



SELF SERVICE REPORTING SYSTEM SSRS (SOFTWARE TECHNOLOGY) ELTE

Creation Date:

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Document Ref:

Version 1

I. 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; }
}
```

II. 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>
- ❖ 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;
    }
}
```

III. 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>
- ❖ 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;
    }
}
```

IV. 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

V. 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>
- ❖ Method Type: Get
- ❖ Response Type: JSON