# Base Request (Header)

|  |  |  |
| --- | --- | --- |
| **PropertyName** | **Type** | **Validation** |
| ClientId | String | Will be Mandatory |
| SessionId | string | Will be Mandatory |

# Base Response (Footer)

|  |  |  |
| --- | --- | --- |
| **PropertyName** | **Type** | **Validation** |
| IsSuccess | Bool | - |
| ErrorMessage | string | - |
| ErrorCode | String | - |

# Register User

URL: <http://merdivanweb.eu-gb.mybluemix.net/api/Account/Register>

## Request

|  |  |  |
| --- | --- | --- |
| **PropertyName** | **Type** | **Validation** |
| Header | Header | - |
| UserName | String | Mandatory |
| Password | string | Mandatory |
| ConfirmPassword | String | Mandatory |

## Response

|  |  |  |
| --- | --- | --- |
| **PropertyName** | **Type** | **Validation** |
| Footer | Footer | - |
| UserId | Guid | - |

# Login User

URL: http://merdivanweb.eu-gb.mybluemix.net/api/Account/Login

## Request

|  |  |  |
| --- | --- | --- |
| **PropertyName** | **Type** | **Validation** |
| Header | Header | - |
| UserName | String | Mandatory |
| Password | string | Mandatory |

## Response

|  |  |  |
| --- | --- | --- |
| **PropertyName** | **Type** | **Validation** |
| Footer | Footer | **-** |

# Create Observation

URL: http://merdivanweb.eu-gb.mybluemix.net/api/Observation/Create

## Request

|  |  |  |
| --- | --- | --- |
| **PropertyName** | **Type** | **Validation** |
| Header | Header | - |
| Description | String | Mandatory |
| Latitude | Double | - |
| Longitude | Double | - |
| CategoryId | Guid | Mandatory |
| ObservationHeader | String | Mandatory |

## Response

|  |  |  |
| --- | --- | --- |
| **PropertyName** | **Type** | **Validation** |
| Footer | Footer | - |
| ObservationId | Guid | - |

# Get Observation List

URL: http://merdivanweb.eu-gb.mybluemix.net/api/Observation/List

## Request

|  |  |  |
| --- | --- | --- |
| **PropertyName** | **Type** | **Validation** |
| Header | Header | - |
| PageNumber | int | - |
| PageSize | int | - |

## Response

|  |  |  |
| --- | --- | --- |
| **PropertyName** | **Type** | **Validation** |
| Footer | Footer | - |
| ObservationList | List<Observation> | - |

## Observation

|  |  |  |
| --- | --- | --- |
| **PropertyName** | **Type** | **Validation** |
| Description | String | - |
| Latitude | Double | - |
| Longitude | Double | - |
| CategoryId | Guid | - |
| ObservationHeader | String | - |
| Attachments | List<byte[]> | - |

# Get Observation Detail

URL: http://merdivanweb.eu-gb.mybluemix.net/api/Observation/Detail

## Request

|  |  |  |
| --- | --- | --- |
| **PropertyName** | **Type** | **Validation** |
| Header | Header | - |
| ObservationId | Guid | Mandatory |

## Response

|  |  |  |
| --- | --- | --- |
| **PropertyName** | **Type** | **Validation** |
| Footer | Footer | - |
| Description | String | - |
| Latitude | Double | - |
| Longitude | Double | - |
| CategoryId | Guid | - |
| ObservationHeader | String | - |
| Attachments | List<byte[]> | - |

# Upload Observation Attachments

URL: http://merdivanweb.eu-gb.mybluemix.net/api/Image/Upload

## Request

|  |  |  |
| --- | --- | --- |
| **PropertyName** | **Type** | **Validation** |
| Header | Header | - |
| ObservationId | string | Mandatory |
| ImageFile | String(base 64) | Mandatory |

## Response

|  |  |  |
| --- | --- | --- |
| **PropertyName** | **Type** | **Validation** |
| Footer | Footer |  |
| AttachmentId | String(Guid) |  |

# Download Observation Attachments

URL: http://merdivanweb.eu-gb.mybluemix.net/api/Image/Upload

## Request

|  |  |  |
| --- | --- | --- |
| **PropertyName** | **Type** | **Validation** |
| Header | Header | - |
| ObservationId | string | Mandatory |
| ImageFileId | String | If not provided all attachments will be returned |

## Response

|  |  |  |
| --- | --- | --- |
| **PropertyName** | **Type** | **Validation** |
| Footer | Footer |  |
| ImageFile | List<String(base 64)> |  |