Web Services Documentation for

Outreach Core API

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| --- | --- | --- | --- |
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**Methods :**

|  |
| --- |
| Generic Response Type |

All response to the APIs in the subsequent sections will have the following structure for the web service response.

"header": {

"code": 0,

"message": "",

"total\_count": 234

},

"body": [

Array of Requested Data Structure

]

The code field identifies whether the response is success or failure. If the value of code is 0 then it is a success else it is a failure. The following is a sample failure response. Only header is sent for failure scenarios.

{

"header": {

"code": 1001,

"message": "No records found",

}

}

|  |
| --- |
| Authentication and Authorization Service |

#### 2.1 API to retrieve Access Token

Use the following web service to get an access token.

|  |  |  |  |
| --- | --- | --- | --- |
| **AUTHENTICATION** | **TRANSPORT** | **HTTP METHOD** | **END POINT** |
| - | SSL | POST | /service/user/auth |  |  | TRANSPORT |

|  |  |
| --- | --- |
| **REQUEST JSON** | **HTTP HEADERS** |
| {  "email":"a@b.com",  "password":"pa55w0rd"  } | Content-Type:  application/json  Accept:  application/json |  |  | TRANSPORT |

|  |  |  |  |
| --- | --- | --- | --- |
| **Main Params** | **Values** | **Required** | **Description** |
| email | String | Yes | Email |
| password | String | Yes | Password |

**Response:**

|  |  |
| --- | --- |
| **Status** | **Success Response** |
| **HTTP**  **200 OK** | {     "access\_token": "94134def-1775-4d85-9b5d-a856e51",    "expires\_in": 1419939427717,    "token\_type": "Bearer"  } |
| **Failure Response** | |
| HTTP 401Unauthorized | |

|  |
| --- |
| 1. Client Service |

#### 3.1 Date of Engagement Data Structure

#### The following sample JSON represents a Client object (CLIENT\_OBJECT).

{

"ID": 101,

"FirstName": "Edward",

"MiddleName": "Barnaby",

"LastName": "Jones",

"NameSuffix": "Sr.",

"NameDataQuality": 9,

"SSN": "7xxx9xx8x",

"SSNDataQuality": 2,

"DOB": "2014-11-18",

"DOBDataQuality": 1,

"Gender": 3,

"OtherGender": "intersex",

"Ethnicity": 0,

"Race": 8,

"VeteranStatus": 9,

"VeteranInfo": {

"ID": 787,

"YearEnteredService": "2002",

"YearSeparated": "2004",

"WorldWarII": "0",

"KoreanWar": "99",

"VietnamWar": "1",

"DesertStorm": "0",

"AfghanistanOEF": "8",

"IraqOIF": "9",

"IraqOND": "99",

"OtherTheater": "8",

"MilitaryBranch": "8",

"DischargeStatus": "6"

}

}

#### 3.2 Add New Client

|  |  |  |  |
| --- | --- | --- | --- |
| **AUTHENTICATION** | **TRANSPORT** | **HTTP METHOD** | **END POINT** |
| HTTP Header  Authorization: Bearer <BASE64 Encoded Access Token> Refer section 2.1 to Retrieve Access Token | SSL | POST | /service/client |  |  | TRANSPORT |

|  |  |
| --- | --- |
| **REQUEST JSON** | **HTTP HEADERS** |
| CLIENT\_OBJECT (Refer 3.1)  The following fields must NOT be specified  ID of Client ,ID of VeteranInfo if applicable | Content-Type:  application/json  Accept:  application/json |  |  | TRANSPORT |

|  |  |  |  |
| --- | --- | --- | --- |
| **Main Params** | **Values** | **Required** | **Description** |
| ID | Integer | Yes | Id |
| FirstName | String | Yes | First Name |
| MiddleName | String | Yes | Middle Name |
| LastName | String | Yes | Last Name |
| NameSuffix | String | Yes | Name Suffix |
| NameDataQuality | Integer | Yes | Name Data Quality |
| SSN | String | Yes | Social Security Number |
| SSNDataQuality | Integer | Yes | Social Security Number Data Quality |
| DOB | String | Yes | Data Of Birth |
| DOBDataQuality | Integer | Yes | Data Of Birth Data Quality |
| Gender | Integer | Yes | Gender |
| OtherGender | String | Yes | Other Gender |
| Ethnicity | Integer | Yes | Ethnicity |
| Race | Integer | Yes | Race |
| VeteranStatus | Integer | Yes | Veteran Status |
| VeteranInfo | Table | Yes | Veteran Info |
| ID | Integer | Yes | ID |
| Year | String | Yes | Year Entered Service |
| YearSeparated | String | Yes | Year Separated |
| WorldWarII | String | Yes | World WarII |
| KoreanWar | String | Yes | Korean War |
| VietnamWar | String | Yes | Vietnam War |
| DesertStorm | String | Yes | Desert Storm |
| AfghanistanOEF | String | Yes | Afghanistan OEF |
| IraqOIF | String | Yes | Iraq OIF |
| OtherTheater | String | Yes | Other Theater |
| militarybranch | String | Yes | Military Branch |
| dischargestatus | String | Yes | Discharge Status |

**Response:**

|  |  |
| --- | --- |
| **Status** | **Success Response** |
| **HTTP**  **200 OK** | {  "header": {  "code": 0  },  "body": [  {  <CLIENT\_OBJECT>  }  ]  } |
| **Failure Response** | |
| HTTP 200 OK  {  "header": {  "code": 1001,  "message": "Failed to add"  }  } | |

#### Update Existing Client Information

|  |  |  |  |
| --- | --- | --- | --- |
| **AUTHENTICATION** | **TRANSPORT** | **HTTP METHOD** | **END POINT** |
| HTTP Header  Authorization: Bearer <BASE64 Encoded Access Token> Refer section 2.1 to Retrieve Access Token | SSL | PUT | /service/client |  |  | TRANSPORT |

|  |  |  |  |
| --- | --- | --- | --- |
| **Main Params** | **Values** | **Required** | **Description** |
| personalId | Integer | Yes | Personal ID |
| projectEntryId | Integer | Yes | Project Entry ID |
| veteranInfoId | Integer | Yes | Veteran Info ID |

|  |  |
| --- | --- |
| **REQUEST JSON** | **HTTP HEADERS** |
| CLIENT\_OBJECT (Refer 3.1) The following fields must be specified Personal ID, ProjectEntryID ,VeteranInfoID if applicable | Content-Type:  application/json  Accept:  application/json |  |  | TRANSPORT |

**Response:**

|  |  |
| --- | --- |
| **Status** | **Success Response** |
| **HTTP**  **200 OK** | {  "header": {  "code": 0  },  "body": [  {  <CLIENT\_OBJECT>  }  ]  } |
| **Failure Response** | |
| HTTP 200 OK  {  "header": {  "code": 1001,  "message": "Failed to update"  }  } | |

#### **3.4** Lookup Client by PersonalID

|  |  |  |  |
| --- | --- | --- | --- |
| **AUTHENTICATION** | **TRANSPORT** | **HTTP METHOD** | **END POINT** |
| HTTP Header  Authorization: Bearer <BASE64 Encoded Access Token> Refer section 2.1 to Retrieve Access Token | SSL | GET | /service/client/<PersonalID> |  |  | TRANSPORT |

|  |  |
| --- | --- |
| **REQUEST JSON** | **HTTP HEADERS** |
| - | Content-Type:  application/json  Accept:  application/json |  |  | TRANSPORT |

**Response:**

|  |  |
| --- | --- |
| **Status** | **Success Response** |
| **HTTP**  **200 OK** | {  "header": {  "code": 0  },  "body": [  {  <CLIENT\_OBJECT>  }  ]  } |
| **Failure Response** | |
| HTTP 200 OK  {  "header": {  "code": 1001,  "message": "Not Found"  }  } | |

#### Search Client by Search Attributes

|  |  |  |  |
| --- | --- | --- | --- |
| **AUTHENTICATION** | **TRANSPORT** | **HTTP METHOD** | **END POINT** |
| HTTP Header  Authorization: Bearer <BASE64 Encoded Access Token> Refer section 2.1 to Retrieve Access Token | SSL | GET | /service/client/search |  |  | TRANSPORT |

|  |  |  |  |
| --- | --- | --- | --- |
| **Main Params** | **Values** | **Required** | **Description** |
| firstname | String | Yes | First Name |
| lastname | String | Yes | Last name |
| ssn | Integer | Yes | Social Security Number |
| sage | Integer | Yes | Start Age |
| eage | Integer | Yes | End Age |
| start | Integer | Yes | Start Index |
| rows | Integer | Yes | No. of rows to return. Maximum value can be 10 |

|  |  |
| --- | --- |
| **Query Params** | **HTTP HEADERS** |
| {  "firstName": "john",  "lastName": "smith",  "ssn": "123",  "sAge": 30,  "eAge": 50,  "start": 1,  "rows": 10  }  firstName - First Name  lastName - Last Name  ssn - SSN  sAge - Start Age  eAge - End Age  start - Start Index  rows – No. of rows to return. Maximum value can be 10 | Content-Type:  application/json  Accept:  application/json |  |  | TRANSPORT |

**Response:**

|  |  |
| --- | --- |
| **Status** | **Success Response** |
| **HTTP**  **200 OK** | {  "header": {  "code": 0  },  "body": [  {  <CLIENT\_OBJECT>  },  {  <CLIENT\_OBJECT>  },  {  <CLIENT\_OBJECT>  },  ...  ]  } |
| **Failure Response** | |
| HTTP 200 OK  {  "header": {  "code": 1001,  "message": "Not Found"  }  } | |

|  |
| --- |
| Enrollment Service |

4.1 Enrollment Service Data Structure

The following sample JSON represents a Client object (CLIENT\_OBJECT).

{

"ID": 5642,

"PersonalID": {"ID": 563},

"EntryDate": "2016-04-12Z",

"HouseholdID": "a34563w",

"RelationshipToHoH": "1",

"ResidencePrior": "12",

"OtherResidencePrior": "some other residence text here",

"ResidencePriorLengthOfStay": "8",

"ContinuouslyHomelessOneYear": "8",

"TimesHomelessPastThreeYears": "0",

"MonthsHomelessPastThreeYears": "103",

"MonthsHomelessThisTime": "101",

"YearsHomeless": "3",

"StatusDocumented": "1",

"DisablingCondition": "9",

"HousingStatus": "6"

}

|  |  |  |  |
| --- | --- | --- | --- |
| **AUTHENTICATION** | **TRANSPORT** | **HTTP METHOD** | **END POINT** |
| HTTP Header  Authorization: Bearer <BASE64 Encoded Access Token> Refer section 2.1 to Retrieve Access Token | SSL | POST | /service/enrollment |  |  | TRANSPORT |

|  |  |
| --- | --- |
| **REQUEST JSON** | **HTTP HEADERS** |
| ENROLLMENT\_OBJECT(Refer section 3.1)  The following fields must **NOT** be specified ID | Content-Type:  application/json  Accept:  application/json |  |  | TRANSPORT |

|  |  |  |  |
| --- | --- | --- | --- |
| **Main Params** | **Values** | **Required** | **Description** |
| ID | Integer | Yes | ID |
| PersonalID | Integer | Yes | Personal ID |
| EntryDate | Date | Yes | Entry Date |
| HouseholdID | String | Yes | Household ID |
| RelationshipToHoH | String | Yes | Relationship To HoH |
| OtherResidencePrior | String | Yes | Other Residence Prior |
| ResidencePriorLengthOfStay | String | Yes | Residence Prior Length Of Stay |
| ContinuouslyHomelessOneYear | String | Yes | Continuously Homeless One Year |
| MonthsHomelessPastThreeYeas | String | Yes | Months Homeless Past Three Years |
| MonthsHomelessThisTime | String | Yes | Months Homeless This Time |
| YearsHomeless | String | Yes | Years Homeless |
| StatusDocumented | String | Yes | Status Documented |
| DisablingCondition | String | Yes | Disabling Condition |
| HousingStatus | String | Yes | Housing Status |

**Response:**

|  |  |
| --- | --- |
| **Status** | **Success Response** |
| **HTTP**  **200 OK** | {  "header": {  "code": 0  },  "body": [  {  <ENROLLMENT\_OBJECT>  }  ]  } |
| **Failure Response** | |
| {  "header": {  "code": 1001,  "message": "Failed to add"  }  } | |

#### 4.2 Update Existing Enrollment Information

|  |  |  |  |
| --- | --- | --- | --- |
| **AUTHENTICATION** | **TRANSPORT** | **HTTP METHOD** | **END POINT** |
| HTTP Header  Authorization: Bearer <BASE64 Encoded Access Token> Refer section 2.1 to Retrieve Access Token | SSL | PUT | /service/enrollment |  |  | TRANSPORT |

|  |  |  |  |
| --- | --- | --- | --- |
| **Main Params** | **Values** | **Required** | **Description** |
| ID | Integer | Yes | ID |

|  |  |
| --- | --- |
| **REQUEST JSON** | **HTTP HEADERS** |
| CLIENT\_OBJECT [Ref: 3.1]  The following fields must be specified ID | Content-Type:  application/json  Accept:  application/json |  |  | TRANSPORT |

**Response:**

|  |  |
| --- | --- |
| **Status** | **Success Response** |
| **HTTP**  **200 OK** | {  "header": {  "code": 0  },  "body": [  {  <ENROLLMENT\_OBJECT>  }  ]  } |
| **Failure Response** | |
| {  "header": {  "code": 1001,  "message": "Failed to update"  }  } | |

#### Get all enrollments for PersonalID

|  |  |  |  |
| --- | --- | --- | --- |
| **AUTHENTICATION** | **TRANSPORT** | **HTTP METHOD** | END POINT |
| HTTP Header  Authorization: Bearer <BASE64 Encoded Access Token> Refer section 2.1 to Retrieve Access Token | SSL | GET | /service/enrollment/{PersonalID} |  |  | TRANSPORT |

|  |  |  |  |
| --- | --- | --- | --- |
| **Main Params** | **Values** | **Required** | **Description** |
| ID | Integer | Yes | ID |

|  |  |
| --- | --- |
| **REQUEST JSON** | **HTTP HEADERS** |
| CLIENT\_OBJECT [Ref: 3.1]  The following fields must be specified ID | Content-Type:  application/json  Accept:  application/json |  |  | TRANSPORT |

**Response:**

|  |  |
| --- | --- |
| **Status** | **Success Response** |
| **HTTP**  **200 OK** | {  "header": {  "code": 0  },  "body": [  {  <ENROLLMENT\_OBJECT>  }  ]  } |
| **Failure Response** | |
| {  "header": {  "code": 1001,  "message": "Failed to update"  }  } | |

|  |
| --- |
| Disabilities Service |

### 5.1 Disabilities Service Data Structure

The following sample JSON represents a Disabilities object (DISABILITIES\_OBJECT).

{

"ID": 674,

"ProjectEntryID": {"ID": 343},

"DisabilityType": "10",

"DisabilityResponse": "2",

"IndefiniteAndImpairs": "9",

"DocumentationOnFile": "1",

"ReceivingServices": "99",

"PATHHowConfirmed": "1",

"PATHSMIInformation": "3"

}

#### 5.2 Add New Disability to existing client and enrollment

|  |  |  |  |
| --- | --- | --- | --- |
| **AUTHENTICATION** | **TRANSPORT** | **HTTP METHOD** | **END POINT** |
| HTTP Header  Authorization: Bearer <BASE64 Encoded Access Token> Refer section 2.1 to Retrieve Access Token | SSL | POST | /disability |  |  | TRANSPORT |

|  |  |  |  |
| --- | --- | --- | --- |
| **Main Params** | **Values** | **Required** | **Description** |
| ID | Integer | Yes | ID |
| ProjectEntryID | Integer | Yes | Projec tEntry ID |
| DisabilityType | String | Yes | Disability Type |
| DisabilityResponse | String | Yes | Disability Response |
| IndefiniteAndImpairs | String | Yes | Indefinite And Impairs |
| DocumentationOnFile | String | Yes | Documentation On File |
| ReceivingServices | String | Yes | Receiving Services |
| PATHHowConfirmed | String | Yes | PATH How Confirmed |
| PATHSMIInformation | String | Yes | PATHS MIInformation |

|  |  |
| --- | --- |
| **REQUEST JSON** | **HTTP HEADERS** |
| Array of DISABILITIES\_OBJECT [Ref: 5.1]  [  {  <DISABILITIES\_OBJECT>  },  {  <DISABILITIES\_OBJECT>  },  {  <DISABILITIES\_OBJECT>  },  ...  ]  The following fields must **NOT** be specified ID ProjectEntryID | Content-Type:  application/json  Accept:  application/json |  |  | TRANSPORT |

**Response**

|  |  |
| --- | --- |
| **Status** | **Success Response** |
| **HTTP**  **200 OK** | {  "header": {  "code": 0  },  "body": [  {  <DISABILITIES\_OBJECT>  },  {  <DISABILITIES\_OBJECT>  },  {  <DISABILITIES\_OBJECT>  },  ...  ]  } |
| **Failure Response** | |
| HTTP 200 OK  {  "header": {  "code": 1001,  "message": "Failed to add"  }  } | |

#### Update Existing Disability Information

|  |  |  |  |
| --- | --- | --- | --- |
| **AUTHENTICATION** | **TRANSPORT** | **HTTP METHOD** | **END POINT** |
| HTTP Header  Authorization: Bearer <BASE64 Encoded Access Token> Refer section 2.1 to Retrieve Access Token | SSL | PUT | /disability |  |  | TRANSPORT |

|  |  |  |  |
| --- | --- | --- | --- |
| **Main Params** | **Values** | **Required** | **Description** |
| ProjectEntryID | Integer | Yes | ProjectEntryID |

|  |  |
| --- | --- |
| **REQUEST JSON** | **HTTP HEADERS** |
| Array of DISABILITIES\_OBJECT [Ref: 5.1]  [  {  <DISABILITIES\_OBJECT>  },  {  <DISABILITIES\_OBJECT>  },  {  <DISABILITIES\_OBJECT>  },  ...  ] The following fields must be specified ID ProjectEntryID | Content-Type:  application/json  Accept:  application/json |  |  | TRANSPORT |

**Response:**

|  |  |
| --- | --- |
| **Status** | **Success Response** |
| **HTTP**  **200 OK** | {  "header": {  "code": 0  },  "body": [  {  <DISABILITIES\_OBJECT>  },  {  <DISABILITIES\_OBJECT>  },  {  <DISABILITIES\_OBJECT>  },  ...  ]  } |
| **Failure Response** | |
| HTTP 200 OK  {  "header": {  "code": 1001,  "message": " Failed to update "  }  } | |

#### **Lookup Disabilities by DisabilitiesID**

|  |  |  |  |
| --- | --- | --- | --- |
| **AUTHENTICATION** | **TRANSPORT** | **HTTP METHOD** | **END POINT** |
| HTTP Header  Authorization: Bearer <BASE64 Encoded Access Token> Refer section 2.1 to Retrieve Access Token | SSL | GET | /disability/<DisabilitiesID> |  |  | TRANSPORT |

|  |  |
| --- | --- |
| **REQUEST JSON** | **HTTP HEADERS** |
| - | Content-Type:  application/json  Accept:  application/json |  |  | TRANSPORT |

**Response:**

|  |  |
| --- | --- |
| **Status** | **Success Response** |
| **HTTP**  **200 OK** | {  "header": {  "code": 0  },  "body": [  {  <DISABILITIES\_OBJECT>  }  ]  } |
| **Failure Response** | |
| HTTP 200 OK  {  "header": {  "code": 1001,  "message": "Not Found"  }  } | |

|  |
| --- |
| Date of Engagement Service |

#### 6.1 Date of Engagement Data Structure

The following sample JSON represents a Date of Engagement object (DOE\_OBJECT).

{

"ID": 4321,

"ProjectEntryID": {"ID": 343},

"DateOfEngagement": "2016-04-17"

}

#### 6.2 Add New Date of Engagement to existing client and enrollment

|  |  |  |  |
| --- | --- | --- | --- |
| **AUTHENTICATION** | **TRANSPORT** | **HTTP METHOD** | **END POINT** |
| HTTP Header  Authorization: Bearer <BASE64 Encoded Access Token> Refer section 2.1 to Retrieve Access Token | SSL | POST | /doe |  |  | TRANSPORT |

|  |  |  |  |
| --- | --- | --- | --- |
| **Main Params** | **Values** | **Required** | **Description** |
| ID | Integer | Yes | ID |
| ProjectEntryID | Enrollment | Yes | Project Entry ID |
| DateOfEngagement | Date | Yes | Date Of Engagement |

|  |  |
| --- | --- |
| **REQUEST JSON** | **HTTP HEADERS** |
| DOE\_OBJECT [Ref:6.1]  {  <DOE\_OBJECT>  }  The following fields must **NOT** be specified ID | Content-Type:  application/json  Accept:  application/json |  |  | TRANSPORT |

**Response:**

|  |  |
| --- | --- |
| **Status** | **Success Response** |
| **HTTP**  **200 OK** | {  "header": {  "code": 0  },  "body": [  {  < DOE\_OBJECT>  }  ]  } |
| **Failure Response** | |
| HTTP 200 OK  {  "header": {  "code": 1001,  "message": "Failed to add"  }  } | |

#### Update Existing Date of Engagement Information

|  |  |  |  |
| --- | --- | --- | --- |
| **AUTHENTICATION** | **TRANSPORT** | **HTTP METHOD** | **END POINT** |
| HTTP Header  Authorization: Bearer <BASE64 Encoded Access Token> Refer section 2.1 to Retrieve Access Token | SSL | PUT | /doe |  |  | TRANSPORT |

|  |  |  |  |
| --- | --- | --- | --- |
| **Main Params** | **Values** | **Required** | **Description** |
| ID | Integer | Yes | ID |

|  |  |
| --- | --- |
| **REQUEST JSON** | **HTTP HEADERS** |
| DOE\_OBJECT [Ref:6.1]  {  <DOE\_OBJECT>  }  The following fields must be specified ID | Content-Type:  application/json  Accept:  application/json |  |  | TRANSPORT |

**Response:**

|  |  |
| --- | --- |
| **Status** | **Success Response** |
| **HTTP**  **200 OK** | {  "header": {  "code": 0  },  "body": [  {  < DOE\_OBJECT>  }  ]  } |
| **Failure Response** | |
| HTTP 200 OK  {  "header": {  "code": 1001,  "message": "Failed to UPDATE"  }  } | |

#### 6.4Lookup Date of Engagement by DateOfEngagementID

|  |  |  |  |
| --- | --- | --- | --- |
| **AUTHENTICATION** | **TRANSPORT** | **HTTP METHOD** | **END POINT** |
| HTTP Header  Authorization: Bearer <BASE64 Encoded Access Token> Refer section 2.1 to Retrieve Access Token | SSL | GET | /doe/<DateOfEngagementID> |  |  | TRANSPORT |

|  |  |  |  |
| --- | --- | --- | --- |
| **Main Params** | **Values** | **Required** | **Description** |
| DateOfEngagementID | Integer | Yes | Date Of Engagement ID |

|  |  |
| --- | --- |
| **REQUEST JSON** | **HTTP HEADERS** |
| - | Content-Type:  application/json  Accept:  application/json |  |  | TRANSPORT |

**Response:**

|  |  |
| --- | --- |
| **Status** | **Success Response** |
| **HTTP**  **200 OK** | {  "header": {  "code": 0  },  "body": [  {  <DOE\_OBJECT>  }  ]  } |
| **Failure Response** | |
| HTTP 200 OK  {  "header": {  "code": 1001,  "message": "Not Found"  }  } | |

|  |
| --- |
| PATH Status Service |

7.1 Path Status Data Structure

The following sample JSON represents a PATH Status object (PATH\_OBJECT).

{

"ID": 453332,

"ProjectEntryID": {"ID": 343},

"DateOfStatus": "2016-04-23",

"ClientEnrolledInPATH": "0",

"ReasonNotEnrolled": "2"

}

#### 7.2 Add New PATH Status to existing client and enrollment

|  |  |  |  |
| --- | --- | --- | --- |
| **AUTHENTICATION** | **TRANSPORT** | **HTTP METHOD** | **END POINT** |
| HTTP Header  Authorization: Bearer <BASE64 Encoded Access Token> Refer section 2.1 to Retrieve Access Token | SSL | POST | /pathstatus |  |  | TRANSPORT |

|  |  |  |  |
| --- | --- | --- | --- |
| **Main Params** | **Values** | **Required** | **Description** |
| ID | Integer | Yes | ID |
| ProjectEntryID | EnrollmentID | Yes | Project Entry ID |
| ClientEnrolledInPATH | No/yes | Yes | Client Enrolled In PATH |
| ReasonNotEnrolled | String | Yes | Reason Not Enrolled |

|  |  |
| --- | --- |
| **REQUEST JSON** | **HTTP HEADERS** |
| PATH\_OBJECT [Ref:7.1]  {  <PATH\_OBJECT>  }  The following fields must **NOT** be specified  ID | Content-Type:  application/json  Accept:  application/json |

**Response:**

|  |  |
| --- | --- |
| **Status** | **Success Response** |
| **HTTP**  **200 OK** | {  "header": {  "code": 0  },  "body": [  {  <PATH\_OBJECT>  }  ]  } |
| **Failure Response** | |
| HTTP 200 OK  {  "header": {  "code": 1001,  "message": "Failed to add"  } | |

#### Update Existing PATH Status Information

|  |  |  |  |
| --- | --- | --- | --- |
| **AUTHENTICATION** | **TRANSPORT** | **HTTP METHOD** | **END POINT** |
| HTTP Header  Authorization: Bearer <BASE64 Encoded Access Token> Refer section 2.1 to Retrieve Access Token | SSL | PUT | /pathstatus |  |  | TRANSPORT |

|  |  |  |  |
| --- | --- | --- | --- |
| **Main Params** | **Values** | **Required** | **Description** |
| ID | Integer | Yes | PathStatusID |

|  |  |
| --- | --- |
| **REQUEST JSON** | **HTTP HEADERS** |
| PATH\_OBJECT [Ref:7.1]  {  <PATH\_OBJECT>  }  The following fields must be specified  ID | Content-Type:  application/json  Accept:  application/json |

**Response:**

|  |  |
| --- | --- |
| **Status** | **Success Response** |
| **HTTP**  **200 OK** | {  "header": {  "code": 0  },  "body": [  {  <PATH\_OBJECT>  }  ]  } |
| **Failure Response** | |
| HTTP 200 OK  {  "header": {  "code": 1001,  "message": "Failed to Update"  } | |

#### Lookup PATH Status by PathStatusID

|  |  |  |  |
| --- | --- | --- | --- |
| **AUTHENTICATION** | **TRANSPORT** | **HTTP METHOD** | **END POINT** |
| HTTP Header  Authorization: Bearer <BASE64 Encoded Access Token> Refer section 2.1 to Retrieve Access Token | SSL | GET | /pathstatus/<PathStatusID> |  |  | TRANSPORT |

|  |  |
| --- | --- |
| **REQUEST JSON** | **HTTP HEADERS** |
| - | Content-Type:  application/json  Accept:  application/json |  |  | TRANSPORT |

**Response:**

|  |  |
| --- | --- |
| **Status** | **Success Response** |
| **HTTP**  **200 OK** | {  "header": {  "code": 0  },  "body": [  {  <PATH\_OBJECT>  }  ]  } |
| **Failure Response** | |
| HTTP 200 OK  {  "header": {  "code": 1001,  "message": "Not Found"  }  } | |

|  |
| --- |
| Referral Source Service |

8.1.Referral Source Data Structure

The following sample JSON represents a Referral Source object (REF\_SRC\_OBJECT).

{

"ID": 34343,

"ProjectEntryID": {"ID": 343},

"ReferralSource": "18",

"CountOutreachReferralApproaches": "3"

}

#### 8.2 Add New ReferralSource to existing client and enrollment

|  |  |  |  |
| --- | --- | --- | --- |
| **AUTHENTICATION** | **TRANSPORT** | **HTTP METHOD** | **END POINT** |
| HTTP Header  Authorization: Bearer <BASE64 Encoded Access Token> Refer section 2.1 to Retrieve Access Token | SSL | POST | /referralsrc |  |  | TRANSPORT |

|  |  |  |  |
| --- | --- | --- | --- |
| **Main Params** | **Values** | **Required** | **Description** |
| ID | Integer | yes | ID |
| ProjectEntryID | Enrollment | Yes | Project Entry ID |
| ReferralSource | String | Yes | Referral Source |
| CountOutreachReferralApproaches | String | Yes | Count Outreach Referral Approaches |

|  |  |
| --- | --- |
| **REQUEST JSON** | **HTTP HEADERS** |
| REF\_SRC\_OBJECT [Ref:8.1]  {  <REF\_SRC\_OBJECT>  }  The following fields must **NOT** be specified  ID | Content-Type:  application/json  Accept:  application/json |  |  | TRANSPORT |

**Response:**

|  |  |
| --- | --- |
| **Status** | **Success Response** |
| **HTTP**  **200 OK** | {  "header": {  "code": 0  },  "body": [  {  <REF\_SRC\_OBJECT>  }  ]  } |
| **Failure Response** | |
| HTTP 200 OK  {  "header": {  "code": 1001,  "message": "Failed to add"  } | |

#### **Update Existing Referral Source Information**

|  |  |  |  |
| --- | --- | --- | --- |
| **AUTHENTICATION** | **TRANSPORT** | **HTTP METHOD** | **END POINT** |
| HTTP Header  Authorization: Bearer <BASE64 Encoded Access Token> Refer section 2.1 to Retrieve Access Token | SSL | PUT | /referralsrc |  |  | TRANSPORT |

|  |  |  |  |
| --- | --- | --- | --- |
| **Main Params** | **Values** | **Required** | **Description** |
| ID | Integer | Yes | ID |

|  |  |
| --- | --- |
| **REQUEST JSON** | **HTTP HEADERS** |
| REF\_SRC\_OBJECT [Ref:8.1]  {  <REF\_SRC\_OBJECT>  }  The following fields must be specified ID | Content-Type:  application/json  Accept:  application/json |  |  | TRANSPORT |

**Response:**

|  |  |
| --- | --- |
| **Status** | **Success Response** |
| **HTTP**  **200 OK** | HTTP 200 OK  {  "header": {  "code": 0  },  "body": [  {  <REF\_SRC\_OBJECT>  }  ]  } |
| **Failure Response** | |
| HTTP 200 OK  {  "header": {  "code": 1001,  "message": "Failed to Update"  } | |

#### **8.4**. **Lookup Existing Referral Source Information**

|  |  |  |  |
| --- | --- | --- | --- |
| **AUTHENTICATION** | **TRANSPORT** | **HTTP METHOD** | **END POINT** |
| HTTP Header  Authorization: Bearer <BASE64 Encoded Access Token> Refer section 2.1 to Retrieve Access Token | SSL | GET | /referralsrc/<ReferralSourceID> |  |  | TRANSPORT |

|  |  |
| --- | --- |
| **REQUEST JSON** | **HTTP HEADERS** |
| - | Content-Type:  application/json  Accept:  application/json |  |  | TRANSPORT |

**Response:**

|  |  |
| --- | --- |
| **Status** | **Success Response** |
| **HTTP**  **200 OK** | {  "header": {  "code": 0  },  "body": [  {  <REF\_SRC\_OBJECT>  }  ]  } |
| **Failure Response** | |
| HTTP 200 OK  {  "header": {  "code": 1001,  "message": "Not Found"  }  } | |

|  |
| --- |
| Services Service |

9.1 Services Service Data Structure

The following sample JSON represents a Services object (SVCS\_OBJECT).

{

"ID": "44gg",

"ProjectEntryID": {"ID": "343"},

"DateProvided": "2015-09-06",

"RecordType": "16",

"TypeProvided": "11",

"OtherTypeProvided": "some other type here",

"SubTypeProvided": "12",

"FAAmount": "1145.59",

"ReferralOutcome": "2"

}

#### 9.2 Add New Servicesto existing client and enrollment

|  |  |  |  |
| --- | --- | --- | --- |
| **AUTHENTICATION** | **TRANSPORT** | **HTTP METHOD** | **END POINT** |
| HTTP Header  Authorization: Bearer <BASE64 Encoded Access Token> Refer section 2.1 to Retrieve Access Token | SSL | POST | /services |  |  | TRANSPORT |

|  |  |  |  |
| --- | --- | --- | --- |
| **Main Params** | **Values** | **Required** | **Description** |
| ID | Integer | Yes | ID |
| ProjectEntryID | Enrollment | Yes | Project Entry ID |
| DateProvided | Date | Yes | Date Provided |
| RecordType | String | Yes | Record Type |
| TypeProvided | String | Yes | Type Provided |
| OtherTypeProvided | String | Yes | Other Type Provided |
| SubTypeProvided | String | Yes | Sub Type Provided |
| FAAmount | String | Yes | FA Amount |
| ReferralOutcome | String | Yes | Referral Out come |

|  |  |
| --- | --- |
| **REQUEST JSON** | **HTTP HEADERS** |
| SVCS\_OBJECT [Ref:9.1]  {  <SVCS\_OBJECT>  }  The following fields must **NOT** be specified  ServicesID | Content-Type:  application/json  Accept:  application/json |  |  | TRANSPORT |

**Response:**

|  |  |
| --- | --- |
| **Status** | **Success Response** |
| **HTTP**  **200 OK** | {  "header": {  "code": 0  },  "body": [  {  <SVCS\_OBJECT>  }  ]  } |
| **Failure Response** | |
| HTTP 200 OK  {  "header": {  "code": 1001,  "message": "Failed to add"  } | |

#### Update Existing Services Information

|  |  |  |  |
| --- | --- | --- | --- |
| **AUTHENTICATION** | **TRANSPORT** | **HTTP METHOD** | **END POINT** |
| HTTP Header  Authorization: Bearer <BASE64 Encoded Access Token> Refer section 2.1 to Retrieve Access Token | SSL | PUT | /services |

|  |  |  |  |
| --- | --- | --- | --- |
| **Main Params** | **Values** | **Required** | **Description** |
| ServicesID | Integer | Yes | ServicesID |

|  |  |
| --- | --- |
| **REQUEST JSON** | **HTTP HEADERS** |
| SVCS\_OBJECT [Ref:9.1]  {  <SVCS\_OBJECT>  }  The following fields must be specified ServicesID | Content-Type:  application/json  Accept:  application/json |  |  | TRANSPORT |

**Response:**

|  |  |
| --- | --- |
| **Status** | **Success Response** |
| **HTTP**  **200 OK** | {  "header": {  "code": 0  },  "body": [  {  <SVCS\_OBJECT>  }  ]  } |
| **Failure Response** | |
| HTTP 200 OK  {  "header": {  "code": 1001,  "message": "Failed to update"  } | |

#### Lookup Services by ServicesID

|  |  |  |  |
| --- | --- | --- | --- |
| **AUTHENTICATION** | **TRANSPORT** | **HTTP METHOD** | **END POINT** |
| HTTP Header  Authorization: Bearer <BASE64 Encoded Access Token> Refer section 2.1 to Retrieve Access Token | SSL | GET | /services/<ServicesID> |

|  |  |
| --- | --- |
| **REQUEST JSON** | **HTTP HEADERS** |
| - | Content-Type:  application/json  Accept:  application/json |  |  | TRANSPORT |

**Response:**

|  |  |
| --- | --- |
| **Status** | **Success Response** |
| **HTTP**  **200 OK** | {  "header": {  "code": 0  },  "body": [  {  <SVCS\_OBJECT>  }  ]  } |
| **Failure Response** | |
| HTTP 200 OK  {  "header": {  "code": 1001,  "message": "Not Found"  }  } | |

|  |
| --- |
| LOV Services |

#### 10.1 LOV Data Structure

The following sample JSON represents a Disabilties object (LOV\_OBJECT).

{

"id": 26,

"name": "No",

"value": "0"

}

#### 10.2 Get LOV by Type

|  |  |  |  |
| --- | --- | --- | --- |
| **AUTHENTICATION** | **TRANSPORT** | **HTTP METHOD** | **END POINT** |
| HTTP Header  Authorization: Bearer <BASE64 Encoded Access Token> Refer section 2.1 to Retrieve Access Token | SSL | GET | /lov/<LOV NAME> |

|  |  |  |  |
| --- | --- | --- | --- |
| **Main Params** | **Values** | **Required** | **Description** |
| ID | Integer | Yes | ID |
| Name | String | Yes | Name |
| value | Integer | Yes | Value |

|  |  |
| --- | --- |
| **REQUEST JSON** | **HTTP HEADERS** |
|  | Content-Type:  application/json  Accept:  application/json |  |  | TRANSPORT |

**Response:**

|  |  |
| --- | --- |
| **Status** | **Success Response** |
| **HTTP**  **200 OK** | {  "header": {  "code": 0  },  "body": [  {  <LOV\_OBJECT>  }  ]  } |
| **Failure Response** | |
| HTTP 200 OK  {  "header": {  "code": 1001,  "message": "Not Found"  }  } | |

#### 10.3 Reverse Lookup LOV by Type and Value

|  |  |  |  |
| --- | --- | --- | --- |
| **AUTHENTICATION** | **TRANSPORT** | **HTTP METHOD** | **END POINT** |
| HTTP Header  Authorization: Bearer <BASE64 Encoded Access Token> Refer section 2.1 to Retrieve Access Token | SSL | GET | /lov/<LOV NAME>/<LOV Value>  Eg: /lov/fiveValDKRefused/0 |  |  | TRANSPORT |

|  |  |
| --- | --- |
| **REQUEST JSON** | **HTTP HEADERS** |
|  | Content-Type:  application/json  Accept:  application/json |  |  | TRANSPORT |

**Response:**

|  |  |
| --- | --- |
| **Status** | **Success Response** |
| **HTTP**  **200 OK** | {  "header": {  "code": 0  },  "body": [  {  <LOV\_OBJECT>  }  ]  } |
| **Failure Response** | |
| HTTP 200 OK  {  "header": {  "code": 1001,  "message": "Not Found"  }  } | |