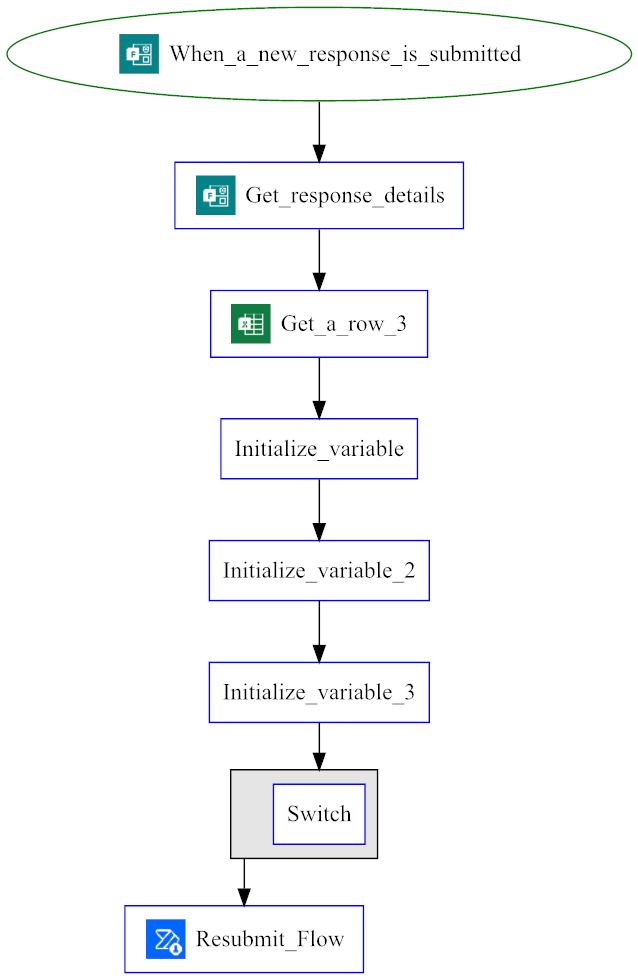
# Flow Documentation - Consultant and SoW Renewal

|  |  |
| --- | --- |
| **Flow Name** | Consultant and SoW Renewal |
| **Flow ID** | 973e339f-56d2-4ef6-97e6-52ccc7343f93 |
| **Documentation generated at** | 22 July 2023 10:07 |
| **Number of Variables** | 3 |
| **Number of Actions** | 15 |

## Flow Overview

The following chart shows the top level layout of the Flow. For a detailed view, please visit the section called Detailed Flow Diagram



## Connections

There are a total of 3 connections used in this Flow:

### Excel Online (Business)

|  |  |  |  |
| --- | --- | --- | --- |
| **Connector** | |  |  | | --- | --- | |  | [Excel Online (Business)](https://docs.microsoft.com/connectors/excelonlinebusiness) | |
| **Connection Type** | Connector |
| **ID** | shared\_excelonlinebusiness\_1 |
| **Source** | Embedded |

### Microsoft Forms

|  |  |  |  |
| --- | --- | --- | --- |
| **Connector** | |  |  | | --- | --- | |  | [Microsoft Forms](https://docs.microsoft.com/connectors/microsoftforms) | |
| **Connection Type** | Connector |
| **ID** | shared\_microsoftforms |
| **Source** | Embedded |

### Power Automate Management

|  |  |  |  |
| --- | --- | --- | --- |
| **Connector** | |  |  | | --- | --- | |  | [Power Automate Management](https://docs.microsoft.com/connectors/flowmanagement) | |
| **Connection Type** | Connector |
| **ID** | shared\_flowmanagement |
| **Source** | Embedded |

## Variables

### Extension

|  |  |
| --- | --- |
| **Name** | Extension |
| **Type** | float |
| **Initial Value** |  |
| **Used in these Actions** | [Initialize\_variable](#804712C7A93B0CE7034ADC522E5FB7E2)  [Set\_variable\_2](#8F4E7688F5D79C080207CDEE98E33014) |

### PreviousAgreementduration

|  |  |
| --- | --- |
| **Name** | PreviousAgreementduration |
| **Type** | float |
| **Initial Value** |  |
| **Used in these Actions** | [Initialize\_variable\_2](#6B653B217CB4F943132376C59440B45D)  [Set\_variable](#1ED475E52B09EC93184335556466AAF3) |

### PreviousSoWDuration

|  |  |
| --- | --- |
| **Name** | PreviousSoWDuration |
| **Type** | float |
| **Initial Value** |  |
| **Used in these Actions** | [Initialize\_variable\_3](#867D4824A903CA7A4DD853CCDAB0603E) |

## Trigger

|  |  |
| --- | --- |
| **Name** | When\_a\_new\_response\_is\_submitted |
| **Type** | OpenApiConnectionWebhook |
| **Connector** | microsoftforms |
| **Inputs Details** | |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_microsoftforms | | connectionName | shared\_microsoftforms | | operationId | CreateFormWebhook | |
| **parameters** | |  |  | | --- | --- | | form\_id | epiJLMf1xkqTd4q-EaCLuBwp4QcTX-1HhCNGGhbZWNlUQjJWWThSSElNV0NBQUpJMlNXV0FLUUkxSy4u | |
| **authentication** | @parameters('$authentication') |
| **Other Trigger Properties** | |
| **splitOn** | @triggerOutputs()?['body/value'] |
| **metadata** | |  |  | | --- | --- | | operationMetadataId | 47db175e-2879-4f68-95b8-d4d524da2a86 | |

## Actions

There are a total of 15 actions used in this Flow:

### Get\_a\_row

|  |  |
| --- | --- |
| **Name** | Get\_a\_row |
| **Type** | OpenApiConnection |
| **Connection** | |  |  | | --- | --- | |  | [Excel Online (Business)](https://docs.microsoft.com/connectors/excelonlinebusiness) | |
| **Inputs** | |
| **metadata** | |  |  | | --- | --- | | 017VZNBZV7LGC3NQLGSZHJLDDQJX3BOJ35 | /Consultant agreement and SoW/Consultant agreement and SoW.xlsx | | tableId | {9B8B5489-C9DF-4506-91DD-3A3AFDE0CC54} | |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_excelonlinebusiness | | connectionName | shared\_excelonlinebusiness\_1 | | operationId | GetItem | |
| **parameters** | |  |  | | --- | --- | | source | me | | drive | b!2ew14x4gs0-EdEC63tddIoqGgWhkkRZMm-Kc95U70JTzPLs5S9l-R42TWyyDO6x\_ | | file | 017VZNBZV7LGC3NQLGSZHJLDDQJX3BOJ35 | | table | {9B8B5489-C9DF-4506-91DD-3A3AFDE0CC54} | | idColumn | Consultant Agreement number | | id | @outputs('Get\_response\_details')?['body/r63b631d039e449a18d50c29784281fa9'] | |
| **authentication** | @parameters('$authentication') |
| **Next Action(s) Conditions** | [Update\_a\_row](#465A5F9ACA0754F48475A939CB90A7E4) [Succeeded] |

### Get\_a\_row\_2

|  |  |
| --- | --- |
| **Name** | Get\_a\_row\_2 |
| **Type** | OpenApiConnection |
| **Connection** | |  |  | | --- | --- | |  | [Excel Online (Business)](https://docs.microsoft.com/connectors/excelonlinebusiness) | |
| **Inputs** | |
| **metadata** | |  |  | | --- | --- | | 017VZNBZV7LGC3NQLGSZHJLDDQJX3BOJ35 | /Consultant agreement and SoW/Consultant agreement and SoW.xlsx | | tableId | {9B8B5489-C9DF-4506-91DD-3A3AFDE0CC54} | |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_excelonlinebusiness | | connectionName | shared\_excelonlinebusiness\_1 | | operationId | GetItem | |
| **parameters** | |  |  | | --- | --- | | source | me | | drive | b!2ew14x4gs0-EdEC63tddIoqGgWhkkRZMm-Kc95U70JTzPLs5S9l-R42TWyyDO6x\_ | | file | 017VZNBZV7LGC3NQLGSZHJLDDQJX3BOJ35 | | table | {9B8B5489-C9DF-4506-91DD-3A3AFDE0CC54} | | idColumn | SoW Number | | id | @outputs('Get\_response\_details')?['body/r63b631d039e449a18d50c29784281fa9'] | |
| **authentication** | @parameters('$authentication') |
| **Next Action(s) Conditions** | [Update\_a\_row\_3](#74891E96776811B11DE0CA39BA082CB5) [Succeeded] |

### Get\_a\_row\_3

|  |  |
| --- | --- |
| **Name** | Get\_a\_row\_3 |
| **Type** | OpenApiConnection |
| **Connection** | |  |  | | --- | --- | |  | [Excel Online (Business)](https://docs.microsoft.com/connectors/excelonlinebusiness) | |
| **Inputs** | |
| **metadata** | |  |  | | --- | --- | | 017VZNBZV7LGC3NQLGSZHJLDDQJX3BOJ35 | /Consultant agreement and SoW/Consultant agreement and SoW.xlsx | | tableId | {9B8B5489-C9DF-4506-91DD-3A3AFDE0CC54} | | operationMetadataId | 87073b36-3bbf-4b04-87ac-ebb8de406f11 | |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_excelonlinebusiness | | connectionName | shared\_excelonlinebusiness\_1 | | operationId | GetItem | |
| **parameters** | |  |  | | --- | --- | | source | me | | drive | b!2ew14x4gs0-EdEC63tddIoqGgWhkkRZMm-Kc95U70JTzPLs5S9l-R42TWyyDO6x\_ | | file | 017VZNBZV7LGC3NQLGSZHJLDDQJX3BOJ35 | | table | {9B8B5489-C9DF-4506-91DD-3A3AFDE0CC54} | | idColumn | Consultant Agreement number | | id | @outputs('Get\_response\_details')?['body/r63b631d039e449a18d50c29784281fa9'] | |
| **authentication** | @parameters('$authentication') |
| **Next Action(s) Conditions** | [Initialize\_variable](#804712C7A93B0CE7034ADC522E5FB7E2) [Succeeded] |

### Get\_response\_details

|  |  |
| --- | --- |
| **Name** | Get\_response\_details |
| **Type** | OpenApiConnection |
| **Connection** | |  |  | | --- | --- | |  | [Microsoft Forms](https://docs.microsoft.com/connectors/microsoftforms) | |
| **Inputs** | |
| **metadata** | |  |  | | --- | --- | | operationMetadataId | a3462c59-b39c-429e-abc7-e6cf92fc0ca9 | |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_microsoftforms | | connectionName | shared\_microsoftforms | | operationId | GetFormResponseById | |
| **parameters** | |  |  | | --- | --- | | form\_id | epiJLMf1xkqTd4q-EaCLuBwp4QcTX-1HhCNGGhbZWNlUQjJWWThSSElNV0NBQUpJMlNXV0FLUUkxSy4u | | response\_id | @triggerOutputs()?['body/resourceData/responseId'] | |
| **authentication** | @parameters('$authentication') |
| **Next Action(s) Conditions** | [Get\_a\_row\_3](#F7D20325397C5C856935E141CACC9A33) [Succeeded] |

### Initialize\_variable

|  |  |
| --- | --- |
| **Name** | Initialize\_variable |
| **Type** | InitializeVariable |
| **Inputs** | |
| **metadata** | |  |  | | --- | --- | | operationMetadataId | 457e2b45-d546-47f0-94d6-4b91181f9950 | |
| **variables** | |  |  | | --- | --- | | name | Extension | | type | float | |
| **Next Action(s) Conditions** | [Initialize\_variable\_2](#6B653B217CB4F943132376C59440B45D) [Succeeded] |

### Initialize\_variable\_2

|  |  |
| --- | --- |
| **Name** | Initialize\_variable\_2 |
| **Type** | InitializeVariable |
| **Inputs** | |
| **metadata** | |  |  | | --- | --- | | operationMetadataId | e8764aa0-ba0c-4429-8c3e-3917bb263019 | |
| **variables** | |  |  | | --- | --- | | name | PreviousAgreementduration | | type | float | |
| **Next Action(s) Conditions** | [Initialize\_variable\_3](#867D4824A903CA7A4DD853CCDAB0603E) [Succeeded] |

### Initialize\_variable\_3

|  |  |
| --- | --- |
| **Name** | Initialize\_variable\_3 |
| **Type** | InitializeVariable |
| **Inputs** | |
| **metadata** | |  |  | | --- | --- | | operationMetadataId | 3ba3704e-32b0-4b01-b77c-a77f8697173c | |
| **variables** | |  |  | | --- | --- | | name | PreviousSoWDuration | | type | float | |
| **Next Action(s) Conditions** | [Switch](#BBC155FB2B111BF61C4F5FF892915E6B) [Succeeded] |

### Resubmit\_Flow

|  |  |
| --- | --- |
| **Name** | Resubmit\_Flow |
| **Type** | OpenApiConnection |
| **Connection** | |  |  | | --- | --- | |  | [Power Automate Management](https://docs.microsoft.com/connectors/flowmanagement) | |
| **Inputs** | |
| **metadata** | |  |  | | --- | --- | | operationMetadataId | beef3efd-8140-40d4-bf37-32f330a95898 | |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_flowmanagement | | connectionName | shared\_flowmanagement | | operationId | ResubmitFlow | |
| **parameters** | |  |  | | --- | --- | | environmentName | Default-2c89987a-f5c7-4ac6-9377-8abe11a08bb8 | | flowName | 3a7341d2-1e2f-4c2d-8a68-09940044037e | | triggerName | When\_a\_new\_response\_is\_submitted | | runId | @outputs('Get\_a\_row')?['body/RunID'] | |
| **authentication** | @parameters('$authentication') |

### Set\_variable

|  |  |
| --- | --- |
| **Name** | Set\_variable |
| **Type** | SetVariable |
| **Inputs** | |
| **name** | PreviousAgreementduration |
| **value** | @float(outputs('Update\_a\_row')?['body/Duration of agreement']) |
| **Next Action(s) Conditions** | [Set\_variable\_2](#8F4E7688F5D79C080207CDEE98E33014) [Succeeded] |

### Set\_variable\_2

|  |  |
| --- | --- |
| **Name** | Set\_variable\_2 |
| **Type** | SetVariable |
| **Inputs** | |
| **name** | Extension |
| **value** | @float(outputs('Get\_response\_details')?['body/r93fff907618447b2a5efba597f7c4bdb']) |
| **Next Action(s) Conditions** | [Update\_a\_row\_2](#00E7A2FF2BE79D588E60F76F2F2DE885) [Succeeded] |

### Switch

|  |  |
| --- | --- |
| **Name** | Switch |
| **Type** | Switch |
| **Expression** | @outputs('Get\_response\_details')?['body/ra6e38be6305b449387e8c2a635ba400b'] |
| **Inputs** | |
| **metadata** | |  |  | | --- | --- | | operationMetadataId | 0e3088dd-3629-4714-a1a9-27550de28c0e | |
| **Switch Actions** | |  |  | | --- | --- | | **Case Values** | **Action** | | **Consultant Agreement** | [Get\_a\_row](#316E4DBE0C305AA94F81273A3FE6CE51) | | **Consultant Agreement** | [Update\_a\_row](#465A5F9ACA0754F48475A939CB90A7E4) | | **Consultant Agreement** | [Update\_a\_row\_2](#00E7A2FF2BE79D588E60F76F2F2DE885) | | **Consultant Agreement** | [Set\_variable](#1ED475E52B09EC93184335556466AAF3) | | **Consultant Agreement** | [Set\_variable\_2](#8F4E7688F5D79C080207CDEE98E33014) | | **SoW** | [Get\_a\_row\_2](#CCCD8FEACA6DF6C04144E2C450D6888C) | | **SoW** | [Update\_a\_row\_3](#74891E96776811B11DE0CA39BA082CB5) | | **SoW** | [Update\_a\_row\_4](#F343A0764DFEBF4E9C54D41A38CFBE98) | |
| **Next Action(s) Conditions** | [Resubmit\_Flow](#ED56F0D8059759ED0E6878F2BE324E46) [Succeeded] |

### Update\_a\_row

|  |  |
| --- | --- |
| **Name** | Update\_a\_row |
| **Type** | OpenApiConnection |
| **Connection** | |  |  | | --- | --- | |  | [Excel Online (Business)](https://docs.microsoft.com/connectors/excelonlinebusiness) | |
| **Inputs** | |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_excelonlinebusiness | | connectionName | shared\_excelonlinebusiness\_1 | | operationId | PatchItem | |
| **parameters** | |  |  | | --- | --- | | source | me | | drive | b!2ew14x4gs0-EdEC63tddIoqGgWhkkRZMm-Kc95U70JTzPLs5S9l-R42TWyyDO6x\_ | | file | /Consultant agreement and SoW/Consultant agreement and SoW.xlsx | | table | {9B8B5489-C9DF-4506-91DD-3A3AFDE0CC54} | | idColumn | Consultant Agreement number | | id | @outputs('Get\_response\_details')?['body/r63b631d039e449a18d50c29784281fa9'] | | item/Old expiry date | @outputs('Get\_a\_row')?['body/Last date of agreement'] | | item/Nature of Extension | @outputs('Get\_response\_details')?['body/ra6e38be6305b449387e8c2a635ba400b'] | |
| **authentication** | @parameters('$authentication') |
| **Next Action(s) Conditions** | [Set\_variable](#1ED475E52B09EC93184335556466AAF3) [Succeeded] |

### Update\_a\_row\_2

|  |  |
| --- | --- |
| **Name** | Update\_a\_row\_2 |
| **Type** | OpenApiConnection |
| **Connection** | |  |  | | --- | --- | |  | [Excel Online (Business)](https://docs.microsoft.com/connectors/excelonlinebusiness) | |
| **Inputs** | |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_excelonlinebusiness | | connectionName | shared\_excelonlinebusiness\_1 | | operationId | PatchItem | |
| **parameters** | |  |  | | --- | --- | | source | me | | drive | b!2ew14x4gs0-EdEC63tddIoqGgWhkkRZMm-Kc95U70JTzPLs5S9l-R42TWyyDO6x\_ | | file | /Consultant agreement and SoW/Consultant agreement and SoW.xlsx | | table | {9B8B5489-C9DF-4506-91DD-3A3AFDE0CC54} | | idColumn | Consultant Agreement number | | id | @outputs('Get\_response\_details')?['body/r63b631d039e449a18d50c29784281fa9'] | | item/Last date of agreement | @outputs('Get\_response\_details')?['body/rbf6f06718d1744cd982ef62c25a0310c'] | | item/Duration of agreement | @add(variables('Extension'),variables('PreviousAgreementduration')) | |
| **authentication** | @parameters('$authentication') |

### Update\_a\_row\_3

|  |  |
| --- | --- |
| **Name** | Update\_a\_row\_3 |
| **Type** | OpenApiConnection |
| **Connection** | |  |  | | --- | --- | |  | [Excel Online (Business)](https://docs.microsoft.com/connectors/excelonlinebusiness) | |
| **Inputs** | |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_excelonlinebusiness | | connectionName | shared\_excelonlinebusiness\_1 | | operationId | PatchItem | |
| **parameters** | |  |  | | --- | --- | | source | me | | drive | b!2ew14x4gs0-EdEC63tddIoqGgWhkkRZMm-Kc95U70JTzPLs5S9l-R42TWyyDO6x\_ | | file | /Consultant agreement and SoW/Consultant agreement and SoW.xlsx | | table | {9B8B5489-C9DF-4506-91DD-3A3AFDE0CC54} | | idColumn | SoW Number | | id | @outputs('Get\_response\_details')?['body/reeabde242840494095f26572217eeb32'] | | item/Old expiry date | @outputs('Get\_a\_row\_2')?['body/SoW end date'] | | item/Nature of Extension | @outputs('Get\_a\_row\_2')?['body/Nature of Extension'] | |
| **authentication** | @parameters('$authentication') |
| **Next Action(s) Conditions** | [Update\_a\_row\_4](#F343A0764DFEBF4E9C54D41A38CFBE98) [Succeeded] |

### Update\_a\_row\_4

|  |  |
| --- | --- |
| **Name** | Update\_a\_row\_4 |
| **Type** | OpenApiConnection |
| **Connection** | |  |  | | --- | --- | |  | [Excel Online (Business)](https://docs.microsoft.com/connectors/excelonlinebusiness) | |
| **Inputs** | |
| **host** | |  |  | | --- | --- | | apiId | /providers/Microsoft.PowerApps/apis/shared\_excelonlinebusiness | | connectionName | shared\_excelonlinebusiness\_1 | | operationId | PatchItem | |
| **parameters** | |  |  | | --- | --- | | source | me | | drive | b!2ew14x4gs0-EdEC63tddIoqGgWhkkRZMm-Kc95U70JTzPLs5S9l-R42TWyyDO6x\_ | | file | /Consultant agreement and SoW/Consultant agreement and SoW.xlsx | | table | {9B8B5489-C9DF-4506-91DD-3A3AFDE0CC54} | | idColumn | SoW Number | | id | @outputs('Get\_response\_details')?['body/reeabde242840494095f26572217eeb32'] | | item/Last date of agreement | @outputs('Get\_response\_details')?['body/rbf6f06718d1744cd982ef62c25a0310c'] | | item/Duration of agreement | @add(outputs('Update\_a\_row\_3')?['body/SoW duration'],outputs('Get\_response\_details')?['body/r93fff907618447b2a5efba597f7c4bdb']) | |
| **authentication** | @parameters('$authentication') |

## Detailed Flow Diagram

The following chart shows the detailed layout of the Flow

