Graphical user interface, application

Description automatically generated

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Description automatically generated

Code view

{

    "definition": {

        "$schema": "https://schema.management.azure.com/providers/Microsoft.Logic/schemas/2016-06-01/workflowdefinition.json#",

        "actions": {

            "Connect\_and\_Add\_File\_to\_SharePoint": {

                "inputs": {

                    "headers": {

                        "Accept": "application/json",

                        "Authorization": "Bearer @{body('Parse\_JSON')?['access\_token']}"

                    },

                    "method": "POST",

                    "uri": "https://networkrail.sharepoint.com/sites/IntelligentInfrastructureOperationalProperty/\_api/web/GetFolderByServerRelativeUrl('/sites/IntelligentInfrastructureOperationalProperty/Shared%20Documents/OPASTestDoc/')/Files/Add(url='Test.txt',overwrite=true)"

                },

                "runAfter": {

                    "Parse\_JSON": [

                        "Succeeded"

                    ]

                },

                "type": "Http"

            },

            "Get\_Access\_Token": {

                "inputs": {

                    "body": "grant\_type = client\_credentials&resource=00000003-0000-0ff1-ce00-000000000000/networkrail.sharepoint.com@c22cc3e1-5d7f-4f4d-be03-d5a158cc9409&client\_id=58b2fbc7-8b37-4951-9ba3-f2be827f13bc@c22cc3e1-5d7f-4f4d-be03-d5a158cc9409&client\_secret=TE7sT3uDRWY7x9g8U0oDCMR9ADqX2rVbhdvt1c4XR08=",

                    "headers": {

                        "Content-Type": "application/x-www-form-urlencoded"

                    },

                    "method": "POST",

                    "uri": "https://accounts.accesscontrol.windows.net/c22cc3e1-5d7f-4f4d-be03-d5a158cc9409/tokens/OAuth/2"

                },

                "runAfter": {},

                "type": "Http"

            },

            "Parse\_JSON": {

                "inputs": {

                    "content": "@body('Get\_Access\_Token')",

                    "schema": {

                        "properties": {

                            "access\_token": {

                                "type": "string"

                            },

                            "expires\_in": {

                                "type": "string"

                            },

                            "expires\_on": {

                                "type": "string"

                            },

                            "not\_before": {

                                "type": "string"

                            },

                            "resource": {

                                "type": "string"

                            },

                            "token\_type": {

                                "type": "string"

                            }

                        },

                        "type": "object"

                    }

                },

                "runAfter": {

                    "Get\_Access\_Token": [

                        "Succeeded"

                    ]

                },

                "type": "ParseJson"

            }

        },

        "contentVersion": "1.0.0.0",

        "outputs": {},

        "parameters": {},

        "triggers": {

            "manual": {

                "inputs": {

                    "method": "GET",

                    "schema": {}

                },

                "kind": "Http",

                "type": "Request"

            }

        }

    },

    "parameters": {}

}

2.File Upload

{

    "definition": {

        "$schema": "https://schema.management.azure.com/providers/Microsoft.Logic/schemas/2016-06-01/workflowdefinition.json#",

        "actions": {

            "Failure\_Response": {

                "inputs": {

                    "body": "@json('{\"message\": \"File Name is Invalid/Already exists\"}')",

                    "statusCode": 500

                },

                "kind": "Http",

                "runAfter": {

                    "For\_each": [

                        "Failed",

                        "Skipped",

                        "TimedOut"

                    ]

                },

                "type": "Response"

            },

            "For\_each": {

                "actions": {

                    "Condition\_Request\_Check": {

                        "actions": {

                            "Execute\_stored\_procedure-TaskList\_": {

                                "inputs": {

                                    "body": {

                                        "File\_Name": "@{triggerOutputs()['headers']['X-File-Name']}",

                                        "File\_Type": "Task List Date Upload",

                                        "Supplier\_Name": " @{triggerOutputs()['headers']['X-Supplier-Name']}",

                                        "User\_Key": "@{triggerOutputs()['headers']['X-User-Key']}"

                                    },

                                    "host": {

                                        "connection": {

                                            "name": "@parameters('$connections')['sql']['connectionId']"

                                        }

                                    },

                                    "method": "post",

                                    "path": "/v2/datasets/@{encodeURIComponent(encodeURIComponent('default'))},@{encodeURIComponent(encodeURIComponent('default'))}/procedures/@{encodeURIComponent(encodeURIComponent('[CES].[sp\_Save\_FileProcessLog]'))}"

                                },

                                "runAfter": {},

                                "type": "ApiConnection"

                            },

                            "Upload\_TaskList\_to\_Blob": {

                                "inputs": {

                                    "authentication": {

                                        "audience": "https://storage.azure.com",

                                        "type": "ManagedServiceIdentity"

                                    },

                                    "body": "@triggerMultipartBody(variables('index'))",

                                    "headers": {

                                        "x-ms-blob-type": "BlockBlob",

                                        "x-ms-date": "@{formatDateTime(utcNow(),'r')}",

                                        "x-ms-version": "2019-07-07"

                                    },

                                    "method": "PUT",

                                    "uri": "https://sacuksnprdiisqlces0003.blob.core.windows.net/ces-func/Arrival/@{concat(split(replace(split(split(item()['headers']['Content-Disposition'],';')[2],'=')[1],'\"',''),'\_')[1])}/@{concat(split(replace(split(split(item()['headers']['Content-Disposition'],';')[2],'=')[1],'\"',''),'\_')[2],'/',replace(split(split(item()['headers']['Content-Disposition'],';')[2],'=')[1],'\"',''))}"

                                },

                                "runAfter": {

                                    "Execute\_stored\_procedure-TaskList\_": [

                                        "Succeeded"

                                    ]

                                },

                                "type": "Http"

                            }

                        },

                        "else": {

                            "actions": {

                                "Execute\_stored\_procedure-RiskAssessment": {

                                    "inputs": {

                                        "body": {

                                            "File\_Name": "@{triggerOutputs()['headers']['X-File-Name']}",

                                            "File\_Type": "RA Bulk Upload",

                                            "Supplier\_Name": "null",

                                            "User\_Key": "@{triggerOutputs()['headers']['X-User-Key']}"

                                        },

                                        "host": {

                                            "connection": {

                                                "name": "@parameters('$connections')['sql']['connectionId']"

                                            }

                                        },

                                        "method": "post",

                                        "path": "/v2/datasets/@{encodeURIComponent(encodeURIComponent('default'))},@{encodeURIComponent(encodeURIComponent('default'))}/procedures/@{encodeURIComponent(encodeURIComponent('[CES].[sp\_Save\_FileProcessLog]'))}"

                                    },

                                    "runAfter": {},

                                    "type": "ApiConnection"

                                },

                                "Upload\_RiskAssessment\_to\_Blob": {

                                    "inputs": {

                                        "authentication": {

                                            "audience": "https://storage.azure.com",

                                            "type": "ManagedServiceIdentity"

                                        },

                                        "body": "@triggerMultipartBody(variables('index'))",

                                        "headers": {

                                            "x-ms-blob-type": "BlockBlob",

                                            "x-ms-date": "@{formatDateTime(utcNow(),'r')}",

                                            "x-ms-version": "2019-07-07"

                                        },

                                        "method": "PUT",

                                        "uri": "https://sacuksnprdiisqlces0003.blob.core.windows.net/ces-func/Arrival/@{concat(split(replace(split(split(item()['headers']['Content-Disposition'],';')[2],'=')[1],'\"',''),'\_')[1])}/@{triggerOutputs()['headers']['X-File-Name']}"

                                    },

                                    "runAfter": {

                                        "Execute\_stored\_procedure-RiskAssessment": [

                                            "Succeeded"

                                        ]

                                    },

                                    "type": "Http"

                                }

                            }

                        },

                        "expression": {

                            "and": [

                                {

                                    "equals": [

                                        "@concat(split(replace(split(split(item()['headers']['Content-Disposition'],';')[2],'=')[1],'\"',''),'\_')[1])",

                                        "TaskListPlannedDateUpload"

                                    ]

                                }

                            ]

                        },

                        "runAfter": {},

                        "type": "If"

                    },

                    "Increment\_variable": {

                        "inputs": {

                            "name": "index",

                            "value": 1

                        },

                        "runAfter": {

                            "Condition\_Request\_Check": [

                                "Succeeded"

                            ]

                        },

                        "type": "IncrementVariable"

                    }

                },

                "foreach": "@trigger().outputs.body.$multipart",

                "runAfter": {

                    "Initialize\_Index\_variable": [

                        "Succeeded"

                    ]

                },

                "type": "Foreach"

            },

            "Initialize\_Index\_variable": {

                "inputs": {

                    "variables": [

                        {

                            "name": "Index",

                            "type": "integer",

                            "value": 0

                        }

                    ]

                },

                "runAfter": {},

                "type": "InitializeVariable"

            },

            "Succces\_Response": {

                "inputs": {

                    "body": "@json('{\"message\": \"submitted successfully\"}')",

                    "statusCode": 200

                },

                "kind": "Http",

                "runAfter": {

                    "For\_each": [

                        "Succeeded"

                    ]

                },

                "type": "Response"

            }

        },

        "contentVersion": "1.0.0.0",

        "outputs": {},

        "parameters": {

            "$connections": {

                "defaultValue": {},

                "type": "Object"

            }

        },

        "triggers": {

            "manual": {

                "inputs": {},

                "kind": "Http",

                "operationOptions": "IncludeAuthorizationHeadersInOutputs",

                "type": "Request"

            }

        }

    },

    "parameters": {

        "$connections": {

            "value": {

                "sql": {

                    "connectionId": "/subscriptions/02875d88-c22b-4572-a761-5609a9158103/resourceGroups/res-uks-nprd-ii-civldev0001/providers/Microsoft.Web/connections/sqlConn",

                    "connectionName": "sqlConn",

                    "id": "/subscriptions/02875d88-c22b-4572-a761-5609a9158103/providers/Microsoft.Web/locations/uksouth/managedApis/sql"

                }

            }

        }

    }

}

2.upload asset image

[{"key":"X-File-Metadata","value":"{\"asset\_guid\":\"0E1BC1733DDDC884E050E70A81863A0F\",\"asset\_img\_name\":\"\",\"asset\_img\_path\":\"\",\"user\_id\":\"\"}","description":""}]

Graphical user interface, text, application, email

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Graphical user interface, text, application, email

Description automatically generated

{

"asset\_img\_name": "Capture.PNG",

"asset\_img\_path": "https://sacuksnprdiicesdev0001.blob.core.windows.net/ces-adls/ces-adls-data/INC/Raw/Asset\_Image/Year-2021/Month-7/Date-27/Hour-8/Minutes-47/Secounds-35/Capture.PNG"

}

Blob API to get Image

<!--

IMPORTANT:

- Policy elements can appear only within the <inbound>, <outbound>, <backend> section elements.

- To apply a policy to the incoming request (before it is forwarded to the backend service), place a corresponding policy element within the <inbound> section element.

- To apply a policy to the outgoing response (before it is sent back to the caller), place a corresponding policy element within the <outbound> section element.

- To add a policy, place the cursor at the desired insertion point and select a policy from the sidebar.

- To remove a policy, delete the corresponding policy statement from the policy document.

- Position the <base> element within a section element to inherit all policies from the corresponding section element in the enclosing scope.

- Remove the <base> element to prevent inheriting policies from the corresponding section element in the enclosing scope.

- Policies are applied in the order of their appearance, from the top down.

- Comments within policy elements are not supported and may disappear. Place your comments between policy elements or at a higher level scope.

-->

<policies>

<inbound>

<set-variable name="BlobName" value="@(context.Request.Headers.GetValueOrDefault("Blob"))" />

<base />

<validate-jwt header-name="Authorization" failed-validation-httpcode="401" failed-validation-error-message="unauthorized token" require-scheme="Bearer" output-token-variable-name="jwt">

<openid-config url="https://login.microsoftonline.com/{{oAuthTokenIssuerTenantId}}/.well-known/openid-configuration" />

<issuers>

<issuer>https://sts.windows.net/{{oAuthTokenIssuerTenantId}}/</issuer>

</issuers>

<required-claims>

<claim name="aud" match="any">

<value>api://{{CesWebApp}}</value>

<value>api://{{CesSuppliersApp}}</value>

</claim>

</required-claims>

</validate-jwt>

<choose>

<when condition="@(context.Request.Method == "GET" && ((Jwt)context.Variables["jwt"]).Claims["aud"].Contains("api://{{CesWebApp}}"))">

<set-backend-service base-url="@{

string blobName = context.Variables.GetValueOrDefault<string>("BlobName");

return String.Format("https://{{storageaccount}}.blob.core.windows.net/{{CEFAContainerName}}/{0}", blobName);

}" />

</when>

<when condition="@(context.Request.Method == "GET" && ((Jwt)context.Variables["jwt"]).Claims["aud"].Contains("api://{{CesSuppliersApp}}"))">

<set-backend-service base-url="@{

string blobName = context.Variables.GetValueOrDefault<string>("BlobName");

return String.Format("https://{{storageaccount}}.blob.core.windows.net/{{CEFAContainerName}}/{0}", blobName);

}" />

</when>

</choose>

<set-header name="Blob" exists-action="delete" />

<set-header name="Container" exists-action="delete" />

<set-header name="Ocp-Apim-Subscription-Key" exists-action="delete" />

<set-header name="Sec-Fetch-Site" exists-action="delete" />

<set-header name="Sec-Fetch-Mode" exists-action="delete" />

<set-header name="Sec-Fetch-Dest" exists-action="delete" />

<set-header name="Accept" exists-action="delete" />

<set-header name="Accept-Encoding" exists-action="delete" />

<set-header name="Referer" exists-action="delete" />

<set-header name="X-Forwarded-For" exists-action="delete" />

<set-header name="x-ms-version" exists-action="override">

<value>@{string version = "2017-11-09"; return version;}</value>

</set-header>

<authentication-managed-identity resource="https://storage.azure.com/" />

</inbound>

<backend>

<base />

</backend>

<outbound>

<base />

</outbound>

<on-error>

<base />

</on-error>

</policies>

|  |  |
| --- | --- |
| CEFAContainerName= ces-adls |  |

Req: [{"key":"Blob","value":"ces-adls-data/INC/Raw/Asset\_Image/Year-2021/Month-7/Date-27/Hour-8/Minutes-47/Secounds-35/Capture.PNG","description":""}]

Graphical user interface, text, application

Description automatically generated

## 3.lapuksnprdiicesdev0001

## https://prod-14.uksouth.logic.azure.com:443/workflows/642918ba1d15437491b9ad50bd7ac0e6/triggers/manual/paths/invoke?api-version=2016-10-01&sp=%2Ftriggers%2Fmanual%2Frun&sv=1.0&sig=P-yhzKXGV0bw7gz2pf1UuN7\_Jxv1yPbJAw9FPJPwOE0

ces-la-postexamdates=https://prod-14.uksouth.logic.azure.com:443/workflows/642918ba1d15437491b9ad50bd7ac0e6/triggers/

<https://apim-uks-nprd-ces-0001.azure-api.net/II/CESAPI/tasklist/examdates>

HEADER:[{"key":"X-File-Name","value":"CES\_TaskListPlannedDateUpload\_AMEY\_1613423.xlsx","description":""},{"key":"X-User-Key","value":"fdca593a-6c93-4a7d-8e61-2986eef490c7","description":""},{"key":"X-Supplier-Name","value":"AMEYRAIL","description":""}]

BODY:SEE PM SCREEN SHOT

<policies>

<inbound>

<base />

<set-variable name="isFileName" value="@(context.Request.Headers.GetValueOrDefault("X-File-Name","").Contains("CES\_TaskListPlannedDateUpload\_") || context.Request.Headers.GetValueOrDefault("X-File-Name","").Contains("CES\_RiskAssessmentStatus\_"))" />

<choose>

<when condition="@(context.Variables.GetValueOrDefault<bool>("isFileName"))" />

<otherwise>

<return-response>

<set-status code="400" reason="Bad Request" />

<set-body>Incorrect File Name</set-body>

</return-response>

</otherwise>

</choose>

<set-backend-service base-url="{{ces-la-postexamdates}}" />

<rewrite-uri template="/manual/paths/invoke?api-version=2016-10-01" />

<set-header id="apim-generated-policy" name="Ocp-Apim-Subscription-Key" exists-action="delete" />

</inbound>

<backend>

<base />

</backend>

<outbound>

<base />

</outbound>

<on-error>

<base />

</on-error>

</policies>

Graphical user interface, text, application

Description automatically generated

trigger().outputs.body.$multipart

concat(split(replace(split(split(item()['headers']['Content-Disposition'],';')[2],'=')[1],'"',''),'\_')[1])

"File\_Name": "@{triggerOutputs()['headers']['X-File-Name']}",

"File\_Type": "Task List Date Upload",

"Supplier\_Name": " @{triggerOutputs()['headers']['X-Supplier-Name']}",

"User\_Key": "@{triggerOutputs()['headers']['X-User-Key']}"

Graphical user interface, application

Description automatically generated

"$multipart": [

    {

      "headers": {

        "Content-Disposition": "form-data; name=\"file\"; filename=\"CES\_TaskListPlannedDateUpload\_AmeyRail\_20210518123749.xlsx\"",

        "Content-Type": "application/vnd.openxmlformats-officedocument.spreadsheetml.sheet"

      },

      "body": {

        "$content-type": "application/vnd.openxmlformats-officedocument.spreadsheetml.sheet",

        "$content": "UEsfkdjfodhfsdjg------

concat(split(replace(split(split(item()['headers']['Content-Disposition'],';')[2],'=')[1],'"',''),'\_')[1])

concat(split(replace(split(split(item()['headers']['Content-Disposition'],';')[2],'=')[1],'"',''),'\_')[2],'/',replace(split(split(item()['headers']['Content-Disposition'],';')[2],'=')[1],'"',''))

triggerMultipartBody(variables('index'))

concat(split(replace(split(split(item()['headers']['Content-Disposition'],';')[2],'=')[1],'"',''),'\_')[1])

A picture containing text, screenshot, indoor

Description automatically generated

A picture containing text, screenshot, computer, indoor

Description automatically generated

A picture containing text, screenshot, computer

Description automatically generated

**4.lapuksnprdiicesdev0002**

<https://apim-uks-nprd-ces-0001.azure-api.net/II/CESAPI/supplier/ExamData>

for Supplier:get the X-Supplier-Id from token and for 'X-Supplier-Name' condition set in logic app if(contains(triggerOutputs()['headers'],'X-Supplier-Name'),triggerOutputs()['headers']['X-Supplier-Name'],null)

for NRID: HEADER:[{"key":"Content-Type","value":"application/json","description":""},{"key":"X-Supplier-Name","value":"Amey Rail","description":""},{"key":"X-Supplier-Id","value":"121231313133214","description":""}]

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface

Description automatically generated

SUPPLIER::

<policies>

<inbound>

<base />

<set-header name="X-Supplier-Id" exists-action="append">

<value>@{

string appid = "unknown";

string authHeader = context.Request.Headers.GetValueOrDefault("Authorization", "");

if (authHeader?.Length > 0)

{

string[] authHeaderParts = authHeader.Split(' ');

if (authHeaderParts?.Length == 2 && authHeaderParts[0].Equals("Bearer", StringComparison.InvariantCultureIgnoreCase))

{

Jwt jwt;

if (authHeaderParts[1].TryParseJwt(out jwt))

{

appid = (jwt.Claims.GetValueOrDefault("appid", "unknown"));

}

}

}

return appid;

}</value>

</set-header>

<set-backend-service base-url="{{ces-la-postexamdata}}" />

<rewrite-uri template="/manual/paths/invoke?api-version=2016-10-01" />

<set-header id="apim-generated-policy" name="Ocp-Apim-Subscription-Key" exists-action="delete" />

</inbound>

<backend>

<base />

</backend>

<outbound>

<base />

</outbound>

<on-error>

<base />

</on-error>

</policies>

Graphical user interface, text, application, email

Description automatically generated

ces-la-postexamdata <https://prod-11.uksouth.logic.azure.com:443/workflows/dc0fef03d8d4486ba52268eb09031586/triggers/manual/paths/invoke?api-version=2016-10-01&sp=%2Ftriggers%2Fmanual%2Frun&sv=1.0&sig=Yj-aVT8ok6MWR_JDT5CthpVVx27jrDvefq3NNxukX3o>

trigger().outputs.body.$multipart

if(contains(triggerOutputs()['headers'],'X-Supplier-Name'),triggerOutputs()['headers']['X-Supplier-Name'],null)

<https://apim-uks-nprd-ces-0001.azure-api.net/II/CESAPI/supplier/examDataValidation>

LOCAL: <http://localhost:8025/api/laPostExamDataValidation>

HEADER:[{"key":"Content-Type","value":"application/json","description":""},{"key":"X-Supplier-Name","value":"Amey Rail","description":""},{"key":"X-Supplier-Id","value":"121231313133214","description":""}]

BODY: [

{

"Content-Disposition": "form-data; name=\"\"; filename=\"CES\_ExamDataUpload\_AmeyRail\_20210430120522.xml\"",

"Content-Type": "text/xml"

},

{

"Content-Disposition": "form-data; name=\"\"; filename=\"CES\_ExamDataUpload\_AmeyRail\_20210430120522.pdf\"",

"Content-Type": "application/pdf"

},

{

"Content-Disposition": "form-data; name=\"\"; filename=\"CES\_ExamDataUpload\_AmeyRail\_20210430120522.PNG\"",

"Content-Type": "image/png"

}

]

Graphical user interface, application, Word

Description automatically generated

replace(split(split(item()['headers']['Content-Disposition'],';')[2],'=')[1],'"','')

split(split(body('Validate\_uploaded\_files'),':')[1],'}')[0]

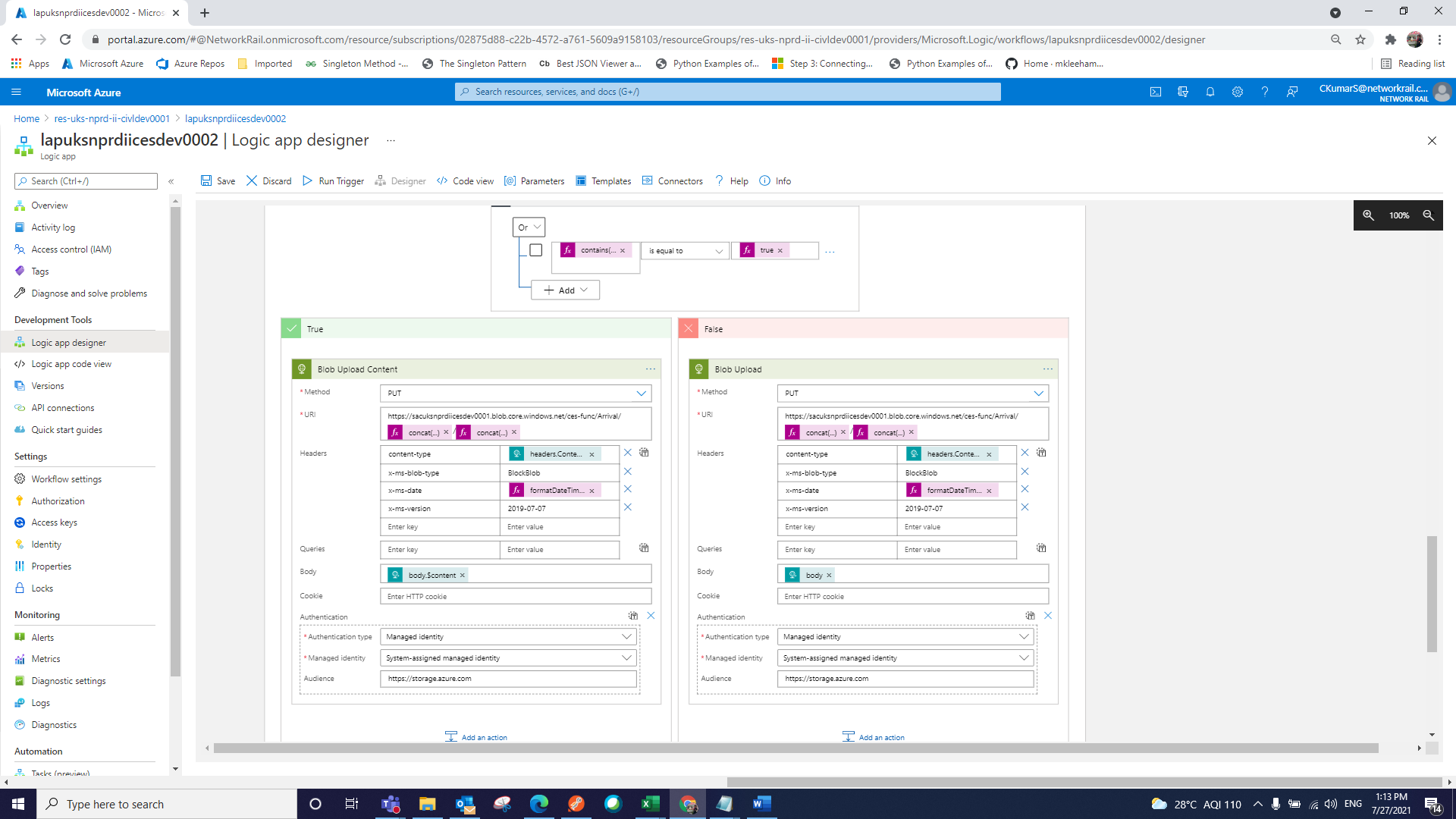
Graphical user interface, application

Description automatically generated

concat(split(replace(split(split(item()['headers']['Content-Disposition'],';')[2],'=')[1],'"',''),'\_')[2],'/',replace(split(split(item()['headers']['Content-Disposition'],';')[2],'=')[1],'"',''))

concat(split(replace(split(split(item()['headers']['Content-Disposition'],';')[2],'=')[1],'"',''),'\_')[1])

contains(items('For\_each').body,'$content')



split(last(split(split(string(triggerBody()),'.xml')[0],'filename')),'\_')[1]

split(last(split(split(string(triggerBody()),'.xml')[0],'filename')),'\_')[2]

last(split(last(split(split(string(triggerBody()),'.xml')[0],'filename')),'"'))

formatDateTime(utcNow(),'r')

Graphical user interface, application

Description automatically generated

"$multipart": [

{

"headers": {

"Content-Disposition": "form-data; name=\"\"; filename=\"CES\_ExamDataUpload\_AmeyRail\_20210611170532.pdf\"",

"Content-Type": "application/pdf"

},

"body": {

"$content-type": "application/pdf",

{

"headers": {

"Content-Disposition": "form-data; name=\"\"; filename=\"CES\_ExamDataUpload\_AmeyRail\_20210611170532.xml\"",

"Content-Type": "application/xml"

},

"body": {

"$content-type": "application/xml",

}

]

}

Graphical user interface, application, Word

Description automatically generated

Graphical user interface, application, Word

Description automatically generated

Graphical user interface, application

Description automatically generated

Graphical user interface, application, Word

Description automatically generated

Graphical user interface, text, application, Word

Description automatically generated

Graphical user interface, application

Description automatically generated

Graphical user interface, application, table

Description automatically generated