type not match"
		}

	400
	(Parameter missing)
		{
		  "error_code" : "003",
		  "msg" : "Baf Request - Parameter Missing"
		}

11. Get Booking By MemberID And Date Range API

11.1 Overview

This API is to get booking list by memberid and date range.

11.2 Specification

HTTP Request	https://{domain_name}/v1/getbookingbymemberidanddaterange		
Header Parameters	**Key**	**Value**	
	Authorization	string (Bearer {access_token})	
	Content-Type	string (application/json)	
Request Body	**Key**	**Value**	**Example**
	memberId	String	CE1188E9-956C-E311-9401-XXXXX XXXXXXX
	startDate	String	dd-MM-yyyy Cant be empty
	endDate	String	dd-MM-yyyy Cant be empty
Response	**Status**	**Sample Response**	
	200 (Successful	{	

	response)	"result_code": "0000",
		"result": [
		  {
		    "registrationId": "47728",
		    "name": "ASD",
		    "membershipTypeName": "SAFRA Membership",
		    "category": "-",
		    "membershipDob1": "Nov 12, 1991 12:00:00 AM",
		    "email": "leo.nam@techstudio.com.sg",
		    "mobile": "93214654",
		    "totalPax": 1,
		    "totalSession": 0,
		    "status": "Success",
		    "eventName": "test",
		    "invoiceNumber": "HTEV00021434",
		    "merchantRefNo": "20210923163210226"
		  }
		]
		}

	200
	(server error)
		{
		  "result_code" : "1003",
		  "msg" : "Server Error"
		}

	200
	(Database Error)
		{
		  "result_code" : "1004",
		  "msg" : "Database Error"
		}

	401
	(Unauthorized
	request)
		{
		  "error_code":"000",
		  "msg":"Access Denied"
		}

	400
	(Bad Request)
		{
		  "error_code":"001",
		  "msg":"Access Denied"
		}

	400 (Parameter
	type not match)
		{
		  "error_code":"002",
		  "error":"Bad Request - Parameter type not match"
		}

	400
	(Parameter missing)
		{
		  "error_code" : "003",
		  "msg" : "Baf Request - Parameter Missing"

| | | } |