Innovative IT

M&R Clara – Word press external API Integration

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1. PURPOSE OF INTEGRATION

Through Website, there is provision needs to be enabled to create new Inquiry to the newly developing M&R Clara portal. To enable this feature, there is API has been exposed from M&R Clara application through which Wordpress data can be passed to create new Inquiries. Word press can consume the exposed API to pass the required details to M&R Clara application. This

2. SCOPE OF EXTERNAL API

M&R Clara has exposed external API to collect the website user's data to create Inquiries. Word press needs to consume the basic information of users from their database and send to M&R Clara application.

3. INTEGRATION APPROACH

I. APPROACH

Steps are given below for the API Integration.

a. STEP1: CONSUMER REGISTRATION

Purpose: This API is for getting to know who is accessing the Clara application as an external client. Basically, this is to encourage any new vendor to register themselves to reach Clara application.

Endpoint: [POST] /register-app-client

Provide Consumer OR client name to register the consumer and this should be a unique name to identify the consumers. Obtain the Client Secret Id from the API response.

Sample Request URL:

http://27.7.57.232:8824/mnrclara/api-dev/services/register-app-client?clientName=Test2

API Response:
```
{
  "registerId": "JZzGLJhnRQ",
  "clientName": "Test2",
  "clientSecretId": "pixeltrice"
}
```

b. STEP 2: GET CLIENT SECRET KEY

Purpose: This API is for to get the Secret Key for the registered client ID.

Endpoint: [POST] /client-secret-key

Request URL:

http://27.7.57.232:8824/mnrclara/api-dev/services/client-secret-key

Supply the generated registerId and ClientSecretId as Input.

Request JSON: [sample]

```
{
  "registerId": "XvZhZ9SR7f",
  "clientSecretId": "pixeltrice"
}
```

API Response:

```
{
  "client-secret-key": "pixeltrice-secret-key"
}
```

c. STEP 3: GENERATE OAUTH TOKEN

Purpose: This API helps to generate the OAuth Access token using which the subsequent API requests can be processed.

Endpoint: [POST] /auth-token

Request URL:

http://27.7.57.232:8824/mnrclara/api-dev/services/auth-token

Request JSON:

```
{
  "clientId": "pixeltrice",
  "clientSecretKey": "pixeltrice-secret-key",
  "grantType": "password",
  "oauthPassword": "mnrclara",
  "oauthUserName": "mnrclara",
  "apiName": "mnr-crm-service"
}
```

API Response:

```
{
  "access_token": "eyJhbGciOiJIUzI1NiJ9.eyJleHAiOjE2MzU1MTkxNDYsInVzZXJfbmFtZSI6Im1ucmNsYXJhIiwiYXV0aG9yaXRpZXMiOlsiUk9MRV9TWVNURU1BRE1JTiJdLCJqdGkiOiJ5WjBBV3IydXhldzhjMlBOVFNSVDROZkFpcDAiLCJjbGllbnRfaWQiOiJwaXhlbHRyaWNliwic2NvcGUiOlsicmVhZCIsIndyaXRlIl19.OPH3kmf_XdhWtH6JsOFZomx7zh4BHODh0IcuUiFrVDc",
  "token_type": "bearer",
  "refresh_token": "eyJhbGciOiJIUzI1NiJ9.eyJ1c2VyX25hbWUiOiJtbnJjbGFyYSIsInNjb3BlIjpbInJlYWQiLCJ3cml0ZSJdLCJhdGkiOiJ5WjBBV3IyXhldzhjMlBOVFNSVDROZkFpcDAiLCJleHAiOjE2MzU1MTkxNDYsImF1dGhvcml0aWVzIjpbIlJPTEVfU1lTVEVNQURNSU4iXSwianRpIjoid2haYktENnBIOWQtV2Rjd3JpVFpqZ2hMNFA0IiwiY2xpZW50X2lkIjoicGI4ZWx0cmljZSJ9.mzxdBDi5JO2GuLs3EgTDtUEOkqph4yIdbE0yb2agqTU",
  "expires_in": "19999",
  "scope": "read write",
  "jti": "yZ0AWr2uxew8c2PNTSRT4NfAip0"
```

}

d. STEP 4: ACCESS EXTERNAL API

Endpoint: [POST] /inquiry/external

Request URL:

http://27.7.57.232:8824/mnrclara/api-dev/services/mnr-crm-service/inquiry/external

Request JSON:

```
{
  "serviceType": "string",
  "email": "string",
  "firstName": "string",
  "language": "string",
  "lastName": "string",
  "legelIssueDescription": "string",
  "message": "string",
  "phone": "string",
  "preferabalCommunicationMedium": "string",
  "zipCode": "string",
  "formId": ""
}
```

4. APPENDIX

N/A