

fintech **OS**

Siwalu Connector 1.0

User Guide

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Overview

Connectors are simple data point connections to external SaaS providers, that are used to enrich internal customer data to help in onboarding and risk decision scenarios. API Connectors gather data from a collection of REST APIs with the purpose of merging them into a cloud-based data storage system. This process gives the possibility of filtering and transforming data into a proper format or structure for the purposes of querying and analysis.

FintechOS offers the possibility of accessing different databases with the purpose of moving around specific data using API connectors. They can be used but are not limited to banking or insurance business scenarios, such as different types of insurances, customer identity verification in a loan origination operation, automatically fill-in data, data verification, and so on. In addition, connectors can have a significant role in insurance scenarios by providing easy access to databases where the needed information is stored.

Siwalu Software GmbH is an AI-based image recognition application that allows pet owners to easily predict their pet's breed based on a picture. The data returned has a 90% confidence score.

The FintechOS Siwalu Connector aids financial institutions by accelerating insurance policy creation. Once integrated in a digital journey, the API connector can be used to search and retrieve the following data:

- Breed prediction and name
- Different types of pet species

NOTE

For the moment, the Siwalu Connector can be used to predict cat, dog, and horse breeds.

When accessed from a digital journey, the Siwalu Connector allows insurance companies to verify pet breeds. It can be further enhanced using Innovation Studio adapting it to business requirements. The result is a fully functional and personalized searching tool that collects the needed information in a few steps.

NOTE

The Siwalu Connector can be used by customers from all regions: Americas, Europe, Middle East and Africa, Asia Pacific.

Business Pain Points

The Siwalu Connector is aimed at resolving some of the pain points when looking up certain pet data:

- searching for a pet's exact breed is time consuming
- requires verified and updated information
- manually inputting the pet's details (breed type, pet type, and so on) takes time and human errors may occur

Key Features

Once integrated in a digital journey, the Siwalu Connector solves these pain points by offering a simple way to collect the needed data.

- The pet's details are valid and up-to-date.
- Easy to use. It can be added to a digital journey to simplify the search and retrieve pet data.
- Time-efficient. The data no longer needs to be added manually.

Installation

Follow the below guidelines when installing the FintechOS Siwalu Connector.

Prerequisites:

1. Download the package from [FintechOS Marketplace](#).
2. Obtain the Siwalu user name and password.

NOTE

The user name and password are obtained from the Siwalu company.

3. Install the package on an environment FintechOS 21.1.6.0 and above with the Innovation Studio, Portal and B2C Portal configured. For details on B2C, see [Setting B2C Environment](#).

Set up web.config keys:

In the physical location of the installed digital journey, add the following keys in web.config before <appSettings>:

- <add key="FTOS_EXTD_SIWA_BaseUrl" value="https://example.com" />
- <add key="FTOS_EXTD_SIWA_ApiKey" value="API Key" />

Solution Walkthrough

The FintechOS Siwalu Connector offers the possibility of searching multiple databases in order to predict a pet's breed accurately. This functionality allows financial institutions employees to look up the pet's breed when creating pet insurance policies.

By integrating this connector in a digital journey, it retrieves the needed information in real-time and displays the pet's details. Using this functionality helps speed up the insurance business scenarios by automatically filling in the pet data.

FintechOS offers the possibility of accessing Siwalu databases through the Siwalu Connector. In order to have access to these databases, the below digital journey is proposed.

IMPORTANT!

The below walkthrough is not a representation of a stand-alone application. It represents a proposition on how to use this connector once it is integrated in a digital journey to search and retrieve verified pet details from multiple databases.

For a detailed walkthrough on how to search for company information, see the [Searching for Pet Breeds](#) page.

Searching for Pet Breeds

The FintechOS Siwalu Connector offers the possibility of searching databases for pet data. This connector can be used by financial institutions to add it to a digital journey and retrieve and verify the needed information from multiple databases.

IMPORTANT!

The below walkthrough is a proposition on how to use the FintechOS Siwalu Connector in a digital journey to search and validate pet data.

Follow the below steps to access and retrieve information using this connector.

1 Accessing the Siwalu Connector

1. Log into the FintechOS Portal using the given credentials.
2. From the FintechOS Portal main menu expand **My Projects** and click **SIWALU**.
3. Select **SIWALU search**. The **SIWALU Search List** page opens.
4. At the top-right corner of the screen, click the **Insert** button. The **Add SIWALU Search - 001. Welcome** page opens.

ADD SIWALU SEARCH - 001. WELCOME

Let predict breed with Siwalu !



Next

5. Click the **Next** button. The **Edit SIWALU Search - 002. Choose Breed** page opens. Select one of the following options:

EDIT SIWALU SEARCH - 002. CHOOSE BREED

Please choose an animal



Cat



Dog



Horse

SIWALU CONNECTOR USER GUIDE

Field	Required	Type	Description
Cat	Yes	Bool	Select this option to predict cat breeds.
Dog	Yes	Bool	Select this option to predict dog breeds.
Horse	Yes	Bool	Select this option to predict horse breeds.


6. Click the **Next** button. The **Edit SIWALU Search - 003. Upload Image** page opens. Fill in the following fields:

EDIT SIWALU SEARCH - 003. UPLOAD IMAGE

Upload a photo of your pet

WhatsApp Image 2022-01-11 at 4.49.07 PM.jpeg ✕

Select file



Please enter confidence score (%)

50 ✕ ⌵

Please enter top K result number

4 ✕ ⌵

Next

EDIT SIWALU SEARCH - 003. UPLOAD IMAGE

Upload a photo of your pet

WhatsApp Image 2022-01-12 at 11.25.24 AM.jpeg ✕

Select file



Field	Required	Type	Description
Select file	Yes	File	<p>Click this button to upload a photo.</p> <div style="background-color: #e1eef6; padding: 10px; border: 1px solid #d9e1f2;"> <p>NOTE The supported file types are: JPG, JPEG, PNG, BMP, and GIF. The maximum file size is 7MB.</p> </div>
Confidence score	No	Whole Number	Set the confidence level of the returned results.
Top K	No	Whole Number	<p>The maximum number of names that are returned by the associated request.</p> <div style="background-color: #e1eef6; padding: 10px; border: 1px solid #d9e1f2;"> <p>NOTE A breed can have multiple names or aliases, even in the same language. The default value is 1, for example only the localized main name is returned.</p> </div>

2 Displaying the Returned Results

7. Click the **Next** button. The **Edit SIWALU Search - 004. Breed Results** page opens.

8. Click the **Breed Results** and the **All Resulted Breed** buttons to view the pet's data. The following information is displayed:

EDIT SIWALU SEARCH - 004. BREED RESULTS

The predicted breed is :

BREED RESULT

Export
 Refresh

<input type="checkbox"/>	Breed name
	Calico Cat

All the resulted breeds :

ALL RESULTED BREED

Export
 Refresh

<input type="checkbox"/>	Breed	Confidence
	Calico Cat	69.16%
	Turkish Van	18.04%
	Domestic Short-Haired Cat	6.12%
	Japanese Bobtail Shorthair	3.4%

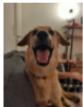


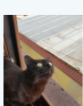
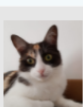
Finish

Field	Description
Breed name	The predicted breed's name.
Breed	All the resulted breed names similar to the pet's breed.
Confidence	Displays the confidence score of the resulted breeds.

7. Click the **Finish** button. The **SIWALU Search List** page is displayed.

3 Displaying Additional Pet Data

Double-click on the wanted record from the results list to view additional information.

SIWALU SEARCH LIST									
<input type="checkbox"/>	Uploaded picture	Animal	Min confi...	Breed	Breed Co...	Resulted ...	Resulted ...	Top K	Created ...
<input type="checkbox"/>		dog	30%	Canaan ...	55.47%	Dog	99.98%	4.00	12/01/2...
<input type="checkbox"/>		dog	50%	German ...	36.94%	Dog	99.89%	3.00	12/01/2...
<input type="checkbox"/>		cat	40%	Burmese...	97.74%	Cat	100%	5.00	12/01/2...
<input type="checkbox"/>		cat	40%	Burmese...	99.45%	Cat	100%	5.00	12/01/2...
<input checked="" type="checkbox"/>		cat	50%	Calico Cat	69.16%	Cat	100%	4.00	12/01/2...

The **Edit SIWALU Search** page opens displaying the following additional information:

SIWALU CONNECTOR USER GUIDE

EDIT SIWALU SEARCH

SIWALU SEARCH

Animal

Breed

Breed Confidence

Uploaded picture

Json Data

```
{
  "FullResponse": {
    "request_id": "2021-10-31_12-31-36_Jod-9190444",
    "result": {
      "closed_world": {
        "recognitions": [
          {
            "breed_key": "calico_cat",
            "confidence": 0.6915806531906128,
            "breed_key": "turkish_van",
            "confidence": 0.18037261068820953,
            "breed_key": "domestic_short-haired_cat",
            "confidence": 0.06121481582522392,
            "breed_key": "japanese_bobtail_shorthair",
            "confidence": 0.0340178944170473
          }
        ]
      },
      "open_world": {
        "recognitions": [
          {
            "breed_key": "calico_cat",
            "confidence": 0.6915806531906128,
            "breed_key": "turkish_van",
            "confidence": 0.18037261068820953,
            "breed_key": "domestic_short-haired_cat",
            "confidence": 0.06121481582522392,
            "breed_key": "japanese_bobtail_shorthair",
            "confidence": 0.0340178944170473
          }
        ]
      }
    }
  }
}
```

Min confidence

Name

Pet Image
 or

Resulted animal

Resulted animal confidence

Search Criteria

```
{
  "animal": "cat",
  "topK": 4,
  "fileName": "WhatsApp Image 2022-01-11 at 4.49.07 PM_3336d8dc-0bb9-4359-9a4e-ea23b225ef5f.jpeg",
  "fileUrl": "https://connectorsdev.westeurope.cloudapp.azure.com/ST_Portal/api/FileService/Download?fileName=WhatsApp Image 2022-01-11 at 4.49.07 PM_3336d8dc-0bb9-4359-9a4e-ea23b225ef5f.jpeg",
  "minConfidence": 50,
  "confidence": 69.15806531906128,
  "breed": "Calico Cat",
  "resultedAnimal": "cat",
  "resultedAnimalConfidence": 99.9998688697815
}
```

Top K

SIWAL RESULT OPEN

<input type="checkbox"/> Breed name
<input type="text" value="Q"/>
Calico Cat

SIWAL RESULTS

<input type="checkbox"/> Breed	Confidence
<input type="text" value="Q"/>	<input type="text" value="Q"/>
Calico Cat	69.16%
Turkish Van	18.04%
Domestic Short-Haired Cat	6.12%
Japanese Bobtail Shorthair	3.4%

HINT

In the **Edit SIWALU Search** page, information can be added or edited, depending on the case.

Field	Required	Type	Description
Animal	No	Text	The type of pet: cat, dog, or horse.
Breed	No	Text	The pet's breed.
Breed Confidence	No	Text	The confidence level for the resulted breeds.
Uploaded picture	No	Text	The pet's picture.
Json Data	No	Text	The parsed JSON data.
Min confidence	No	Whole Number	The minimum confidence level set when predicting a pet's breed.
Name	No	Text	The breed's name.
Pet Image	No	Text	The local path of the uploaded pet's picture.
Resulted animal	No	Text	The type of pet identified in the uploaded picture.
Resulted animal confidence	No	Text	The confidence level of the type of pet identified in the uploaded picture.
Search Criteria	No	Text	The search criteria.

Field	Required	Type	Description
Top K	No	Whole Number	The maximum number of names that are returned by the associated request.
Breed Name	No	Text	The breed's name.
Breed	No	Text	All the resulted breed names similar to the pet's breed.
Confidence	No	Whole Number	Displays the confidence score of the resulted breeds.

9. At the top-right corner of the screen, click the **Save and Close** button. The **SIWALU Search List** page is displayed.

Configurations Walkthrough

The following chapter of this guide is meant to explain how to use the Siwalu Connector in digital journeys, as well as the technical details of how the connector helps return data.

The Siwalu Connector can be integrated in a digital journey to simplify insurance processes, mainly the creation of pet insurance policies, by providing bank employees easy access to the Siwalu database. The information retrieved is accurate and the necessary pet details are automatically filled in.

For more information on how to use the connector in digital journeys and the API methods, see the following pages:

- [Using the Siwalu Connector in Digital Journeys](#)
- [API Methods](#)

Using Siwalu Connector in Digital Journeys

The Siwalu Connector consists of a digital journey, client side scripts, and three endpoints. Below are the steps used when calling the connector.

1. Before calling the connector, the parameters must be set. The environment settings required for the API search are set through the below variables.

Setting the Parameters Example

- FTOS_EXTD_SIWA_BreedKeys_Endpoint:

```
let baseUrl = getAppSetting("FTOS_EXTD_SIWA_BaseUrl")
let apiKey = getAppSetting("FTOS_EXTD_SIWA_ApiKey")
```

- FTOS_EXTD_SIWA_BreedName_Endpoint:

```
let baseUrl = getAppSetting("FTOS_EXTD_SIWA_BaseUrl")
let apiKey = getAppSetting("FTOS_EXTD_SIWA_ApiKey")
```

- FTOS_EXTD_SIWA_PredictBreed_Endpoint:

```
let baseUrl = getAppSetting("FTOS_EXTD_SIWA_BaseUrl")
const defaultTopK = getAppSetting("FTOS_EXTD_SIWA_TopKDefaultValue")
const defaultConfidence = getAppSetting("FTOS_EXTD_SIWA_ConfidenceDefaultValue")
let apiKey = getAppSetting("FTOS_EXTD_SIWA_ApiKey")
```

2. Use the `ebs.callActionByNameAsync` with `FTOS_EXTD_SIWA_PredictBreed_Endpoint` when searching for certain information in the digital journey.

3. Based on the search options, the endpoint is called and the search data is returned.

Calling from the Digital Journey Frontend Example

```
const searchLookupId = ebs.getFormData().id
let searchObject = {}

let animal = formData.formScope.animal
```

```

let img = formData.model.petImgFile ?
formData.model.petImgFile : ebs.getCurrentEntityData
().petImgFile
let fileName = getRealName(img);

let topK = $('#topK').dxNumberBox('instance').option
('value')
let confidence = $('#minConfidence').dxNumberBox
('instance').option('value')
let fileUrl = ebs.getBaseUrl() +
'/api/FileService/Download?fileName=' + fileName

function getRealName(fileAttr) {
  try {
    let fileArr = JSON.parse(fileAttr);
    console.log ('getRealName:' + fileArr[0].RealName);
    return fileArr[0].RealName;

  } catch (err) {
    console.log(err);
  }
}

searchObject = {
  'animal': animal,
  'top_k': topK,
  'confidence': confidence,
  'fileName': fileName,
  'fileUrl': fileUrl,
  'searchLookupId': searchLookupId,
}

let predictedBreed = []
ebs.showLoadingPanel()

ebs.callActionByNameAsync('FTOS_EXTD_SIWA_PredictBreed_
Endpoint', searchObject)
  .then(function (result) {
    if (!result.IsSuccess) {
      error = result
      console.log(error)
    }
  })
})

```

API Methods

The Siwalu Connector uses API methods to retrieve address data. The methods are detailed below.

SIWALU Keys

This method returns an array of strings where each element is one valid breed key. The call is made using the FTOS_EXTD_SIWA_BreedKeys_Endpoint endpoint.

Call Example

Request:

```
{
  "ApiInfo": {
    "Token": "{{access_token}}"
  },
  "Request": {
    "ActionName": "FTOS_EXTD_SIWA_BreedKeys_Endpoint",
    "Data": "{ \"animal\" : \"horse\" }"
  }
}
```

Response:

```
{
  "UIResult": {
    "NavigateToEntityPage": false,
    "NavigateToEntityPageOnEdit": false,
    "NavigateToEntityFormName": null,
    "NavigateToEntityName": null,
    "NavigateToEntityId": null,
    "NavigateToEntityInsertDefaults": null,
  }
}
```

```
"NavigateToUrl": null,  
"DownloadFile": null,  
"ReloadPage": false,  
"Message": null,  
"IsSuccess": false,
```

```

        "Data": "[\"abaco_
barb\", \"abessinier\", \"aegidienberger\", \"ainos-
wildpferd\", \"akhal-teke\", \"albanian_
horse\", \"altai\", \"alter_real\", \"american_cream_
draft\", \"american_drum_horse\", \"american_indian_
horse\", \"american_miniature_horse\", \"american_paint_
horse\", \"american_quarter_horse\", \"american_
saddlebred\", \"american_walking_pony\", \"american_
warmblood\", \"anadolu\", \"andalusian_horse\", \"andravida_
horse\", \"anglo-arabian\", \"anglo-norman_
horse\", \"appaloosa\", \"appaloosa_sport_
horse\", \"araappaloosa\", \"araber-berber\", \"araber-
haflinger\", \"arabian_
horse\", \"arabofriese\", \"ardennais\", \"arenberg-
nordkirchen\", \"arravani\", \"asturcon\", \"australian_
pony\", \"australian_riding_pony\", \"australian_stock_
horse\", \"australisches_warmblut\", \"austrian_
warmblood\", \"auxois\", \"azteca_horse\", \"baden-
baden\", \"baise_horse\", \"baluchi_horse\", \"banker_
horse\", \"barb_horse\", \"bardigiano\", \"bashkir_
horse\", \"basuto_pony\", \"batak_pony\", \"bavarian_
warmblood\", \"belgian_horse\", \"belgian_riding_
pony\", \"belgian_warmblood\", \"bhutia_horse\", \"black_
forest_horse\", \"boerperd\", \"bosnian_mountain_
horse\", \"boulonnais_horse\", \"brandenburger\", \"breton_
horse\", \"british_spotted_
pony\", \"brumby\", \"buckskin\", \"budyonny_
horse\", \"burguete\", \"byelorussian_harness_
horse\", \"calabrese_horse\", \"camargue_horse\", \"camarillo_
white_horse\", \"campeiro\", \"campolina\", \"canadian_
horse\", \"canadian_sport_horse\", \"canik\", \"carolina_marsh_
tacky\", \"carthusian_horse\", \"caspian_
horse\", \"castillonnais\", \"cayuse_horse\", \"cheju_
pony\", \"chilean_horse\", \"chincoteague_pony\", \"cleveland_
bay\", \"clydesdale_horse\", \"colonial_spanish_
horse\", \"colorado_ranger\", \"comtois_horse\", \"connemara_
pony\", \"corsican_horse\", \"criollo_horse\", \"croatian_
coldblood\", \"cukurova\", \"curly_horse\", \"czech_
warmblood\", \"dales_pony\", \"daliboz\", \"danish_sport_
pony\", \"danish_warmblood\", \"danube_delta_
horse\", \"dartmoor_
pony\", \"davertnickel\", \"deliboz\", \"deutsches_part-bred_

        \", \"dolehest\", \"dombes-

        \", \"dutch_draft\", \"dutch_harness_horse\", \"dutch_

        \", \"edelbluthaflinger\", \"edles_

        \", \"ethiopian_horses\", \"europaisches_appaloosa_

        \", \"finnhorse\", \"fjord_horse\", \"fleuve\", \"florida_

        \", \"freiberger\", \"french_saddle_pony\", \"french_

        \", \"galiceno\", \"galician_

        \", \"genete\", \"german classic pony\", \"german riding
    
```

", \"lipizzan\", \"lithuanian_heavy_
 draught\", \"lokai\", \"losino\", \"lundy_
 pony\", \"lusitano\", \"luxembourg_warmblood\", \"m
 'bayar\", \"malakan\", \"mallorquin\", \"malopolski\", \"mangala
 rga\", \"mangalarga_marchador\", \"maremmano\", \"marwari_
 horse\", \"mecklenburger\", \"medimurje_horse\", \"menorquin_
 horse\", \"merens_horse\", \"messara_horse\", \"miniature_
 horse\", \"misaki-pony\", \"missouri_fox_trotter\", \"miyako_
 horse\", \"mongolian_horse\", \"morab\", \"morgan_
 horse\", \"moyle_
 horse\", \"mule\", \"murgese\", \"mustang\", \"namib_desert_
 horse\", \"nangchen\", \"narragansett_pacer\", \"neapolitan_
 horse\", \"nederlands_mini_paarden\", \"new_forest_
 pony\", \"newfoundland_pony\", \"noma-pony\", \"nonius_
 horse\", \"nooitgedacht_pony\", \"nordlands-
 lyngspferd\", \"norfolk_trotter\", \"noriker\", \"norman_
 cob\", \"north_american_single-footing_horse\", \"north_
 swedish_horse\", \"olandpferd\", \"oldenburg_horse\", \"orlov_
 trotter\", \"orlow-rostopchiner\", \"ostfriesen_and_alt-
 oldenburger\", \"palfrey\", \"palomino\", \"panjepferd\", \"pant
 aneiro\", \"part-arabian\", \"paso_fino\", \"paso_
 iberoamericano\", \"peneia_pony\", \"percheron\", \"peruvian_
 paso\", \"pfalz-ardenner\", \"pindos_
 pony\", \"pintabian\", \"pinto_horse\", \"pleven_
 horse\", \"poitevin_horse\", \"polo_argentino\", \"polo_
 pony\", \"poney_du_logone\", \"pony_of_the_
 americas\", \"posavac\", \"pottok\", \"priob\", \"przewalski's_
 horse\", \"qatgani\", \"quarab\", \"quarter_
 pony\", \"quba\", \"racking_horse\", \"rahvan\", \"retuerta-
 pferd\", \"rhenish_german_coldblood\", \"rhenish_
 warmblood\", \"riwoche_horse\", \"roan\", \"rocky_mountain_
 horse\", \"romanian_sporhorse\", \"rottaler_
 pferd\", \"russian_don\", \"russian_heavy_draft\", \"russian_
 trotter\", \"sable_island_horse\", \"sachsen-anhaltiner_
 warmblut\", \"sachsisch-thuringisches_kaltblut\", \"sachsisch-
 thuringisches_schweres_
 warmblut\", \"salernitano\", \"sanhe\", \"sardinian_anglo-
 arab\", \"scandinavian_coldblood_trotter\", \"schleswig_
 coldblood\", \"schweden-ardenner\", \"sella_
 italiano\", \"selle_francais\", \"senner\", \"shagya_
 arabian\", \"shetland_pony\", \"shetland_pony#the_american_
 shetland\", \"shire_horse\", \"silesian_horse\", \"skyros_
 pony\", \"slowakisches_warmblut\", \"sokolski_
 horse\", \"somali_pony\", \"sorraia\", \"south_german_
 coldblood\", \"soviet_heavy_draft\", \"spanish-norman_
 horse\", \"spanish_barb\", \"spanish_mustang\", \"spotted_
 saddle_horse\", \"standardbred\", \"sudan_country-
 bred\", \"suffolk_punch\", \"sumbawa_pony\", \"swedish_

\"tarpan\", \"tawleed\", \"tennessee_walking_

\"thoroughbred\", \"tiger_horse\", \"timor_

\"trakehner\", \"trotter\", \"tschernomor-

\"uzunyayla\", \"vlaamperd\", \"vladimir_heavy_

\"walkaloosa\", \"warlander\", \"welara\", \"welsh

```

",\"vyatka_horse\", \"waler_
horse\", \"walkaloosa\", \"warlander\", \"welara\", \"welsh_
pony_and_cob\", \"western_sudan_pony\", \"westphalian_
horse\"
\", \"
wielkopolski\"
\", \"wjatka\", \"woronesch\", \"wurttemberger\", \"xilingol_
horse\", \"yakutian_horse\", \"yili_horse\", \"yonaguni-
pony\"
\", \"
zangersheide\"
\", \"zaniskari\", \"zemaitukas\", \"zweibrucker\"]\",
    \"NavigateToPageNo\": null
  },
  \"Message\": null,
  \"IsSuccess\": true,
  \"ClientScript\": null,
  \"Serialized\": null,
  \"ErrorCode\": 0
}

```

SIWALU Name

This method returns fetch human-readable and localized breed names. The call is made using the FTOS_EXTD_SIWA_BreedName_Endpoint.

Call Example

Request:

```

{
  \"ApiInfo\": {
    \"Token\": \"{{access_token}}\"
  },
  \"Request\": {
    \"ActionName\": \"FTOS_EXTD_SIWA_BreedName_Endpoint\",

```



```

      "Data": "{ animal: \"cat\", breed_key:
\"ragdoll\" , lang: \"en\" }"
    }
  }

```

Response:

```

{
  "UIResult": {
    "NavigateToEntityPage": false,
    "NavigateToEntityPageOnEdit": false,
    "NavigateToEntityFormName": null,
    "NavigateToEntityName": null,
    "NavigateToEntityId": null,
    "NavigateToEntityInsertDefaults": null,
    "NavigateToUrl": null,
    "DownloadFile": null,
    "ReloadPage": false,
    "Message": null,
    "IsSuccess": false,
    "Data": "[\"Ragdoll\"]",
    "NavigateToPageNo": null
  },
  "Message": null,
  "IsSuccess": true,
  "ClientScript": null,
  "Serialized": null,
  "ErrorCode": 0
}

```

SIWALU Predict Breed

This is used to predict the breed of the animal from the image sent. The call is made using the FTOS_EXTD_SIWA_PredictBreed_Endpoint.

Call Example

Request:

```
{
```

```

    "ApiInfo": {
      "Token": "{{access_token}}"
    },
    "Request": {
      "ActionName": "FTOS_EXTD_SIWA_PredictBreed_
Endpoint",
      "Data": "{ animal: \"cat\", fileName:\"photo from
uploadEBS\" }"
    }
  }
}

```

Response:

```

{
  "UIResult": {
    "NavigateToEntityPage": false,
    "NavigateToEntityPageOnEdit": false,
    "NavigateToEntityFormName": null,
    "NavigateToEntityName": null,
    "NavigateToEntityId": null,
    "NavigateToEntityInsertDefaults": null,
    "NavigateToUrl": null,
    "DownloadFile": null,
    "ReloadPage": false,
    "Message": "We couldn't identify breed with
confidence score bigger than 95%. The biggest confidence
score is 59.57%",
    "IsSuccess": false,
  }
}

```

```

        "Data": "{ \"FullResponse\": { \"request_id\": \"2021-10-31_12-31-36_Iod-9337470\", \"result\": { \"closed_world\": { \"recognitions\": [ { \"breed_key\": \"sokoke\", \"confidence\": 0.59569710493087769 }, { \"breed_key\": \"abyssinian_cat\", \"confidence\": 0.16496601700782776 } ] }, \"open_world\": { \"recognitions\": [ { \"breed_key\": \"cat\", \"confidence\": 0.999998927116394 }, { \"breed_key\": \"nothing\", \"confidence\": 1.0292094430042198E-06 }, { \"breed_key\": \"human_being\", \"confidence\": 3.6004330183914135E-08 }, { \"breed_key\": \"dog\", \"confidence\": 1.1739211380756842E-08 }, { \"breed_key\": \"nothing\", \"confidence\": 5.3193038862531239E-10 } ] } } }, \"MatchedBreed\": [ { \"breed\": \"sokoke\", \"confidence\": 59.569710493087769, \"resultedAnimal\": \"cat\", \"resultedAnimalConfidence\": 0.999998927116394 }, { \"breed\": \"abyssinian_cat\", \"confidence\": 16.496601700782776, \"resultedAnimal\": \"cat\", \"resultedAnimalConfidence\": 0.999998927116394 } ], \"BreedName\": \"Sokoke\" },
        \"NavigateToPageNo\": null
    },
    \"Message\": null,
    \"IsSuccess\": true,
    \"ClientScript\": null,
    \"Serialized\": null,
    \"ErrorCode\": 0
}

```