SELF SERVICE REPORTING SYSTEM SSRS

(SOFTWARE TECHNOLOGY)  
ELTE

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1. **Generate Report**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Input | Data Type | Mandatory | Output | Data Type |
| ClassificationName | Character | Required | **Status** | 0: Failure  1: Success |
| SelectClause | List<Object> | Required | **ErrorMessage** | Character |
| WhereClause | List<Object> | Required | **Data** | DataTable |

**Notes**:

* Test URL: <http://seservname/GenerateReportTest>
* Live URL: <http://seservname/GenerateReport>
* Method Type: POST
* Response Type: JSON

public class SelectClause

{

public string Name { get; set; }

public string TableName { get; set; }

public string ColumnName { get; set; }

public string ColumnType { get; set; }

}

public class WhereClause

{

public string TableName { get; set; }

public string ColumnName { get; set; }

public string ColumnType { get; set; }

public List<string> Values { get; set; }

}

public class DataTable

{

public List<List<string>> value\_array { get; set; }

public List<ReportHeader> H\_List { get; set; }

}

1. **GenerateClassificationAttribute**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Input | Data Type | Mandatory | Output | Data Type |
| ClassificationName | Character | Required | **Status** | 0: Failure  1: Success |
|  |  |  | **ErrorMessage** | Character |
|  |  |  | **Data** | TreeModel |

**Notes**:

* Test URL: <http://seservname/GenerateClassificationAttributeTest>
* Live URL: [http://seservname/GenerateClassificationAttribute](http://seservname/GenerateReport)
* Method Type: POST
* Response Type: JSON

public class TreeModel

{

public string label { get; set; }

public object data { get; set; }

public string icon { get; set; }

public string expandedIcon { get; set; }

public string collapsedIcon { get; set; }

public List<TreeModel> children { get; set; }

//required

public bool leaf { get; set; }

public bool expanded { get; set; }

public string type { get; set; }

//required

public TreeModel parent { set; get; }

public bool partialSelected { get; set; }

public string styleClass { set; get; }

public bool draggable { set; get; }

public bool droppable { set; get; }

//required

public bool selectable { set; get; }

public TreeModel(string label, object data, bool leaf)

{

this.label = label;

this.data = data;

this.leaf = leaf;

this.selectable = true;

this.parent = null;

this.children = null;

}

}

1. **GenerateClassificationFilters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Input | Data Type | Mandatory | Output | Data Type |
| ClassificationName | Character | Required | **Status** | 0: Failure  1: Success |
|  |  |  | **ErrorMessage** | Character |
|  |  |  | **Data** | List<TreeModel> |

**Notes**:

* Test URL: <http://seservname/GenerateClassificationFiltersTest>
* Live URL: [http://seservname/GenerateClassificationFilters](http://seservname/GenerateReport)
* Method Type: POST
* Response Type: JSON

public class TreeModel

{

public string label { get; set; }

public object data { get; set; }

public string icon { get; set; }

public string expandedIcon { get; set; }

public string collapsedIcon { get; set; }

public List<TreeModel> children { get; set; }

//required

public bool leaf { get; set; }

public bool expanded { get; set; }

public string type { get; set; }

//required

public TreeModel parent { set; get; }

public bool partialSelected { get; set; }

public string styleClass { set; get; }

public bool draggable { set; get; }

public bool droppable { set; get; }

//required

public bool selectable { set; get; }

public TreeModel(string label, object data, bool leaf)

{

this.label = label;

this.data = data;

this.leaf = leaf;

this.selectable = true;

this.parent = null;

this.children = null;

}

}

1. **Get User Classifications**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Input | Data Type | Mandatory | Output | Data Type |
| Username | Character | Required | **Status** | 0: Failure  1: Success |
| Password | Character | Required | **ErrorMessage** | Character |
|  |  |  | **Data** | List of Characters |

**Notes**:

* Test URL: <http://seservname/GetUserClasificationsTest>
* Live URL: <http://seservname/GetUserClasifications>
* Method Type: Get
* Response Type: JSON

1. **Get All Classifications**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Input | Data Type | Mandatory | Output | Data Type |
|  |  |  | **Status** | 0: Failure  1: Success |
|  |  |  | **ErrorMessage** | Character |
|  |  |  | **Data** | List of Characters |

**Notes**:

* Test URL: <http://seservname/GetAllClasificationsTest>
* Live URL: [http://seservname/GetAllClasifications](http://seservname/GetUserClasificationsTest)
* Method Type: Get
* Response Type: JSON