



# CONSENT MANAGEMENT SYSTEM

Version 1.01

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## Change History

Version	Detail of Change	Date
1.00	Initial Document	08/04/2020
1.01	<b>Add Api Detail</b>	09/04/2020

## Project Overview

- เนื่องจาก พ.ร.บ.คุ้มครองข้อมูลส่วนบุคคล พ.ศ.2562 หรือ PDPA ( Personal Data Protection Act ) จะมีผลบังคับใช้วันที่ 27 พ.ค.2563 และใน พ.ร.บ ได้ระบุว่า บริษัทต้องขอ**ความยินยอม(Consent)** จากเจ้าของข้อมูลก่อนเก็บหรือนำข้อมูลไปใช้
- ช่องทางการขอความยินยอม
  - ทางกระดาษ
  - ทางอิเล็กทรอนิกส์

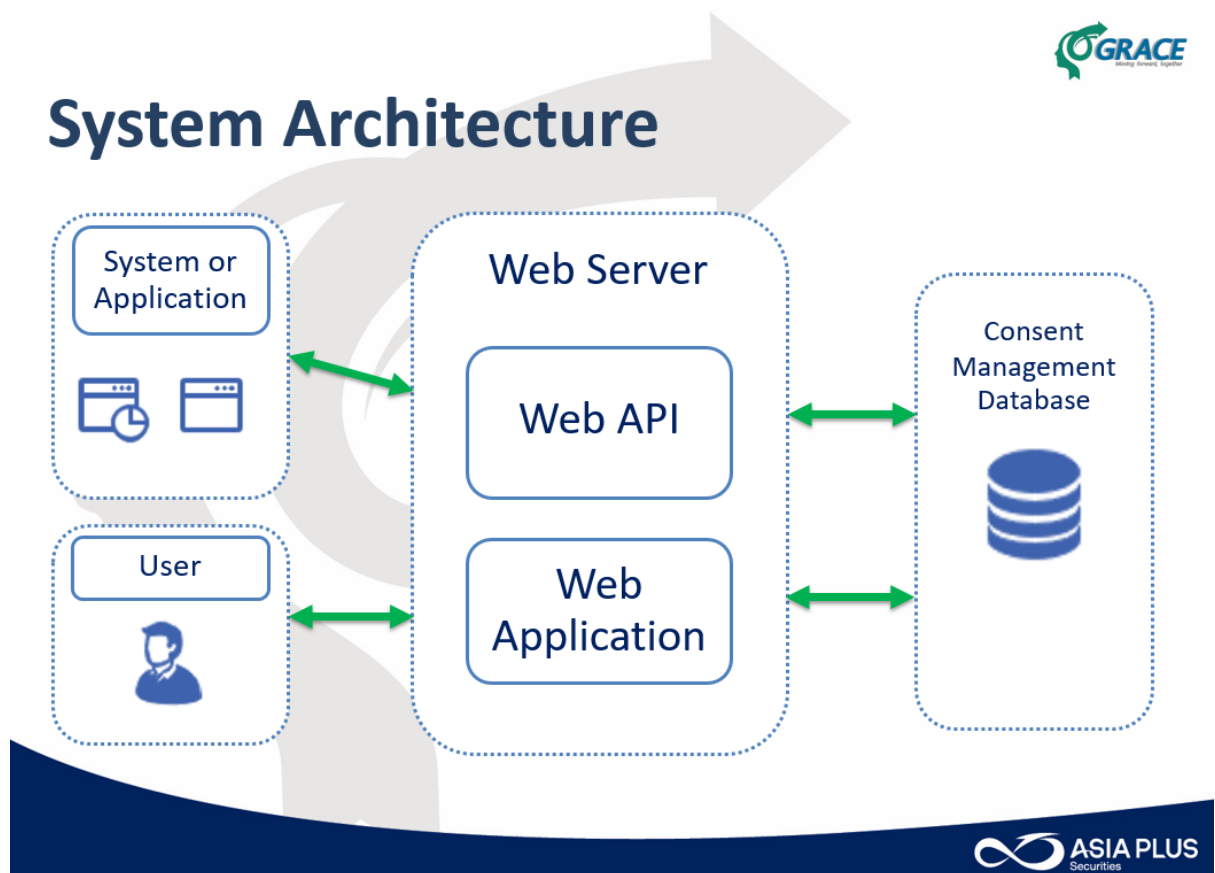
## Requirement

- พัฒนาระบบเพื่อรองรับการทำ consent จากลูกค้า
- เป็นตัวกลางในเก็บข้อมูล consent ที่มาจาก touch point ต่างๆ

- ให้บริการข้อมูลสำหรับระบบต่างๆ
  - (Consent Management API)
- มีระบบให้ผู้ที่เกี่ยวข้องสามารถบริหารจัดการ
  - (Consent Management Web Application)

## System Architecture

- System Architecture ของระบบ



## API Detail

## Get Token

ใช้ Request เรียก token สำหรับยืนยันตัวตนในการเรียกใช้งาน Back Office API

URL: <https://backofficedev.asiaplus.co.th/restauthentication/api/TokenForAuthenRestAPI/GetToken>

METHOD: POST

HEADERS: application/json

BODY: {

```
"ClientCode":"CLIENT_CONSENT1",
"JWTRequestUserName":"ConsentClientUser1",
"JWTRequestPassword":"asv532!?!@X039*+-%#"
```

RETURN DATA: {

```
"jwtTokenID": "2f23c747-7215-4913-8d61-d4225e995e7e",
```

```
"jwtToken":
```

"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJDbGllbnRDdb2RIljojQ0xRU5UX0NPTINFTlQxliwiVmVuZG9yTmFtZSI6IkFzaWFwYVZlElulEhvdXNIiwiU3IzdGVtTmFtZSI6IkNPTINFTlQxLiJCkV1RTZWNYXRlZXIOYW1IljojS0VZX0NPTINFTlQxliwiUmVtYXJrIjojVVNFIEZPUiBDOT05TRU5UIENMSUVVOVCAxliwianRpljoiMmYyM2M3NDctNzlxNS00OTEzLThkNjEtZDQyMjVlOTk1ZDdlIiwiaXhwIjoxNTg2MzM2NjQ1LCJpc3MiOiJo dHRwciovL2JhY2tvZmZpY2VkZXlyYXNpYXBsdXMud28udGgiLCJhdWQiOiJodHRwciovL2NvbnNlbnQu YXNpYXBsdXMud28udGgifQ.wa-FngdvoB0G95vKvlh5aadYzj3FekYnbpJJ8iVji3A",

```
"currentDateTime": "2020-04-08T16:01:05+07:00",
```

```
"expiredDateTime": "2020-04-08T16:04:05+07:00"
```

}

ส่วนที่เป็นสีเขียวคือ token สำหรับนำไปใช้งานให้นำไปใส่ Header ก่อนเรียกใช้งาน API

The screenshot shows the Swagger UI interface for a REST API. The method is POST, and the URL is `https://backoffice.dev.asiaplus.co.th/ConsentManagementApi/apl/QueryConsentForm`. The request body is a JSON object with the following fields: `consentFormId` (value: "B27AB9EA-56DC-4369-B3F9-F3D1CCFC49E6"), `systemName` (value: "SystemTest"), and `systemIpAddress` (value: "172.20.33.72"). The response body is a JSON object with the same fields. The interface includes tabs for Headers, Body, and Response, and a 'Send' button.

## Query Consent Form

URL: <https://backofficedev.asiaplus.co.th/wexternal/api/consent/QueryConsentForm>

METHOD: **POST**

HEADERS: application/json

### REQUEST BODY SCHEMA

```
{
  consentFormId    string($uuid)
  systemName       string
  systemIpAddress  string
}
```

### REQUEST BODY EXAMPLE

```
{
  "consentFormId": "B27AB9EA-56DC-4369-B3F9-F3D1CCFC49E6",
  "systemName": "SystemTest",
  "systemIpAddress": "172.20.33.72"
}
```

```
{
  consentFormID: "b27ab9ea-56dc-4369-b3f9-f3d1ccfc49e6",
  consent: [
    {
      consentID: "6f24745c-40ec-4ac7-a933-9d6b4f589fff",
      titleName: "title1",
      consentOrder: 1,
      contentHtml: "<p style='Color:Red;Font-Size:2px'>I have read and",
      contentText: "I have read and agreed to the Terms and Conditions",
      remark: "",
      createDate: "2020-03-26T17:47:01"
    },
    { consentID: "f73d49fd-eb8d-44ec-ac6d-d702f8327133", titleName: "t" },
    { consentID: "342efac3-e78e-4f91-b2af-e7b7da364d82", titleName: "t" }
  ]
}
```

## Query Customer Consent Detail

URL: <https://backofficedev.asiaplus.co.th/wexternal/api/consent/QueryCustomerConsentDetail>

METHOD: **POST**

HEADERS: application/json

### REQUEST BODY SCHEMA

```
{
  accountNo      string
  systemName     string
  systemIpAddress string
}
```

### REQUEST BODY EXAMPLE

```
{
  "accountNo": "X0040",
  "systemName": "SystemTest",
  "systemIpAddress": "172.20.33.72"
}
```

```
{
  consentAcceptedForm: {
    transactionID: "2c934551-a91-4f6b-9c7e-8919887827cd",
    accountNo: "X0050",
    consentFormID: "b27ab9ea-56dc-4369-b3f9-f3d1ccfc49e6",
    consentDate: "2020-04-05T22:40:30"
  },
  consentAcceptedDetail: [
    {
      consent: { consentID: "6f24745c-40ec-4ac7-a933-9d6b4f589fff", titleName: "t" },
      isAccept: true
    },
    {
      consent: { consentID: "342efac3-e78e-4f91-b2af-e7b7da364d82", titleName: "t" },
      isAccept: true
    },
    {
      consent: { consentID: "f73d49fd-eb8d-44ec-ac6d-d702f8327133", titleName: "t" },
      isAccept: true
    }
  ],
  remark: ""
}
```

## Add Customer Accepted Consent API

URL: <https://backofficedev.asiaplus.co.th/wexternal/api/consent/AddCustomerAcceptedConsent>

METHOD: **POST**

HEADERS: application/json

### REQUEST BODY SCHEMA

```
{
  accountNo          string
  consentFormId      string($uuid)
  consentAccepted    [SaveCustomerAcceptedConsentDetailModel{
    consentId        string($uuid)
    isAccepted        boolean
  }]
  consentDate        string($date-time)
  systemName         string
  systemIpAddress    string
  customerIpAddress  string
  remark             string
}
```

```
{
  "accountNo": "X0060",
  "consentFormId": "B27AB9EA-56DC-4369-B3F9-F3D1CCFC49E6",
  "consentAccepted": [
    {
      "consentId": "6F24745C-40EC-4AC7-A933-9D6B4F589FFF",
      "isAccepted": true
    },
    {
      "consentId": "F73D49FD-EB8D-44EC-AC6D-D702F8327133",
      "isAccepted": false
    },
    {
      "consentId": "342EFAC3-E78E-4F91-B2AF-E7B7DA364D82",
      "isAccepted": true
    }
  ],
  "consentDate": "2020-04-01T09:31:04.379Z",
  "systemName": "SystemTest",
  "systemIpAddress": "172.20.33.72",
  "customerIpAddress": "172.20.33.500",
  "remark": ""
}
```

## Update Customer Accepted Consent API

URL: <https://backofficedev.asiaplus.co.th/wexternal/api/consent/UpdateCustomerAcceptedConsent>

METHOD: **POST**

HEADERS: application/json

### REQUEST BODY SCHEMA

```
{
  accountNo          string
  consentFormId      string($uuid)
  consentAccepted    [SaveCustomerAcceptedConsentDetailModel{
    consentId        string($uuid)
    isAccepted        boolean
  }]
  consentDate        string($date-time)
  systemName         string
  systemIpAddress    string
  customerIpAddress  string
  remark             string
}
```

```
{
  "accountNo": "X0061",
  "consentFormId": "B27AB9EA-56DC-4369-B3F9-F3D1CCFC49E6",
  "consentAccepted": [
    {
      "consentId": "6F24745C-40EC-4AC7-A933-9D6B4F589FFF",
      "isAccepted": true
    },
    {
      "consentId": "F73D49FD-EB8D-44EC-AC6D-D702F8327133",
      "isAccepted": false
    },
    {
      "consentId": "342EFAC3-E78E-4F91-B2AF-E7B7DA364D82",
      "isAccepted": true
    }
  ],
  "consentDate": "2020-04-01T09:31:04.379Z",
  "systemName": "SystemTest",
  "systemIpAddress": "172.20.33.72",
  "customerIpAddress": "172.20.33.50",
  "remark": ""
}
```

## Web Application

Administrator

Consent Data Management

Customer Consent Management