ExperthubRobotics APIs Doc

ExperthubRobotics Software has standard modules such as Demo, Accounts and Menu. Using ExperthubRobotics APIs, you can retrieve the data of available modules through the API.

Demo API

Purpose

To create Demo Account at ExperthubRobotics App.

Request

`POST`

```
api/Demo/org
```

Addtional Header Parameters

None.

URI Parameters

None.

Body Parameters

Name	Description	Type
Robot_ID	Roboit ID.	string
FullName	Full Name of Client.	string
Email	Client Login Email Address.	string
Mobile	Client Mobile Number.	string
ClientSoftwareType	Client Software Type. Unique ID from master of Software Type.	integer

> Note:
>
> All fileds are *mandatory*.
>
> ```
> Client Software Type Must be Unique id from master.
> 1 for Expert Restaurant
> 2 for Expert Health
> 3 for Expert Education
> 4 for Expert Retail
> 5 for Expert Office
> 6 for Expert Home
> ```

Request Formats

```
{
```

```
    "Robot_ID": "sample string 1",
    "FullName": "sample string 2",
    "Email": "sample string 3",
    "Mobile": "sample string 4",
    "ClientSoftwareType": 1
  }
```

Response Information

Resource Description

Name	Description	Type
CORPORATEID	Registerd Corporate ID.	integer
Company	Firm/ Organization Name.	string
ClientName	Client Full Name.	string
ClientPhone	Client Number.	string
AuthenticationCode	Autentication Code.	string
AuthenticationPeriod	Autentication days.	integer
AuthenticationDate	Autentication Date.	date
BGHome	Application Home Background Image.	string
BGMain	Application Inner Pages Background Image.	string
AppIcon	Application Icon Image.	string
MenuIcon	Application Checkout Icon Shows.	string
ColorCode	Application Color Code for the Button and Application.	string
ClientSoftwareType	Client Software Application Type.	string
PaymentLink	Application Checkout Payment Link	string
Moto	Moto	string

Child : apimap

Name	Description	Type

Name	Description	Type
ClientID	Registerd Corporate ID	integer
ClientSoftwareType	Firm Software Type	string
APIUrl	API Url(End Point)	string
OAuth	API Authentication Code(End Authentication Point) end to end encrypted.	string
Full_Name	Customer Full Name Field Maping	string
Mobile	Customer Mobile Field Maping	string
TableCode	Customer Table Number Field Maping	string
Order_ID	Order ID Field Maping	string
Order_Date	Order Date Field Maping	string
SubTotal	Order Sub Total Field Maping	string
VAT	Order VAT Field Maping	string
TIP	Order TIP Field Maping	string
ShareMyMeal	Order Share My Meal Field Maping	string
PaymentMode	Order Payment Mode Field Maping	string
isActive	Order Status Field Maping	string
ItemCollection	Order Items Collection Field Maping	string
Item_ID	Order Item ID Field Maping	string
Item_Name	Order Item Name Maping	string
Quantity	Order Quantity Field Maping	string
price	Order Price Field Maping	string

Name	Description	Type
isActive_Item	Order Item Status Field Maping	string
SMSAPIUrl	SMS Provider API URL/End Point	string
SMSAPIUserName	SMS Provider Username, Will be End to End Encrypted	string
SMSAPIPassword	SMS Provider Password, Will be End to End Encrypted	string
SMSAPICallbackQueryString	Optional SMS Provider CallbackQueryString if any.	string
SMSAPIPriority	Optional SMS Sending Priority.	string
EmailFrom	Email From Address	string
EmailCC	Email CC Address if any.	string
EmailBCC	Email BCC Address if any.	string
EmailSMTP	Email sending smtp for sending email.	string
EmailPORT	Email Port for sending email.	string
EmailUser	Email Address for sending email Network Credentials. End to End Encrypted.	string
EmailPassword	Email Password for sending email Network Credentials. End to End Encrypted.	string

Response Formats

```
[
    {
    "CORPORATEID": 1,
    "Company": "sample string 2",
    "ClientName": "sample string 3",
    "ClientPhone": "sample string 4",
    "AuthenticationCode": "sample string 5",
    "AuthenticationPeriod": 6,
    "AuthenticationDate": "2020-12-07T16:45:34.7917875+05:30",
    "BGHome": "sample string 8",
    "BGMain": "sample string 9",
    "AppIcon": "sample string 10",
    "MenuIcon": "sample string 11",
    "ColorCode": "sample string 12",
    "ClientSoftwareType": "sample string 13",
    "PaymentLink": "sample string 14",
    "Moto": "sample string 15",
    "apimap": {
        "ClientID": 1,
        "ClientSoftwareType": "sample string 2",
        "APIUrl": "sample string 3",
```

```
            "OAuth": "sample string 4",
            "Full_Name": "sample string 5",
            "Mobile": "sample string 6",
            "TableCode": "sample string 7",
            "Order_ID": "sample string 8",
            "Order_Date": "sample string 9",
            "SubTotal": "sample string 10",
            "VAT": "sample string 11",
            "TIP": "sample string 12",
            "ShareMyMeal": "sample string 13",
            "PaymentMode": "sample string 14",
            "isActive": "sample string 15",
            "ItemCollection": "sample string 16",
            "Item_ID": "sample string 17",
            "Item_Name": "sample string 18",
            "Quantity": "sample string 19",
            "price": "sample string 20",
            "isActive_Item": "sample string 21",
            "SMSAPIUrl": "sample string 22",
            "SMSAPIUserName": "sample string 23",
            "SMSAPIPassword": "sample string 24",
            "SMSAPICallbackQueryString": "sample string 25",
            "SMSAPIPriority": "sample string 26",
            "EmailFrom": "sample string 27",
            "EmailCC": "sample string 28",
            "EmailBCC": "sample string 29",
            "EmailSMTP": "sample string 30",
            "EmailPORT": "sample string 31",
            "EmailUser": "sample string 32",
            "EmailPassword": "sample string 33"
        }
    }
]
```

Example(Requst First Time)

Request

`POST`

```
api/Demo/org
```

Request Body

```
{
    "Robot_ID": "23",
    "FullName": "test",
    "Email": "test.user@experthubrobotics.com",
    "Mobile": "1234567890",
    "ClientSoftwareType": 1
}
```

Response Body

`200`

```
[
    {
        "Robot_ID": "23",
        "CORPORATEID": 25,
        "Message": "Demo Account Created Successfully."
```

```
      }
  ]
```

Example(After OTP Verification)

Next request after the OTP Verification.

Request

`POST`

```
api/Demo/org
```

Request Body

```json
{
    "Robot_ID": "23",
    "FullName": "test",
    "Email": "test.user@experthubrobotics.com",
    "Mobile": "1234567890",
    "ClientSoftwareType": 1
}
```

Response Body

`200`

```json
[
    {
        "CORPORATEID": 1,
        "Company": "YOUR COMPANY",
        "ClientName": "YOUR NAME",
        "ClientPhone": "1234567890",
        "AuthenticationCode": "c335bd96-3d99-36cd-b34d-d9b0b027920f",
        "AuthenticationPeriod": 30,
        "AuthenticationDate": "2020-12-07T18:18:15.1342341+05:30",
        "BGHome": "splash_bottom.jpg",
        "BGMain": "splash_bottom_sub.jpg",
        "AppIcon": "logo.png",
        "MenuIcon": "icon_fork.png",
        "ColorCode": "#F95009",
        "ClientSoftwareType": "1",
        "PaymentLink": "",
        "Moto": "your company moto goes here",
        "apimap": {
            "ClientID": 1,
            "ClientSoftwareType": "1",
            "APIUrl": "http://abc.com/Order?ClientID=123&ClientSoftwareType=123",
            "OAuth": "XHVk7gBXuKEbGLQKGTW29aOItHbX7i7e/pwL8IW8ZvuCBtVOvDy+AntTBym8iPaE",
            "Full_Name": "FullName",
            "Mobile": "Mobile",
            "TableCode": "TableCode",
            "Order_ID": "OrderID",
            "Order_Date": "OrderDate",
            "SubTotal": "SubTotal",
            "VAT": "VAT",
            "TIP": "TIP",
            "ShareMyMeal": "ShareMyMeal",
            "PaymentMode": "PaymentMode",
            "isActive": "isActive",
            "ItemCollection": "orderItem",
```

```
                 "Item_ID": "ItemID",
                 "Item_Name": "ItemName",
                 "Quantity": "Quantity",
                 "price": "price",
                 "isActive_Item": "isActive",
                 "SMSAPIUrl": "http://abc.com/webservices/HttpReceiver.asmx/SubmitSms?",
                 "SMSAPIUserName": "wMdWbMHjhTSGbBk6k8EgcA==",
                 "SMSAPIPassword": "qXb4EKXYV0tCdbzWZr2k0Q==",
                 "SMSAPICallbackQueryString": "URLEncodedCallBackURL",
                 "SMSAPIPriority": "Priority",
                 "EmailFrom": "",
                 "EmailCC": "",
                 "EmailBCC": "",
                 "EmailSMTP": "",
                 "EmailPORT": "",
                 "EmailUser": "",
                 "EmailPassword": ""
             }
         }
]
```

Example(Requst After Expired)

Request

`POST`

api/Demo/org

Request Body

```
{
   "Robot_ID": "23",
   "FullName": "test",
   "Email": "test.user@experthubrobotics.com",
   "Mobile": "1234567890",
   "ClientSoftwareType": 1
}
```

Response Body

`400`

```
[
    {
        "Code": "410",
        "Message": "Bad Request, Demo Account Expired."
    }
]
```

Example(Already have Register Account)

Request

`POST`

api/Demo/org

Request Body

```json
{
    "Robot_ID": "23",
    "FullName": "test",
    "Email": "test@experthubrobotics.com",
    "Mobile": "1234567890",
    "ClientSoftwareType": 1
}
```

Response Body

`400`

```json
[
    {
        "Code": "403",
        "Message": "Bad Request, Email already have Register Account. Please Sign In!"
    }
]
```

Example(Robot ID Already Register)

Request

`POST`

api/Demo/org

Request Body

```json
{
    "Robot_ID": "23",
    "FullName": "test",
    "Email": "test@experthubrobotics.com",
    "Mobile": "1234567890",
    "ClientSoftwareType": 1
}
```

Response Body

`400`

```json
[
    {
        "Code": "400",
        "Message": "Bad Request, Robot ID already connected with other client."
    }
]
```

```
]
```

Example(Invalid Data)

Request

`POST`

```
api/Demo/org
```

Request Body

```json
{
  "Robot_ID": "23",
  "FullName": "test",
  "Email": "",
  "Mobile": "1234567890",
  "ClientSoftwareType": 1
}
```

Response Body

`400`

```json
[
    {
        "Code": "400",
        "Message": "Bad Request, Invalid Data Supply to request."
    }
]
```

Demo Menu

Purpose

To get list of demo mainmenu, submenu, InnerSubMenu, product(items) and AddOns at ExperthubRobotics App.

Request

`POST`

```
api/Demo/Menu
```

Addtional Header Parameters

None.

URI Parameters

None.

Body Parameters

Name	Description	Type
softwaretype	software type Id.	integer

```
Software Type Must be Unique id from master.
1 for Expert Restaurant
2 for Expert Health
3 for Expert Education
4 for Expert Retail
5 for Expert Office
6 for Expert Home
```

Request Formats

```
{
    "SoftwareType": 1
}
```

Response Information

Resource Description

Name	Description	Type
ClientID	Registerd Corporate ID	integer
ItemID	Unique Items ID	integer
MainMenu	Main Menu of Items	string
SubMenu	Sub Menu of Items	string
InnerSubMenu	Inner Sub Menu of Items(optional if any, Items will be in Sub Menu)	string
ItemName	Item Name	string
CURRENCY	Item's CURRENCY AED/USD/INR etc.	string
ItemPrice	Item's Price	decimal number
ItemDetails	Item's description	string
ImageTitle	Image Name	string

Name	Description	Type
ItemType	Item Type MainMenu/ SubMenu/ InnerSubMenu/ Item	string
AgeRestricted	Item is Restricted For the Age Limit, returen true if Restricted false for not.	bool
GenderRestricted	Item is Restricted For the Male / Female / No.	string
MuslimRestricted	Item is Restricted For Muslim, returen true if Restricted false for not.	bool
OrderBy	Order Item while display on Application.	integer
AddOns	List of Add Ons in Item	Collection of **AddOn**

Child : AddOns

Name	Description	Type
AddONID	Unique AddOn ID	integer
AddON	AddOn Itme Name	string
PriceAddON	AddOn Price	decimal number
AddONImage	AddOn Image	string
AddONDetails	AddOn description	string

Response Formats

```
[
  {
    "ClientID": 1,
    "ItemID": 2,
    "MainMenu": "sample string 3",
    "SubMenu": "sample string 4",
    "InnerSubMenu" : "sample string",
    "ItemName": "sample string 5",
    "CURRENCY": "sample string 6"
    "ItemPrice": 6.0,
    "ItemDetails": "sample string 7",
    "ImageTitle": "sample string 8",
    "ItemType": "sample string 9",
    "AgeRestricted": false,
    "GenderRestricted": 'No',
    "MuslimRestricted": false,
    "OrderBy": 10,
    "AddOns": [
      {
        "AddONID": 1,
        "AddON": "sample string 2",
        "PriceAddON": 3.0,
        "AddONImage": "sample string 4",
        "AddONDetails": "sample string 5"
      },
      {
```

```
          "AddONID": 1,
          "AddON": "sample string 2",
          "PriceAddON": 3.0,
          "AddONImage": "sample string 4",
          "AddONDetails": "sample string 5"
        }
      ]
    },
    {
      "ClientID": 1,
      "ItemID": 2,
      "MainMenu": "sample string 3",
      "SubMenu": "sample string 4",
      "InnerSubMenu" : "sample string",
      "ItemName": "sample string 5",
      "CURRENCY": "sample string 6",
      "ItemPrice": 6.0,
      "ItemDetails": "sample string 7",
      "ImageTitle": "sample string 8",
      "ItemType": "sample string 9",
      "AgeRestricted": false,
      "GenderRestricted": 'No',
      "MuslimRestricted": false,
      "OrderBy": 10,
      "AddOns": []
    }
]
```

Example

Request

`POST`

api/Demo/Menu

Request Body

```
{
    "SoftwareType": 1
}
```

Response Body

`200`

```
[
    {
        "ClientID": 0,
        "ItemID": 1,
        "MainMenu": "Beverage",
        "SubMenu": "",
        "InnerSubMenu" : "",
        "ItemName": "",
        "CURRENCY" :"",
        "ItemPrice": 0.00,
        "ItemDetails": "",
        "ImageTitle": "MainMenu.png",
        "ItemType": "MainMenu",
        "AgeRestricted": false,
```

```json
            "GenderRestricted": 'No',
            "MuslimRestricted": false,
            "OrderBy": 1000,
            "AddOns": []
        },

        {
            "ClientID": 0,
            "ItemID": 2,
            "MainMenu": "Soft Drinks",
            "SubMenu": "",
            "InnerSubMenu" : "",
            "ItemName": "",
            "CURRENCY" :"",
            "ItemPrice": 0.00,
            "ItemDetails": "",
            "ImageTitle": "SoftDrinks.png",
            "ItemType": "SubMenu",
            "AgeRestricted": false,
            "GenderRestricted": 'Male',
            "MuslimRestricted": false,
            "OrderBy": 1000,
            "AddOns": []
        },
        {
            "ClientID": 0,
            "ItemID": 3,
            "MainMenu": "XYZ Drink",
            "SubMenu": "",
            "InnerSubMenu" : "",
            "ItemName": "",
            "CURRENCY" :"AED",
            "ItemPrice": 20.00,
            "ItemDetails": "XYZ Drink is good for the health.",
            "ImageTitle": "XYZDrink.png",
            "ItemType": "Item",
            "AgeRestricted": false,
            "GenderRestricted": 'female',
            "MuslimRestricted": false,
            "OrderBy": 1000,
            "AddOns": [
                {
                    "AddONID": 1,
                    "AddON": "Diet",
                    "PriceAddON": 5.00,
                    "AddONImage": "",
                    "AddONDetails": "XYZ Drink is best for the health."
                },
                {
                    "AddONID": 2,
                    "AddON": "Cold",
                    "PriceAddON": 2.00,
                    "AddONImage": "",
                    "AddONDetails": "XYZ Drink is best for the health."
                }
            ]
        }
]
```

Example(Expert Retail)

Request

`POST`

api/Demo/Menu

Request Body

```json
{
    "SoftwareType": 4
}
```

Response Body

`200`

```json
[
    {
        "ClientID": 0,
        "ItemID": 926,
        "MainMenu": "Women Wear",
        "SubMenu": "Formals",
        "InnerSubMenu": "Jackets",
        "ItemName": "",
        "CURRENCY": "",
        "ItemPrice": 0.00,
        "ItemDetails": "",
        "ImageTitle": "Women-Wear-Formals-Jackets.png",
        "ItemType": "InnerSubMenu",
        "AgeRestricted": false,
        "GenderRestricted": "No",
        "MuslimRestricted": false,
        "OrderBy": 1000,
        "AddOns": []
    },

    {
        "ClientID": 0,
        "ItemID": 935,
        "MainMenu": "Women Wear",
        "SubMenu": "Formals",
        "InnerSubMenu": "Jackets",
        "ItemName": "Women Black Solid Tailored Jacket",
        "CURRENCY": "AED",
        "ItemPrice": 200.00,
        "ItemDetails": "Women Black Solid Tailored Jac",
        "ImageTitle": "Women-Black-Solid-Tailored-Jacket.png",
        "ItemType": "Item",
        "AgeRestricted": false,
        "GenderRestricted": "No",
        "MuslimRestricted": false,
        "OrderBy": 1000,
        "AddOns": [
            {
                "AddONID": 42,
                "AddON": "S",
                "PriceAddON": 0.00,
                "AddONImage": "",
                "AddONDetails": "Women Black Solid Tailored Jac"
            },
            {
                "AddONID": 43,
                "AddON": "M",
                "PriceAddON": 20.00,
                "AddONImage": "",
                "AddONDetails": "Women Black Solid Tailored Jac"
            },
            {
                "AddONID": 44,
                "AddON": "L",
```

```
                "PriceAddON": 20.00,
                "AddONImage": "",
                "AddONDetails": "Women Black Solid Tailored Jac"
            },
            {
                "AddONID": 45,
                "AddON": "XL",
                "PriceAddON": 50.00,
                "AddONImage": "",
                "AddONDetails": "Women Black Solid Tailored Jac"
            },
            {
                "AddONID": 46,
                "AddON": "XXL",
                "PriceAddON": 50.00,
                "AddONImage": "",
                "AddONDetails": "Women Black Solid Tailored Jac"
            }
            ]
        }
]
```

Sign Up API

Purpose

To create account at ExperthubRobotics app.

Request

POST

api/SignUp

Addtional Header Parameters

None.

URI Parameters

None.

Body Parameters

Name	Description	Type
Robot_ID	Roboit ID.	string
FullName	Full Name of Client.	string
Email	Client Login Email Address.	string
Mobile	Client Mobile Number.	string

Name	Description	Type
SignUpType	Number of Day Application Valid.	integer
ClientSoftwareType	Client Software Type. Unique ID from master of Software Type.	integer

Note:

All fileds are *mandatory*.

```
Client Software Type Must be Unique id from master.
1 for Expert Restaurant
2 for Expert Health
3 for Expert Education
4 for Expert Retail
5 for Expert Office
6 for Expert Home
```

```
SignUp Type Must be number of days from master.
30 for Month
365 for Year
```

Request Formats

```
{
    "Robot_ID": "sample string 1",
    "FullName": "sample string 2",
    "Email": "sample string 3",
    "Mobile": "sample string 4",
    "SignUpType": 5,
    "ClientSoftwareType": 1
}
```

Response Information

Resource Description

Name	Description	Type
Robot_ID	Roboit ID.	string
CORPORATEID	Registerd Corporate ID.	integer
Message	Message for registration completed Status.	string

Response Formats

```
{
  "Robot_ID": "sample string 1",
  "CORPORATEID": 2,
  "Message": "sample string 3"
}
```

Example

Request

`POST`

api/SignUp

Request Body

```json
{
    "Robot_ID": "23",
    "FullName": "test",
    "Email": "test.user@experthubrobotics.com",
    "Mobile": "1234567890",
    "SignUpType": 30,
    "ClientSoftwareType": 1
}
```

Response Body

`200`

```json
{
    "Robot_ID": "23",
    "CORPORATEID": 25,
    "Message": "SignUp Successfully, Otp Sent to Register Mobile."
}
```

Example(Invalid Data)

Request

`POST`

api/SignUp

Request Body

```json
{
    "Robot_ID": "23",
    "FullName": "test",
    "Email": "",
    "Mobile": "1234567890",
    "SignUpType": 30,
    "ClientSoftwareType": 1
}
```

Response Body

`400`

```
{
    "Code": "400",
    "Message": "Bad Request, Invalid Data Supply to request."
}
```

Example(Already have Register Account)

Request

`POST`

api/SignUp

Request Body

```
{
    "Robot_ID": "23",
    "FullName": "test",
    "Email": "test@experthubrobotics.com",
    "Mobile": "1234567890",
    "SignUpType": 30,
    "ClientSoftwareType": 1
}
```

Response Body

`400`

```
{
    "Code": "400",
    "Message": "Bad Request, Email already have Register Account. Please Sign In!"
}
```

Example(Robot ID Already Register)

Request

`POST`

api/SignUp

Request Body

```
{
    "Robot_ID": "23",
    "FullName": "test",
    "Email": "test@experthubrobotics.com",
```

```
        "Mobile": "1234567890",
        "SignUpType": 30,
        "ClientSoftwareType": 1
    }
```

Response Body

400

```
{
    "Code": "400",
    "Message": "Bad Request, Robot ID already connected with other client."
}
```

Verify OTP API

Purpose

To Verify account details via One Time Password on SignUp and Demo Account in ExperthubRobotics app.

Request

POST

api/VerifyOTP

Addtional Header Parameters

None.

URI Parameters

None.

Body Parameters

Name	Description	Type
CORPORATEID	Registerd Corporate ID.	integer
OTP	OTP get via Message.	integer

Note:

All Body Parameters are *mandatory*.

Request Formats

```
{
    "CORPORATEID": 1,
    "OTP": 1234567890
}
```

Response Information

Resource Description

Name	Description	Type
CORPORATEID	Registerd Corporate ID.	integer
Message	Status of OTP Verification.	string

Response Formats

```
{
  "CORPORATEID": 1,
  "Message": "sample string 2"
}
```

Example

Request

`POST`

api/VerifyOTP

Request Body

```
{
    "CORPORATEID": 1,
    "OTP": 1234567890
}
```

Response Body

`200`

```
{
    "CORPORATEID": 1,
    "Message": "OTP Verify Successfully."
}
```

Example(Empty / Null)

Request

`POST`

api/VerifyOTP

Request Body

```
{
    "OTP": 1234567890
}
```

Response Body

400

```
{
    "CORPORATEID": 0,
    "Message": "Bad Request, Mandatory parameters can not empty or null."
}
```

Example(Already Verify)

Request

POST

api/VerifyOTP

Request Body

```
{
    "CORPORATEID": 1,
    "OTP": 1234567890
}
```

Response Body

400

```
{
    "CORPORATEID": 0,
    "Message": "Bad Request, OTP Already Verify."
}
```

Example(Invalid OTP)

Request

POST

```
api/VerifyOTP
```

Request Body

```
{
    "CORPORATEID": 1,
    "OTP": 1234567890
}
```

Response Body

`400`

```
{
    "CORPORATEID": 16,
    "Message": "Bad Request, Invalid OTP."
}
```

Sign In API

Purpose

To SignIn in ExperthubRobotics app and get auth code for further requst to api.

Api responce is also contains details for the AUTH Code, Payment API Link, SMS API Details and Send Email Details to use in ExperthubRotobics app.

Request

`POST`

```
api/SignIn?Robot_ID={Robot_ID}&EMAIL_ID={EMAIL_ID}&PASSWORD={PASSWORD}
```

Addtional Header Parameters

None.

URI Parameters

Name	Description	Type
Robot_ID	Robot ID in which app install Installed.	string
EMAIL_ID	Application Sign in Email ID.	string
PASSWORD	Application Sign in Password.	string

Body Parameters

None.

> **Note:**
>
> All URL Parameters are *mandatory*.

Request Formats

```
api/SignIn?Robot_ID=1&EMAIL_ID=test@experthubrobotics.com&PASSWORD=kyVC0k0h71HccYcXkn6H2w==
```

Response Information

Resource Description

Name	Description	Type
CORPORATEID	Registerd Corporate ID.	integer
Company	Firm/ Organization Name.	string
ClientName	Client Full Name.	string
ClientPhone	Client Number.	string
AuthenticationCode	Autentication Code.	string
AuthenticationPeriod	Autentication days.	integer
AuthenticationDate	Autentication Date.	date
BGHome	Application Home Background Image.	string
BGMain	Application Inner Pages Background Image.	string
AppIcon	Application Icon Image.	string
MenuIcon	Application Checkout Icon Shows.	string
ColorCode	Application Color Code for the Button and Application.	string
ClientSoftwareType	Client Software Application Type.	string
PaymentLink	Application Checkout Payment Link	string
Moto	Moto	string

Child : apimap

Name	Description	Type
ClientID	Registerd Corporate ID	integer

Name	Description	Type
ClientSoftwareType	Firm Software Type	string
APIUrl	API Url(End Point)	string
OAuth	API Authentication Code(End Authentication Point) end to end encrypted.	string
Full_Name	Customer Full Name Field Maping	string
Mobile	Customer Mobile Field Maping	string
TableCode	Customer Table Number Field Maping	string
Order_ID	Order ID Field Maping	string
Order_Date	Order Date Field Maping	string
SubTotal	Order Sub Total Field Maping	string
VAT	Order VAT Field Maping	string
TIP	Order TIP Field Maping	string
ShareMyMeal	Order Share My Meal Field Maping	string
PaymentMode	Order Payment Mode Field Maping	string
isActive	Order Status Field Maping	string
ItemCollection	Order Items Collection Field Maping	string
Item_ID	Order Item ID Field Maping	string
Item_Name	Order Item Name Maping	string
Quantity	Order Quantity Field Maping	string
price	Order Price Field Maping	string
isActive_Item	Order Item Status Field Maping	string

Name	Description	Type
SMSAPIUrl	SMS Provider API URL/End Point	string
SMSAPIUserName	SMS Provider Username, Will be End to End Encrypted	string
SMSAPIPassword	SMS Provider Password, Will be End to End Encrypted	string
SMSAPICallbackQueryString	Optional SMS Provider CallbackQueryString if any.	string
SMSAPIPriority	Optional SMS Sending Priority.	string
EmailFrom	Email From Address	string
EmailCC	Email CC Address if any.	string
EmailBCC	Email BCC Address if any.	string
EmailSMTP	Email sending smtp for sending email.	string
EmailPORT	Email Port for sending email.	string
EmailUser	Email Address for sending email Network Credentials. End to End Encrypted.	string
EmailPassword	Email Password for sending email Network Credentials. End to End Encrypted.	string

Response Formats

```
[
    {
        "CORPORATEID": 1,
        "Company": "sample string 2",
        "ClientName": "sample string 3",
        "ClientPhone": "sample string 4",
        "AuthenticationCode": "sample string 5",
        "AuthenticationPeriod": 6,
        "AuthenticationDate": "2020-12-07T16:45:34.7917875+05:30",
        "BGHome": "sample string 8",
        "BGMain": "sample string 9",
        "AppIcon": "sample string 10",
        "MenuIcon": "sample string 11",
        "ColorCode": "sample string 12",
        "ClientSoftwareType": "sample string 13",
        "PaymentLink": "sample string 14",
        "Moto": "sample string 15",
        "apimap": {
            "ClientID": 1,
            "ClientSoftwareType": "sample string 2",
            "APIUrl": "sample string 3",
            "OAuth": "sample string 4",
            "Full_Name": "sample string 5",
            "Mobile": "sample string 6",
            "TableCode": "sample string 7",
```

```
        "Order_ID": "sample string 8",
        "Order_Date": "sample string 9",
        "SubTotal": "sample string 10",
        "VAT": "sample string 11",
        "TIP": "sample string 12",
        "ShareMyMeal": "sample string 13",
        "PaymentMode": "sample string 14",
        "isActive": "sample string 15",
        "ItemCollection": "sample string 16",
        "Item_ID": "sample string 17",
        "Item_Name": "sample string 18",
        "Quantity": "sample string 19",
        "price": "sample string 20",
        "isActive_Item": "sample string 21",
        "SMSAPIUrl": "sample string 22",
        "SMSAPIUserName": "sample string 23",
        "SMSAPIPassword": "sample string 24",
        "SMSAPICallbackQueryString": "sample string 25",
        "SMSAPIPriority": "sample string 26",
        "EmailFrom": "sample string 27",
        "EmailCC": "sample string 28",
        "EmailBCC": "sample string 29",
        "EmailSMTP": "sample string 30",
        "EmailPORT": "sample string 31",
        "EmailUser": "sample string 32",
        "EmailPassword": "sample string 33"
      }
    }
]
```

Example

Request

POST

```
api/SignIn?Robot_ID=1&EMAIL_ID=test@experthubrobotics.com&PASSWORD=kyVC0k0h71HccYcXkn6H2w==
```

Response Body

200

```
[
    {
        "CORPORATEID": 1,
        "Company": "YOUR COMPANY",
        "ClientName": "YOUR NAME",
        "ClientPhone": "1234567890",
        "AuthenticationCode": "c335bd96-3d99-36cd-b34d-d9b0b027920f",
        "AuthenticationPeriod": 30,
        "AuthenticationDate": "2020-12-07T18:18:15.1342341+05:30",
        "BGHome": "splash_bottom.jpg",
        "BGMain": "splash_bottom_sub.jpg",
        "AppIcon": "logo.png",
        "MenuIcon": "icon_fork.png",
        "ColorCode": "#F95009",
        "ClientSoftwareType": "1",
        "PaymentLink": "",
        "Moto": "your company moto goes here",
        "apimap": {
            "ClientID": 1,
            "ClientSoftwareType": "1",
            "APIUrl": "http://abc.com/Order?ClientID=123&ClientSoftwareType=123",
            "OAuth": "XHVk7gBXuKEbGLQKGTW29aOItHbX7i7e/pwL8IW8ZvuCBtVOvDy+AntTBym8iPaE",
            "Full_Name": "FullName",
```

```
                "Mobile": "Mobile",
                "TableCode": "TableCode",
                "Order_ID": "OrderID",
                "Order_Date": "OrderDate",
                "SubTotal": "SubTotal",
                "VAT": "VAT",
                "TIP": "TIP",
                "ShareMyMeal": "ShareMyMeal",
                "PaymentMode": "PaymentMode",
                "isActive": "isActive",
                "ItemCollection": "orderItem",
                "Item_ID": "ItemID",
                "Item_Name": "ItemName",
                "Quantity": "Quantity",
                "price": "price",
                "isActive_Item": "isActive",
                "SMSAPIUrl": "http://abc.com/webservices/HttpReceiver.asmx/SubmitSms?",
                "SMSAPIUserName": "wMdWbMHjhTSGbBk6k8EgcA==",
                "SMSAPIPassword": "qXb4EKXYV0tCdbzWZr2k0Q==",
                "SMSAPICallbackQueryString": "URLEncodedCallBackURL",
                "SMSAPIPriority": "Priority",
                "EmailFrom": "",
                "EmailCC": "",
                "EmailBCC": "",
                "EmailSMTP": "",
                "EmailPORT": "",
                "EmailUser": "",
                "EmailPassword": ""
            }
        }
]
```

Example(Expired Login)

Request

`POST`

```
api/SignIn?Robot_ID=1&EMAIL_ID=test@experthubrobotics.com&PASSWORD=kyVC0k0h71HccYcXkn6H2w==
```

Response Body

`200`

```
[
    {
        "Code": "200",
        "Message": "Expired Login, Expired login access since 15 days."
    }
]
```

Example(Not Found)

Request

POST

api/SignIn?EMAIL_ID=test@experthubrobotics.com&PASSWORD=kyVC0k0h71HccYcXkn6H2w==

Response Body

404

```
{
    "Message": "No HTTP resource was found that matches the request
URI 'api/SignIn?EMAIL_ID=BOL-GAPPA@gmail.com&PASSWORD=kyVC0k0h71HccYcXkn6H2w=='."
}
```

Example(Invalid)

Request

POST

api/SignIn?Robot_ID=1&EMAIL_ID=test@experthubrobotics.com&PASSWORD=kyVC0k0h71HccYcXkn6H2w==

Response Body

400

```
[
    {
        "Code": "400",
        "Message": "Bad Request, Invalid Robot ID, Email and Password."
    }
]
```

Example(Plain Password)

Request

POST

api/SignIn?Robot_ID=1&EMAIL_ID=test@experthubrobotics.com&PASSWORD=12345

Response Body

400

```
[
    {
        "Code": "400",
        "Message": "Bad Request, An error has occurred while password is decrypt. Password has not end to end
encrypted."
    }
]
```

Example(NULL / Empty)

Request

`POST`

```
api/SignIn?Robot_ID=1&EMAIL_ID=&PASSWORD=kyVC0k0h71HccYcXkn6H2w==
```

Response Body

`400`

```
[
    {
        "Code": "400",
        "Message": "Bad Request, Mandatory parameters can not empty or null."
    }
]
```

Menu API

Purpose

To get MainMenu, SubMenu, InnerSubMenu, Product(Item) and AddOns in ExperthubRobotics app.

Request

`POST`

```
api/Menu/Items?RobotID={RobotID}&ClientID={ClientID}
```

Addtional Header Parameters

Name	Description	Type
auth	"Authentication code" get while sign in.	string

URI Parameters

Name	Description	Type
RobotID	Robot ID in which app install Installed.	string
ClientID	Client ID register with robot.	string

Body Parameters

None.

Request Formats

```
api/Menu/Items?RobotID=1&ClientID=1
auth : " < authentication code hear as header > "
```

Response Information

Resource Description

Name	Description	Type
ClientID	Registerd Corporate ID	integer
ItemID	Unique Items ID	integer
MainMenu	Main Menu of Items	string
SubMenu	Sub Menu of Items	string
InnerSubMenu	Inner Sub Menu of Items(optional if any, Items will be in Sub Menu)	string
ItemName	Item Name	string
CURRENCY	Item's CURRENCY AED/USD/INR etc.	string
ItemPrice	Item's Price	decimal number
ItemDetails	Item's description	string
ImageTitle	Image Name	string
ItemType	Item Type MainMenu/ SubMenu/ InnerSubMenu/ Item	string
AgeRestricted	Item is Restricted For the Age Limit returen true/ false.	bool
GenderRestricted	Item is Restricted For the Male / Female / No.	string
MuslimRestricted	Item is Restricted For Muslim.	bool
OrderBy	Order Item while display on Application.	integer

Name	Description	Type
AddOns	List of Add Ons in Item	Collection of **AddOn**

Child : AddOns

Name	Description	Type
AddONID	Unique AddOn ID	integer
AddON	AddOn Itme Name	string
PriceAddON	AddOn Price	decimal number
AddONImage	AddOn Image	string
AddONDetails	AddOn description	string

Response Formats

```
[
  {
    "ClientID": 1,
    "ItemID": 2,
    "MainMenu": "sample string 3",
    "SubMenu": "sample string 4",
    "InnerSubMenu": "sample string",
    "ItemName": "sample string 5",
    "CURRENCY": "sample string 6"
    "ItemPrice": 6.0,
    "ItemDetails": "sample string 7",
    "ImageTitle": "sample string 8",
    "ItemType": "sample string 9",
    "AgeRestricted": false,
    "GenderRestricted": 'No',
    "MuslimRestricted": false,
    "OrderBy": 10,
    "AddOns": [
      {
        "AddONID": 1,
        "AddON": "sample string 2",
        "PriceAddON": 3.0,
        "AddONImage": "sample string 4",
        "AddONDetails": "sample string 5"
      },
      {
        "AddONID": 1,
        "AddON": "sample string 2",
        "PriceAddON": 3.0,
        "AddONImage": "sample string 4",
        "AddONDetails": "sample string 5"
      }
    ]
  },
  {
    "ClientID": 1,
    "ItemID": 2,
    "MainMenu": "sample string 3",
    "SubMenu": "sample string 4",
    "InnerSubMenu": "sample string",
    "ItemName": "sample string 5",
    "CURRENCY": "sample string 6"
    "ItemPrice": 6.0,
```

```
        "ItemDetails": "sample string 7",
        "ImageTitle": "sample string 8",
        "ItemType": "sample string 9",
        "AgeRestricted": false,
        "GenderRestricted": 'No',
        "MuslimRestricted": false,
        "OrderBy": 10,
        "AddOns": []
    }
]
```

Example

Request

POST

api/Menu/Items?RobotID=1&ClientID=1

Addtional Header Parameters

auth : "c335bd96-3d99-36cd-b34d-d9b0b027920f"

Response Body

200

```
[
    {
        "ClientID": 0,
        "ItemID": 1,
        "MainMenu": "Beverage",
        "SubMenu": "",
        "InnerSubMenu": "",
        "ItemName": "",
        "CURRENCY" :"",
        "ItemPrice": 0.00,
        "ItemDetails": "",
        "ImageTitle": "MainMenu.png",
        "ItemType": "MainMenu",
        "AgeRestricted": false,
        "GenderRestricted": 'No',
        "MuslimRestricted": false,
        "OrderBy": 1000,
        "AddOns": []
    },
    {
        "ClientID": 0,
        "ItemID": 2,
        "MainMenu": "Soft Drinks",
        "SubMenu": "",
        "InnerSubMenu": "",
        "ItemName": "",
        "CURRENCY" :"",
        "ItemPrice": 0.00,
        "ItemDetails": "",
        "ImageTitle": "SoftDrinks.png",
        "ItemType": "SubMenu",
        "AgeRestricted": false,
        "GenderRestricted": 'Male',
        "MuslimRestricted": false,
        "OrderBy": 1000,
        "AddOns": []
    },
    {
        "ClientID": 0,
```

```
    "ItemID": 3,
    "MainMenu": "XYZ Drink",
    "SubMenu": "",
    "InnerSubMenu": "",
    "ItemName": "",
    "CURRENCY" :"AED",
    "ItemPrice": 20.00,
    "ItemDetails": "XYZ Drink is good for the health.",
    "ImageTitle": "XYZDrink.png",
    "ItemType": "Item",
    "AgeRestricted": false,
    "GenderRestricted": 'Female',
    "MuslimRestricted": false,
    "OrderBy": 1000,
    "AddOns": [
        {
            "AddONID": 1,
            "AddON": "Diet",
            "PriceAddON": 5.00,
            "AddONImage": "",
            "AddONDetails": "XYZ Drink is best for the health."
        },
        {
            "AddONID": 2,
            "AddON": "Cold",
            "PriceAddON": 2.00,
            "AddONImage": "",
            "AddONDetails": "XYZ Drink is best for the health."
        }
    ]
    }
]
```

Example(Unauthorized/ Expired Login)

Request

`POST`

```
api/Menu/Items?RobotID=1&ClientID=1
```

Addtional Header Parameters

auth : "c335bd96-3d99-36cd-b34d-d9b0b027920f"

Response Body

`401`

```
[
    {
        "Code": "403",
        "Message": "Unauthorized Request, invalid authentication token."
    }
]
```

Example(Not Found)

Request

`POST`

api/Menu/Items?RobotID=1&ClientID=1

Addtional Header Parameters

auth : ""
if auth not supply / empty.

Response Body

`404`

```
[
    {
        "Code": "400",
        "Message": "Bad Request, authentication token Not Found."
    }
]
```

Example(No Item)

Request

`POST`

api/Menu/Items?RobotID=1&ClientID=1

Addtional Header Parameters

auth : "c335bd96-3d99-36cd-b34d-d9b0b027920f"

Response Body

`404`

```
[
    {
        "Code": "404",
        "Message": "Not Found, No product / item Found in account."
    }
]
```

Example(Null / Empty Peram)

Request

`POST`

api/Menu/Items?RobotID=1&ClientID=

Addtional Header Parameters

auth : "c335bd96-3d99-36cd-b34d-d9b0b027920f"

Response Body

`400`

```
[
    {
        "Code": "400",
        "Message": "Bad Request, Mandatory parameters can not empty or null."
    }
]
```