



[www.wayfindingpro.com](http://www.wayfindingpro.com)

# API Guidance Document

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## General

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Wayfinding Pro is an interactive wayfinding content manager that enables you to design, build and develop your own wayfinding / indoor navigational project. The system consists of the following components:

- **Plotter** – This downloadable software package installs on any PC, and is used to build the coordinate systems and identify the locations and the accompanying text in the wayfinding system. This package is designed for ease of use by a non-programmer / developer.
- **Administrative Web Portal** – This portal allows the owner (the person paying for the project) to manage the project and associated maps. From this portal, the project owner may authorize users, limit the number of authorized maps and activate or inactivate maps. Again, no programming experience is required.
- **Web Application / Web Widget** – The web application or web widget is a code configurator that allows you to build a web application in minutes. It may require some minor programming expertise to create the web page for your web site and to link it into your home page.
- **Kiosk Application** – The kiosk application is a downloadable software package that installs on any PC. It can be customized with your own branding and sized to fit the screen. This package is designed for ease of use by a non-programmer to implement a kiosk wayfinding user interface in minutes.
- **APIs** – The Application Program Interfaces (APIs) allow you to build your own custom wayfinding applications whether for a web, kiosk or mobile application. Use of the APIs does require programming expertise.

**This user manual provides detailed instructions on the use of the APIs used in the creation of your own wayfinding solution.**

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## Index of API Commands

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### API Commands

The APIs commands enable you to retrieve the information you need from your application. Listed below is the list of APIs available. Click on the command to get the details of its use and examples.

GetDestinations	Get list of all waypoints marked as destinations
GetGroupedDestinationsAndPOI	Get list of all waypoints and POI's marked as destinations.
GetMapImageByName	Returns the map image of the given name from the given UID's server folder.
GetMapImageURLs	Returns the list of URLs for a project.
GetMultiFloorImage	Returns an image compilation of all floor maps.
GetMultiFloorNodeYOffsets	Returns the Y-Offset value for each floor map.
GetPath	Returns Path By Points.
GetPoimages	Returns only the POI images that are used in the given project.
GetProjectNameFromUniqueID	Returns the name of project associated with the given Unique ID.
GetProjectOwnerStatus	Get the account status of the project owner for the given project Unique ID.

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## General Guidelines

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### API Access

To access the APIs, you must first point your browser to the following URL:

<http://api.wayfindingpro.com/websiteapi.asmx>

### Examples

The “UniqueProjectID” references in the following examples refer to each project's unique Key that can be found in the Administrative Web Portal under project details. For these examples, the UniqueProjectID will be “ABC123”

The API URL <http://api.wayfindingpro.com/websiteapi.asmx> is used for all examples.

### VB.NET

1. Add a Web Reference to the project that points to the APIs URL. For this example, the Web Reference is named “wfpAPI”.
2. Access API functions using code that is similar to the following example:

```
Public Class Form1
    Private Sub Form1_Load(sender As Object, e As System.EventArgs) Handles
Me.Load
        'Define variable to access Web Reference
        Dim wfp As New wfpAPI.WebsiteApi
        Dim ProjectID as String = "ABC123"
        'Create new SOAP header
        wfp.AuthHeaderValue = New wfp.AuthHeader
        Try
            'Make the call to GetDestinations, which returns a string
            Dim xmlString As String = wfp.GetDestinations(ProjectID,"")
            '''Process the returned information
        Catch ex As Exception
            MessageBox.Show(ex.ToString)
        End Try
    End Sub
End Class
```

## PHP

Access API functions using code that is similar to the following example:

```
<?php
//Request UniqueProjectId value from QueryString. Call will fail if
UniqueProjectId is blank.
if(isset($_GET['UniqueProjectId'])){
    $ProjectId = $_GET['UniqueProjectId'];
} else { $ProjectId = ""; }

//Check for BuildingID value
if(isset($_GET['BuildingID'])){
    $BuildingID = $_GET['BuildingID'];
} else { $BuildingID = ""; }

//Create the SoapClient
$client = new
SoapClient("http://api.wayfindingpro.com/websiteapi.asmx?WSDL");
$result = $client->GetDestinations(array("ProjectUniqueId" => $ProjectId,
"BuildingID" => $BuildingID, )); //Make the SOAP call

//Output a string array of JSON Formatted Destinations
var_dump( $result -> GetDestinationsResult -> string);

//Process the returned information

?>
```

## JQuery

Access API functions using code that is similar to the following example:

```
<script src="http://code.jquery.com/jquery-2.1.1.min.js"
type="text/javascript"></script>

<script type="text/javascript">

var myData = ""; //Universal Variable to hold returned data
var ProjectID = "ABC123" //Your project's identifier
var isAccessible = false; // True to return wheelchair accessible directions
//Define base variables for ajax calls
$.ajaxSetup({
  url: "http://api.wayfindingpro.com/websiteapi.asmx",
  type: "POST",
  dataType: "text",
  processData: false,
  contentType: "application/soap+xml; charset=utf-8",
  crossDomain:true,
  success: function (data,xhr) {
    console.log(data);
  },
  error: function (data,xhr,error) {
    console.log(data);
  }
});

function GetDestinations() {
//Start AJAX Query
$.ajax({
  headers: {SOAPAction:
"http://api.wayfindingpro.com/GetDestinations"},
  data:
createPostData("GetDestinations",{ProjectUniqueId:ProjectID,BuildingID:""}),
  success: function (data,xhr) {
    myData = data; //Assign returned data to universal variable
    console.log(myData);
    //Process the returned information
  },
  error: function (data,xhr,error) {
    console.log($.dump(data));
  }
});
}
//createPostData takes a function name and a data array and generates a SOAP
header to submit with the AJAX request
function createPostData(fName, dataArr) {
  var accStr = '';
  if (isAccessible) {
    accStr = '<LimitToAccessibleRoutes>True</LimitToAccessibleRoutes>';
  }
  if (fName != 'GetPath') { accStr = ''; }
  var startString = "<?xml version=\"1.0\" encoding=\"utf-
8\"?><soap12:Envelope xmlns:xsi=\"http://www.w3.org/2001/XMLSchema-instance\"
```

```

xmlns:xsd=\"http://www.w3.org/2001/XMLSchema\"
xmlns:soap12=\"http://www.w3.org/2003/05/soap-
envelope\"><soap12:Header><AuthHeader
xmlns=\"http://api.wayfindingpro.com\">\" + accStr +
\"</AuthHeader></soap12:Header><soap12:Body>\";
    var endString = \"</\" + fName + \"></soap12:Body></soap12:Envelope>\";
    var functionString = \"<\" + fName + \"
xmlns=\"http://api.wayfindingpro.com\">\";
    var bodyString = \"\";
    for (var n in dataArr) {
        bodyString += \"<\" + n + \">\" + $.trim(dataArr[n]) + \"</\" + n + \">\";
    }
    return $.parseXML(startString + functionString + bodyString + endString);
}
</script>

```

## JavaScript

1. The JavaScript SOAP Client (soapclient.js) is available for download at <http://javascriptsoapclient.codeplex.com/>. Please refer to the preceding URL for documentation of the JavaScript SOAP Client.
2. Access API functions using code that is similar to one of the following examples:

### Example 1 - (API call is done via ASYNC & Callback function)

```

<script src="soapclient.js" type="text/javascript" ></script>
<script type="text/javascript">
var ProjectID = "ABC123";
var url = "http://api.wayfindingpro.com/websiteapi.asmx";

function GetDestinations(){
    var SOAPHeader = new SOAPClientParameters();
    var SOAPParameters = new SOAPClientParameters();
    //Add Required SOAPClientParamters to SOAP Client if needed
    //Add Required SOAPClientParamters to SOAP Client
    SOAPParameters.add("ProjectUniqueId",ProjectID);
    SOAPParameters.add("BuildingID","");
    //Synchronously Call GetDestinations
    var result = SOAPClient.invoke(url, "GetDestinations", SOAPHeader,
SOAPParameters, true,GetDestinations_CallBack);
}

function GetDestinations_CallBack(result, xml){
    if(result == "Error: 500"){
        //Add Error Handling
    }
}

```



```
    }
    else{
        //Load GetDestinations results
        var returnedDestinationList = result.GetDestinationsResult;

        //Process the returned information
    }
}
</script>
```

### **Example 2 - (API call DOES NOT use ASYNC or a Callback function)**

```
<script src="soapclient.js" type="text/javascript" ></script>
<script type="text/javascript">
var ProjectID = "ABC123";
var url = "http://api.wayfindingpro.com/websiteapi.asmx";

function GetDestinations(){
    var SOAPHeader = new SOAPClientParameters();
    var SOAPParameters = new SOAPClientParameters();
    //Add Required SOAPClientParamters to SOAP Client if needed
    //Add Required SOAPClientParamters to SOAP Client
    SOAPParameters.add("ProjectUniqueId",ProjectID);
    SOAPParameters.add("BuildingID","");
    //Synchronously Call GetDestinations
    var result = SOAPClient.invoke(url, "GetDestinations", SOAPHeader,
SOAPParameters, false);
    if(result.Result == "Error: 500"){
        //Add error handling
    }
    else{
        //Load GetDestinations results
        var returnedDestinationList = result.GetDestinationsResult;

        //Process the returned information
    }
}
</script>
```

## API Commands

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### GetDestinations:

Get list of all waypoints marked as a destination.

**ProjectUniqueID:** *string*

**ProjectUniqueID** can be found in the Projects List in your account information. This value is the Project Key listed under Project Details.

**BuildingID:** *string*

**BuildingID** can be found in the Wayfinding Pro Plotter, as the ID set for the building. To get all destinations regardless of the building, leave BuildingID blank.

### SOAP Definition

The following is a sample SOAP request and response. The placeholders shown need to be replaced with actual values.

#### Request

```
POST /websiteapi.asmx HTTP/1.1
Host: api.wayfindingpro.com
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <GetDestinations xmlns="http://api.wayfindingpro.com">
      <ProjectUniqueId>string</ProjectUniqueId>
      <BuildingID>string</BuildingID>
    </GetDestinations>
  </soap12:Body>
</soap12:Envelope>
```

## Response

HTTP/1.1 200 OK

Content-Type: application/soap+xml; charset=utf-8

Content-Length: length

```
<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <GetDestinationsResponse xmlns="http://api.wayfindingpro.com">
      <GetDestinationsResult>
        <string>string</string>
        <string>string</string>
      </GetDestinationsResult>
    </GetDestinationsResponse>
  </soap12:Body>
</soap12:Envelope>
```

## Example Results

```
<?xml version="1.0" encoding="utf-8"?>
<ArrayOfString xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns="http://api.wayfindingpro.com">
  <string>
    {
      "x" : "511.223693847656",
      "y" : "108.374008178711",
      "name" : "Magnetic Resonance Imaging",
      "isWayPoint" : "True",
      "visible" : "true",
      "IsKiosk" : "False",
      "ParentType" : "floor",
      "BuildingID" : "0",
      "FloorNumber" : "-1",
      "IsAltDestName" : "False",
      "Description" : "",
      "Category" : ""
    }
  </string>
  <string>
    {
      "x" : "511.223693847656",
      "y" : "108.374008178711",
      "name" : "MEG Lab",
      "isWayPoint" : "True",
      "visible" : "true",
      "IsKiosk" : "False",
      "ParentType" : "floor",
      "BuildingID" : "0",
```

```
        "FloorNumber" : "-1",
        "IsAltDestName" : "True",
        "Description" : "",
        "Category" : ""
    }
</string>
<string>
    {
        "x" : "743.483276367188",
        "y" : "222.367614746094",
        "name" : "Main Entrance",
        "isWayPoint" : "False",
        "visible" : "true",
        "IsKiosk" : "False",
        "ParentType" : "floor",
        "BuildingID" : "0",
        "FloorNumber" : "1",
        "IsAltDestName" : "False",
        "Description" : "",
        "Category" : "Exits"
    }
</string>
<string>
    {
        "x" : "775.8095703125",
        "y" : "101.782844543457",
        "name" : "Oral Surgery",
        "isWayPoint" : "True",
        "visible" : "true",
        "IsKiosk" : "False",
        "ParentType" : "floor",
        "BuildingID" : "0",
        "FloorNumber" : "1",
        "IsAltDestName" : "False",
        "Description" : "",
        "Category" : ""
    }
</string>
<string>
    {
        "x": "775.8095703125",
        "y": "101.782844543457",
        "name": "*Grant, John H., III, MD",
        "isWayPoint": "True",
        "visible": "true",
        "IsKiosk": "False",
        "ParentType": "floor",
        "BuildingID": "0",
        "FloorNumber": "1",
        "IsAltDestName": "True",
        "Description": "T3JhbCBTdXJnZXJ5",
        "Category": ""
    }
</string>
</ArrayOfString>
```

## GetGroupedDestinationsAndPoi

Get list of all waypoints and Points of Interest marked as a destination.

**ProjectUniqueID:** *string*

**ProjectUniqueID** can be found in the Projects List in your account information. This value is the Project Key listed under Project Details.

**BuildingID:** *string*

**BuildingID** can be found in the Wayfinding Pro Plotter, as the ID set for the building. To get all destinations regardless of the building, leave BuildingID blank.

**DoSplitIntoGroups:** *Boolean*

**DoSplitIntoGroups** determines if the destination lists are separated by "Department" name.

## SOAP Definition

The following is a sample SOAP request and response. The placeholders shown need to be replaced with actual values.

### Request

```
HTTP/1.1 200 OK
```

```
Content-Type: application/soap+xml; charset=utf-8
```

```
Content-Length: length
```

```
<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <GetDestinationsResponse xmlns="http://api.wayfindingpro.com">
      <GetDestinationsResult>
        <string>string</string>
        <string>string</string>
      </GetDestinationsResult>
    </GetDestinationsResponse>
  </soap12:Body>
</soap12:Envelope>
```

## Response

HTTP/1.1 200 OK

Content-Type: application/soap+xml; charset=utf-8

Content-Length: length

```
<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <GetGroupedDestinationsAndPoiResponse
xmlns="http://api.wayfindingpro.com">

<GetGroupedDestinationsAndPoiResult>string</GetGroupedDestinationsAndPoiResult>
  </GetGroupedDestinationsAndPoiResponse>
</soap12:Body>
</soap12:Envelope>
```

## Example Results

### *DoSplitIntoGroups: True*

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope
  xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <GetGroupedDestinationsAndPoiResponse
      xmlns="http://api.wayfindingpro.com/">
      <GetGroupedDestinationsAndPoiResult>
        {
          "Destinations" : {
            "Groups" : {
              "Clinics" : [{
                "x" : "493.709747314453",
                "y" : "143.717620849609",
                "name" : "Pre-Operative Assessment Clinic",
                "isDestination" : true,
                "visible" : true,
                "ParentType" : "floor",
                "BuildingID" : "0",
                "FloorNumber" : "1",
                "Description" : "",
                "Category" : "",
                "IsKiosk" : false,
                "isAltDestName" : false,
                "IsAccessible" : true
              }
            ]
          },
        }
```

```

        "Other" : {
            "NoGroupOrDepartment" : {
                "x" : "743.483276367188",
                "y" : "222.367614746094",
                "name" : "Main Entrance",
                "isDestination" : false,
                "visible" : true,
                "ParentType" : "floor",
                "BuildingID" : "0",
                "FloorNumber" : "1",
                "Description" : "",
                "Category" : "Exits",
                "IsKiosk" : false,
                "isAltDestName" : false,
                "IsAccessible" : true
            }
        }
    }
}
</GetGroupedDestinationsAndPoiResult>
</GetGroupedDestinationsAndPoiResponse>
</soap:Body>
</soap:Envelope>

```

### *DoSplitIntoGroups: False*

```

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope
  xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <GetGroupedDestinationsAndPoiResponse
      xmlns="http://api.wayfindingpro.com/">
      <GetGroupedDestinationsAndPoiResult>
        {
          "Destinations" : {
            "Other" : {
              "AllDestinations" : [{
                "x" : "405",
                "y" : "152",
                "name" : "MRI",
                "isDestination" : true,
                "visible" : true,
                "ParentType" : "floor",
                "BuildingID" : "0",
                "FloorNumber" : "1",
                "Description" : "",
                "Category" : "",
                "IsKiosk" : "False"
              }, {
                "x" : "416",
                "y" : "122",
                "name" : "Radiation Therapy",
                "isDestination" : true,

```

```
        "visible" : true,  
        "ParentType" : "floor",  
        "BuildingID" : "0",  
        "FloorNumber" : "1",  
        "Description" : "",  
        "Category" : "",  
        "IsKiosk" : "False"  
    }  
  ]  
}  
}  
  </GetGroupedDestinationsAndPoiResult>  
</GetGroupedDestinationsAndPoiResponse>  
</soap:Body>  
</soap:Envelope>
```

### GetMapImageByName

Returns the map image of the given name from the given UID's server folder.

**ProjectUniqueID:** string

**ProjectUniqueID** can be found in the Projects List in your account information. This value is the Project Key listed under Project Details.

**MapImageName:** string

**MapImageName** is the name of one image file in your project.

### SOAP Definition

The following is a sample SOAP request and response. The placeholders shown need to be replaced with actual values.



## Request

POST /websiteapi.asmx HTTP/1.1  
Host: api.wayfindingpro.com  
Content-Type: application/soap+xml; charset=utf-8  
Content-Length: length

```
<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Header>
    <AuthHeader xmlns="http://api.wayfindingpro.com/">
      <UserName>string</UserName>
      <Password>string</Password>
      <ApiKey>string</ApiKey>
      <isManager>string</isManager>
      <isKiosk>string</isKiosk>
      <LimitToAccessibleRoutes>string</LimitToAccessibleRoutes>
    </AuthHeader>
  </soap12:Header>
  <soap12:Body>
    <GetMapImageByName xmlns="http://api.wayfindingpro.com/">
      <ProjectUniqueId>string</ProjectUniqueId>
      <MapImageName>string</MapImageName>
    </GetMapImageByName>
  </soap12:Body>
</soap12:Envelope>
```

## Response

HTTP/1.1 200 OK  
Content-Type: application/soap+xml; charset=utf-8  
Content-Length: length

```
<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <GetMapImageByNameResponse xmlns="http://api.wayfindingpro.com/">
      <GetMapImageByNameResult>base64Binary</GetMapImageByNameResult>
    </GetMapImageByNameResponse>
  </soap12:Body>
</soap12:Envelope>
```

## Example Results

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope
  xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <GetMapImageByNameResponse xmlns="http://api.wayfindingpro.com/">
      <GetMapImageByNameResult>
        [base64binary encoded string]
      </GetMapImageByNameResult>
    </GetMapImageByNameResponse>
  </soap:Body>
</soap:Envelope>
```

### GetMapImageUrls

Returns the list of URLs for a project. The URL is relative to <http://api.wayfindingpro.com>

**ProjectUniqueID:** *string*

**ProjectUniqueID** can be found in the Projects List in your account information. This value is the Project Key listed under Project Details.

### SOAP Definition

The following is a sample SOAP request and response. The placeholders shown need to be replaced with actual values.

#### Request

```
POST /websiteapi.asmx HTTP/1.1
Host: api.wayfindingpro.com
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length
```

```
<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <GetMapImageUrls xmlns="http://api.wayfindingpro.com/">
      <ProjectUniqueId>string</ProjectUniqueId>
    </GetMapImageUrls>
  </soap12:Body>
</soap12:Envelope>
```

## Response

HTTP/1.1 200 OK

Content-Type: application/soap+xml; charset=utf-8

Content-Length: length

```
<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <GetMapImageUrlsResponse xmlns="http://api.wayfindingpro.com/">
      <GetMapImageUrlsResult>string</GetMapImageUrlsResult>
    </GetMapImageUrlsResponse>
  </soap12:Body>
</soap12:Envelope>
```

## Example Results

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope
  xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <GetMapImageUrlsResponse
      xmlns="http://api.wayfindingpro.com/">
      <GetMapImageUrlsResult>
        [{
          "MapType" : "floor",
          "BuildingId" : "0",
          "FloorNumber" : 1,
          "Url" : "/UserData/User 59/Projects/PID 42/WH_Ground.png"
        }, {
          "MapType" : "floor",
          "BuildingId" : "0",
          "FloorNumber" : 2,
          "Url" : "/UserData/User 59/Projects/PID 42/WH_1st.png"
        }
      ]
    </GetMapImageUrlsResult>
  </GetMapImageUrlsResponse>
</soap:Body>
</soap:Envelope>
```

## GetMultiFloorImage

Returns an image compilation of all floor maps.

**ProjectUniqueID:** *string*

**ProjectUniqueID** can be found in the Projects List in your account information. This value is the Project Key listed under Project Details.

## SOAP Definition

The following is a sample SOAP request and response. The placeholders shown need to be replaced with actual values.

### Request

```
POST /websiteapi.asmx HTTP/1.1
Host: api.wayfindingpro.com
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <GetMultiFloorImage xmlns="http://api.wayfindingpro.com/">
      <ProjectUniqueId>string</ProjectUniqueId>
    </GetMultiFloorImage>
  </soap12:Body>
</soap12:Envelope>
```

### Response

```
HTTP/1.1 200 OK
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <GetMultiFloorImageResponse xmlns="http://api.wayfindingpro.com/">
      <GetMultiFloorImageResult>base64Binary</GetMultiFloorImageResult>
    </GetMultiFloorImageResponse>
  </soap12:Body>
</soap12:Envelope>
```

## Example Results

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope
  xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <GetMultiFloorImageResponse
      xmlns="http://api.wayfindingpro.com/">
      <GetMultiFloorImageResult>
        [base64 binary encoded image]
      </GetMultiFloorImageResult>
    </GetMultiFloorImageResponse>
  </soap:Body>
```

### GetMultiFloorNodeYOffsets

Returns a list of the Y-Offset values for each floor map in the specified building.

**ProjectUniqueID:** *string*

**ProjectUniqueID** can be found in the Projects List in your account information. This value is the Project Key listed under Project Details.

**BuildingID:** *string*

**BuildingID** can be found in the Wayfinding Pro Plotter, as the ID set for the building. To get all destinations regardless of the building, leave BuildingID blank.

## SOAP Definition

The following is a sample SOAP request and response. The placeholders shown need to be replaced with actual values.

### Request

```
POST /websiteapi.asmx HTTP/1.1
Host: api.wayfindingpro.com
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <GetMultiFloorNodeYOffsets xmlns="http://api.wayfindingpro.com/">
      <ProjectUniqueId>string</ProjectUniqueId>
      <BuildingID>int</BuildingID>
    </GetMultiFloorNodeYOffsets>
  </soap12:Body>
</soap12:Envelope>
```

### Response

```
HTTP/1.1 200 OK
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <GetMultiFloorNodeYOffsetsResponse xmlns="http://api.wayfindingpro.com/">
      <GetMultiFloorNodeYOffsetsResult>
        <string>string</string>
        <string>string</string>
      </GetMultiFloorNodeYOffsetsResult>
    </GetMultiFloorNodeYOffsetsResponse>
  </soap12:Body>
</soap12:Envelope>
```

## Example Results

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope
  xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <GetMultiFloorNodeYOffsetsResponse
      xmlns="http://api.wayfindingpro.com/">
      <GetMultiFloorNodeYOffsetsResult>
        <string>{"FloorNumber":"1","offset":"2742"}</string>
        <string>{"FloorNumber":"2","offset":"2484"}</string>
        <string>{"FloorNumber":"3","offset":"2195"}</string>
        <string>{"FloorNumber":"4","offset":"1822"}</string>
        <string>{"FloorNumber":"5","offset":"1533"}</string>
        <string>{"FloorNumber":"6","offset":"1153"}</string>
        <string>{"FloorNumber":"7","offset":"782"}</string>
        <string>{"FloorNumber":"8","offset":"524"}</string>
        <string>{"FloorNumber":"9","offset":"258"}</string>
        <string>{"FloorNumber":"10","offset":"0"}</string>
      </GetMultiFloorNodeYOffsetsResult>
    </GetMultiFloorNodeYOffsetsResponse>
  </soap:Body>
</soap:Envelope>
```

## GetPath

Returns Path as a list of x,y,z coordinates, where z indicates the floor number.

**ProjectUniqueID:** *string*

**ProjectUniqueID** can be found in the Projects List in your account information. This value is the Project Key listed under Project Details.

**BuildingIDNum:** *Integer*

**BuildingIDNum** can be found in the Wayfinding Pro Plotter, as the ID set for the building. To get all destinations regardless of the building, leave BuildingID blank.

**StartFloor:** *Integer*

**StartFloor** can be found in the Destination information received from either GetDestinations or GetGroupedDestinationsAndPoi. This value is indicated as FloorNumber.

**StartLocation:** *String*

**StartLocation** can be found in the Destination information received from either GetDestinations or GetGroupedDestinationsAndPoi. The x and y coordinates are entered as comma separated values, e.g. x,y.

**EndFloor:** *Integer*

**EndFloor** can be found in the Destination information received from either GetDestinations or GetGroupedDestinationsAndPoi. This value is indicated as FloorNumber.

**EndLocation:** *String*

**EndLocation** can be found in the Destination information received from either GetDestinations or GetGroupedDestinationsAndPoi. The x and y coordinates are entered as comma separated values, e.g. x,y.

**DoReturnOffsetNodes:** *Boolean*

**DoReturnOffsetNodes**, if set to true, will return the Y Offset added to the actual Y value. Otherwise, the Y value is returned based on its position on the floor map.



## SOAP Definition

The following is a sample SOAP request and response. The placeholders shown need to be replaced with actual values.

### Request

```
POST /websiteapi.asmx HTTP/1.1
Host: api.wayfindingpro.com
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Header>
    <AuthHeader xmlns="http://api.wayfindingpro.com">
      <UserName>string</UserName>
      <Password>string</Password>
      <ApiKey>string</ApiKey>
      <isManager>string</isManager>
      <isKiosk>string</isKiosk>
      <LimitToAccessibleRoutes>string</LimitToAccessibleRoutes>
    </AuthHeader>
  </soap12:Header>
  <soap12:Body>
    <GetPath xmlns="http://api.wayfindingpro.com">
      <ProjectUniqueId>string</ProjectUniqueId>
      <BuildingIdNum>string</BuildingIdNum>
      <StartFloor>int</StartFloor>
      <StartLocation>string</StartLocation>
      <EndFloor>int</EndFloor>
      <EndLocation>string</EndLocation>
      <DoReturnOffsetNodes>boolean</DoReturnOffsetNodes>
    </GetPath>
  </soap12:Body>
</soap12:Envelope>
```

## Response

HTTP/1.1 200 OK

Content-Type: application/soap+xml; charset=utf-8

Content-Length: length

```
<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <GetPathResponse xmlns="http://api.wayfindingpro.com">
      <GetPathResult>
        <anyType />
        <anyType />
      </GetPathResult>
    </GetPathResponse>
  </soap12:Body>
</soap12:Envelope>
```

## Example Results

*DoReturnOffsetNodes: true*

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope
xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <GetPathResponse
xmlns="http://api.wayfindingpro.com/">
      <GetPathResult>
        <anyType xsi:type="ArrayOfString">
          <string>{405;2894;1}</string>
          <string>{405;2872;1}</string>
          <string>{395;2864;1}</string>
          <string>{396;2841;1}</string>
          <string>{396;2832;1}</string>
          <string>{413;2832;1}</string>
          <string>{414;2643;2}</string>
          <string>{416;2384;3}</string>
          <string>{405;2384;3}</string>
          <string>{405;2375;3}</string>
          <string>{367;2375;3}</string>
          <string>{366;2391;3}</string>
          <string>{285;2391;3}</string>
          <string>{280;2382;3}</string>
          <string>{274;2381;3}</string>
          <string>{277;2366;3}</string>
          <string>{282;2344;3}</string>
          <string>{287;2320;3}</string>
          <string>{273;2320;3}</string>
          <string>{274;2313;3}</string>
          <string>{272;1936;4}</string>
        </anyType>
      </GetPathResult>
    </GetPathResponse>
  </soap:Body>
</soap:Envelope>
```

```

    <string>{270;1650;5}</string>
    <string>{272;1266;6}</string>
    <string>{273;891;7}</string>
    <string>{273;600;8}</string>
    <string>{274;606;8}</string>
    <string>{297;606;8}</string>
    <string>{288;653;8}</string>
    <string>{285;672;8}</string>
    <string>{328;672;8}</string>
    <string>{399;672;8}</string>
    <string>{399;661;8}</string>
    <string>{389;661;8}</string>
  </anyType>
  <anyType xsi:type="FloorPathInfo">
    <FloorNumber>1</FloorNumber>
    <PathNodes>
      <string>{405;2894;1}</string>
      <string>{405;2872;1}</string>
      <string>{395;2864;1}</string>
      <string>{396;2841;1}</string>
      <string>{396;2832;1}</string>
      <string>{413;2832;1}</string>
    </PathNodes>
  </anyType>
  <anyType
xsi:type="xsd:string">{413;2832;1},{414;2643;2},[1],[2],[Elevator]</anyType>
  <anyType xsi:type="FloorPathInfo">
    <FloorNumber>2</FloorNumber>
    <PathNodes>
      <string>{414;2643;2}</string>
    </PathNodes>
  </anyType>
  <anyType
xsi:type="xsd:string">{414;2643;2},{416;2384;3},[2],[3],[Elevator]</anyType>
  <anyType xsi:type="FloorPathInfo">
    <FloorNumber>3</FloorNumber>
    <PathNodes>
      <string>{416;2384;3}</string>
      <string>{405;2384;3}</string>
      <string>{405;2375;3}</string>
      <string>{367;2375;3}</string>
      <string>{366;2391;3}</string>
      <string>{285;2391;3}</string>
      <string>{280;2382;3}</string>
      <string>{274;2381;3}</string>
      <string>{277;2366;3}</string>
      <string>{282;2344;3}</string>
      <string>{287;2320;3}</string>
      <string>{273;2320;3}</string>
      <string>{274;2313;3}</string>
    </PathNodes>
  </anyType>
  <anyType
xsi:type="xsd:string">{274;2313;3},{272;1936;4},[3],[4],[Elevator]</anyType>
  <anyType xsi:type="FloorPathInfo">
    <FloorNumber>4</FloorNumber>
    <PathNodes>

```

```

        <string>{272;1936;4}</string>
    </PathNodes>
</anyType>
<anyType
xsi:type="xsd:string">{272;1936;4},{270;1650;5},[4],[5],[Elevator]</anyType>
    <anyType xsi:type="FloorPathInfo">
        <FloorNumber>5</FloorNumber>
        <PathNodes>
            <string>{270;1650;5}</string>
        </PathNodes>
    </anyType>
<anyType
xsi:type="xsd:string">{270;1650;5},{272;1266;6},[5],[6],[Elevator]</anyType>
    <anyType xsi:type="FloorPathInfo">
        <FloorNumber>6</FloorNumber>
        <PathNodes>
            <string>{272;1266;6}</string>
        </PathNodes>
    </anyType>
<anyType
xsi:type="xsd:string">{272;1266;6},{273;891;7},[6],[7],[Elevator]</anyType>
    <anyType xsi:type="FloorPathInfo">
        <FloorNumber>7</FloorNumber>
        <PathNodes>
            <string>{273;891;7}</string>
        </PathNodes>
    </anyType>
<anyType
xsi:type="xsd:string">{273;891;7},{273;600;8},[7],[8],[Elevator]</anyType>
    <anyType xsi:type="FloorPathInfo">
        <FloorNumber>8</FloorNumber>
        <PathNodes>
            <string>{273;600;8}</string>
            <string>{274;606;8}</string>
            <string>{297;606;8}</string>
            <string>{288;653;8}</string>
            <string>{285;672;8}</string>
            <string>{328;672;8}</string>
            <string>{399;672;8}</string>
            <string>{399;661;8}</string>
            <string>{389;661;8}</string>
        </PathNodes>
    </anyType>
    <anyType xsi:type="Directions">
        <Text>Exit MRI;Take a Slight Left;Take a Slight
Right;Continue;Turn Right to arrive at the elevator</Text>
<isSingleElevatorPathUsed>false</isSingleElevatorPathUsed>
    </anyType>
    <anyType xsi:type="Directions">
        <Text>Departing floor #1</Text>
<isSingleElevatorPathUsed>false</isSingleElevatorPathUsed>
    </anyType>
    <anyType xsi:type="Directions">
        <Text>Continue on elevator passing floor #2</Text>
    <isSingleElevatorPathUsed>false</isSingleElevatorPathUsed>

```

```

        </anyType>
        <anyType xsi:type="Directions">
            <Text>Arrive at floor #3</Text>
            <isSingleElevatorPathUsed>>false</isSingleElevatorPathUsed>
        </anyType>
        <anyType xsi:type="Directions">
            <Text>Take elevator to floor #3;Exit Elevator E;Turn
            Right;Turn Left;Turn Left;Turn Right;Turn Right;Take a Slight Left at
            Information Desk Kiosk;Turn Right;Continue and go through 1
            intersections;Turn Left;Turn Right to arrive at Elevator S</Text>
        </anyType>
    </isSingleElevatorPathUsed>>false</isSingleElevatorPathUsed>
    </anyType>
    <anyType xsi:type="Directions">
        <Text>Continue on elevator passing floor #4</Text>
    </anyType>
    </isSingleElevatorPathUsed>>false</isSingleElevatorPathUsed>
    </anyType>
    <anyType xsi:type="Directions">
        <Text>Continue on elevator passing floor #5</Text>
    </anyType>
    </isSingleElevatorPathUsed>>false</isSingleElevatorPathUsed>
    </anyType>
    <anyType xsi:type="Directions">
        <Text>Continue on elevator passing floor #6</Text>
    </anyType>
    </isSingleElevatorPathUsed>>false</isSingleElevatorPathUsed>
    </anyType>
    <anyType xsi:type="Directions">
        <Text>Continue on elevator passing floor #7</Text>
    </anyType>
    </isSingleElevatorPathUsed>>false</isSingleElevatorPathUsed>
    </anyType>
    <anyType xsi:type="Directions">
        <Text>Departing floor #7</Text>
    </anyType>
    </isSingleElevatorPathUsed>>false</isSingleElevatorPathUsed>
    </anyType>
    <anyType xsi:type="Directions">
        <Text>Arrive at floor #8</Text>
    </anyType>
    </isSingleElevatorPathUsed>>false</isSingleElevatorPathUsed>
    </anyType>
    <anyType xsi:type="Directions">
        <Text>Take elevator to floor #8;Exit Elevator S;Turn
        Left;Turn Right;Continue;Turn Left;Continue;Turn Left;Cath Lab will be on the
        Left</Text>
    </anyType>
</isSingleElevatorPathUsed>>false</isSingleElevatorPathUsed>
</anyType>
</GetPathResult>
</GetPathResponse>
</soap:Body>
</soap:Envelope>

```

**DoReturnOffsetNodes: false**

```

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope
  xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <GetPathResponse
      xmlns="http://api.wayfindingpro.com/">
      <GetPathResult>
        <anyType xsi:type="ArrayOfString">
          <string>{405;2894;1}</string>
          <string>{405;2872;1}</string>
          <string>{395;2864;1}</string>
          <string>{396;2841;1}</string>
          <string>{396;2832;1}</string>
          <string>{413;2832;1}</string>
          <string>{414;2643;2}</string>
          <string>{416;2384;3}</string>
          <string>{405;2384;3}</string>
          <string>{405;2375;3}</string>
          <string>{367;2375;3}</string>
          <string>{366;2391;3}</string>
          <string>{285;2391;3}</string>
          <string>{280;2382;3}</string>
          <string>{274;2381;3}</string>
          <string>{277;2366;3}</string>
          <string>{282;2344;3}</string>
          <string>{287;2320;3}</string>
          <string>{273;2320;3}</string>
          <string>{274;2313;3}</string>
          <string>{272;1936;4}</string>
          <string>{270;1650;5}</string>
          <string>{272;1266;6}</string>
          <string>{273;891;7}</string>
          <string>{273;600;8}</string>
          <string>{274;606;8}</string>
          <string>{297;606;8}</string>
          <string>{288;653;8}</string>
          <string>{285;672;8}</string>
          <string>{328;672;8}</string>
          <string>{399;672;8}</string>
          <string>{399;661;8}</string>
          <string>{389;661;8}</string>
        </anyType>
        <anyType xsi:type="FloorPathInfo">
          <FloorNumber>1</FloorNumber>
          <PathNodes>
            <string>{405;152;1}</string>
            <string>{405;130;1}</string>
            <string>{395;122;1}</string>
            <string>{396;99;1}</string>
            <string>{396;90;1}</string>
            <string>{413;90;1}</string>
          </PathNodes>
        </anyType>
      </GetPathResult>
    </GetPathResponse>
  </soap:Body>
</soap:Envelope>

```

```

    <anyType
xsi:type="xsd:string">{413;90;1},{414;159;2},[1],[2],[Elevator]</anyType>
    <anyType xsi:type="FloorPathInfo">
      <FloorNumber>2</FloorNumber>
      <PathNodes>
        <string>{414;159;2}</string>
      </PathNodes>
    </anyType>
  <anyType
xsi:type="xsd:string">{414;159;2},{416;189;3},[2],[3],[Elevator]</anyType>
  <anyType xsi:type="FloorPathInfo">
    <FloorNumber>3</FloorNumber>
    <PathNodes>
      <string>{416;189;3}</string>
      <string>{405;189;3}</string>
      <string>{405;180;3}</string>
      <string>{367;180;3}</string>
      <string>{366;196;3}</string>
      <string>{285;196;3}</string>
      <string>{280;187;3}</string>
      <string>{274;186;3}</string>
      <string>{277;171;3}</string>
      <string>{282;149;3}</string>
      <string>{287;125;3}</string>
      <string>{273;125;3}</string>
      <string>{274;118;3}</string>
    </PathNodes>
  </anyType>
  <anyType
xsi:type="xsd:string">{274;118;3},{272;114;4},[3],[4],[Elevator]</anyType>
  <anyType xsi:type="FloorPathInfo">
    <FloorNumber>4</FloorNumber>
    <PathNodes>
      <string>{272;114;4}</string>
    </PathNodes>
  </anyType>
  <anyType
xsi:type="xsd:string">{272;114;4},{270;117;5},[4],[5],[Elevator]</anyType>
  <anyType xsi:type="FloorPathInfo">
    <FloorNumber>5</FloorNumber>
    <PathNodes>
      <string>{270;117;5}</string>
    </PathNodes>
  </anyType>
  <anyType
xsi:type="xsd:string">{270;117;5},{272;113;6},[5],[6],[Elevator]</anyType>
  <anyType xsi:type="FloorPathInfo">
    <FloorNumber>6</FloorNumber>
    <PathNodes>
      <string>{272;113;6}</string>
    </PathNodes>
  </anyType>
  <anyType
xsi:type="xsd:string">{272;113;6},{273;109;7},[6],[7],[Elevator]</anyType>
  <anyType xsi:type="FloorPathInfo">
    <FloorNumber>7</FloorNumber>
    <PathNodes>

```

```

        <string>{273;109;7}</string>
    </PathNodes>
</anyType>
<anyType
xsi:type="xsd:string">{273;109;7},{273;76;8},[7],[8],[Elevator]</anyType>
    <anyType xsi:type="FloorPathInfo">
        <FloorNumber>8</FloorNumber>
        <PathNodes>
            <string>{273;76;8}</string>
            <string>{274;82;8}</string>
            <string>{297;82;8}</string>
            <string>{288;129;8}</string>
            <string>{285;148;8}</string>
            <string>{328;148;8}</string>
            <string>{399;148;8}</string>
            <string>{399;137;8}</string>
            <string>{389;137;8}</string>
        </PathNodes>
    </anyType>
    <anyType xsi:type="Directions">
        <Text>Exit MRI;Take a Slight Left;Take a Slight
Right;Continue;Turn Right to arrive at the elevator</Text>
<isSingleElevatorPathUsed>false</isSingleElevatorPathUsed>
    </anyType>
    <anyType xsi:type="Directions">
        <Text>Departing floor #1</Text>
<isSingleElevatorPathUsed>false</isSingleElevatorPathUsed>
    </anyType>
    <anyType xsi:type="Directions">
        <Text>Continue on elevator passing floor #2</Text>
<isSingleElevatorPathUsed>false</isSingleElevatorPathUsed>
    </anyType>
    <anyType xsi:type="Directions">
        <Text>Arrive at floor #3</Text>
<isSingleElevatorPathUsed>false</isSingleElevatorPathUsed>
    </anyType>
    <anyType xsi:type="Directions">
        <Text>Take elevator to floor #3;Exit Elevator E;Turn
Right;Turn Left;Turn Left;Turn Right;Turn Right;Take a Slight Left at
Information Desk Kiosk;Turn Right;Continue and go through 1
intersections;Turn Left;Turn Right to arrive at Elevator S</Text>
<isSingleElevatorPathUsed>false</isSingleElevatorPathUsed>
    </anyType>
    <anyType xsi:type="Directions">
        <Text>Continue on elevator passing floor #4</Text>
<isSingleElevatorPathUsed>false</isSingleElevatorPathUsed>
    </anyType>
    <anyType xsi:type="Directions">
        <Text>Continue on elevator passing floor #5</Text>
<isSingleElevatorPathUsed>false</isSingleElevatorPathUsed>

```



```

        </anyType>
        <anyType xsi:type="Directions">
            <Text>Continue on elevator passing floor #6</Text>
    </isSingleElevatorPathUsed>false</isSingleElevatorPathUsed>
    </anyType>
    <anyType xsi:type="Directions">
        <Text>Continue on elevator passing floor #7</Text>
    </isSingleElevatorPathUsed>false</isSingleElevatorPathUsed>
    </anyType>
    <anyType xsi:type="Directions">
        <Text>Departing floor #7</Text>
    </isSingleElevatorPathUsed>false</isSingleElevatorPathUsed>
    </anyType>
    <anyType xsi:type="Directions">
        <Text>Arrive at floor #8</Text>
    </isSingleElevatorPathUsed>false</isSingleElevatorPathUsed>
    </anyType>
    <anyType xsi:type="Directions">
        <Text>Take elevator to floor #8;Exit Elevator S;Turn
Left;Turn Right;Continue;Turn Left;Continue;Turn Left;Cath Lab will be on the
Left</Text>
    </isSingleElevatorPathUsed>false</isSingleElevatorPathUsed>
    </anyType>
    </GetPathResult>
</GetPathResponse>
</soap:Body>
</soap:Envelope>

```

## GetPoiImages

Returns only the POI images that are used in the given project. ImagePath is relative to <http://api.wayfindingpro.com>

**ProjectUniqueID:** *string*

**ProjectUniqueID** can be found in the Projects List in your account information. This value is the Project Key listed under Project Details.

## SOAP Definition

The following is a sample SOAP request and response. The placeholders shown need to be replaced with actual values.

## Request

```
POST /websiteapi.asmx HTTP/1.1
Host: api.wayfindingpro.com
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length
```

```
<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <GetPoiImages xmlns="http://api.wayfindingpro.com/">
      <ProjectUniqueId>string</ProjectUniqueId>
    </GetPoiImages>
  </soap12:Body>
</soap12:Envelope>
```

## Response

```
HTTP/1.1 200 OK
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length
```

```
<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <GetPoiImagesResponse xmlns="http://api.wayfindingpro.com/">
      <GetPoiImagesResult>
        <ImageEx>
          <Name>string</Name>
          <ImageName>string</ImageName>
          <ImagePath>string</ImagePath>
          <ImageData>base64Binary</ImageData>
        </ImageEx>
        <ImageEx>
          <Name>string</Name>
          <ImageName>string</ImageName>
          <ImagePath>string</ImagePath>
          <ImageData>base64Binary</ImageData>
        </ImageEx>
      </GetPoiImagesResult>
    </GetPoiImagesResponse>
  </soap12:Body>
</soap12:Envelope>
```

## Example Results

```
<?xml version="1.0" encoding="utf-8"?> <soap:Envelope
  xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <soap:Body>
    <GetPoiImagesResponse
      xmlns="http://api.wayfindingpro.com/">
      <GetPoiImagesResult>
        <ImageEx>
          <Name>art gallery</Name>
          <ImageName>artgallery.png</ImageName>
          <ImagePath>/UserData/Global Category Lists/Category
Images/Default1/artgallery.png</ImagePath>
          <ImageData>[base64 encoded image]</ImageData>
        </ImageEx>
        <ImageEx>
          <Name>convenience store</Name>
          <ImageName>conveniencestore.png</ImageName>
          <ImagePath>/UserData/Global Category Lists/Category
Images/Default1/conveniencestore.png</ImagePath>
          <ImageData>[base64 encoded image]</ImageData>
        </ImageEx>
      </GetPoiImagesResult>
    </GetPoiImagesResponse>
  </soap:Body>
</soap:Envelope>
```

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