IMAGE ANALYSIS

To perform Image Analysis Functionality for Applications, follow the procedure as mentioned below:

Training:

To train your application, split/break your application into happy and failure scenarios/flow or smaller modules.

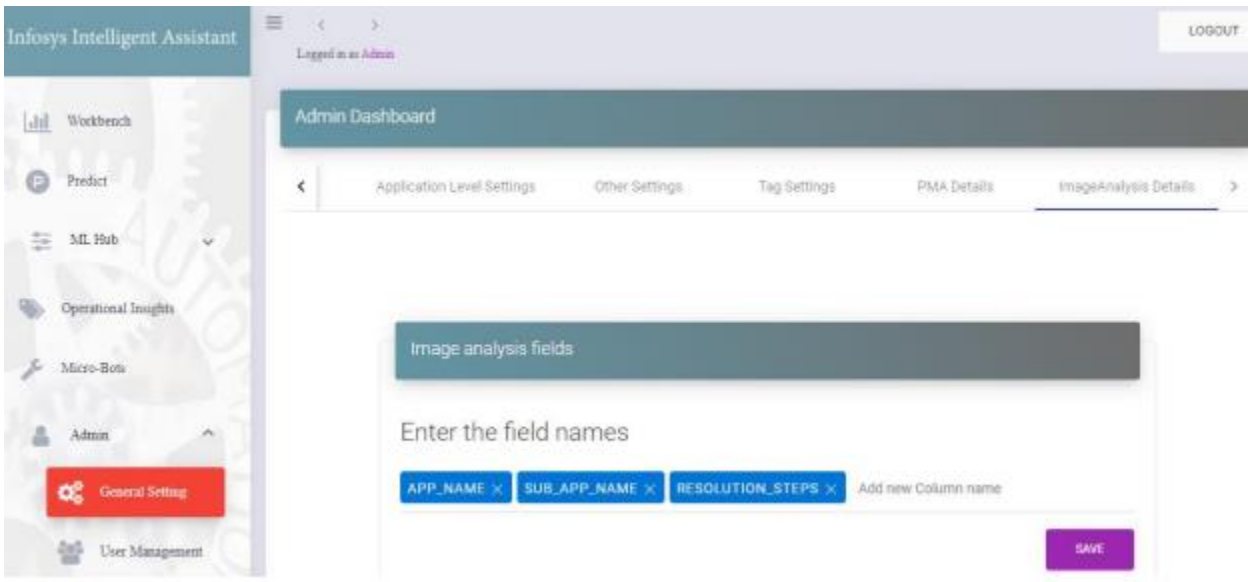
for example:

1) If you are doing banking transaction we can split into login page, overview page, transfer fund page, transaction page, success page.

Once you split the application into smaller modules, based on your application you need to customize the input fields for training the images.

To add custom fields, go to IIA->Admin->General Settings->ImageAnalysisDetails then type your custom field name and press enter, the custom field name will get highlighted in blue color as shown below, we can add up to 5 custom fields.

On click of Save, the custom fields will get saved.



Once custom fields are added for the application then will start the training for the corresponding application images, to do that open IIA -> ML Hub -> Image Analysis -> New Application

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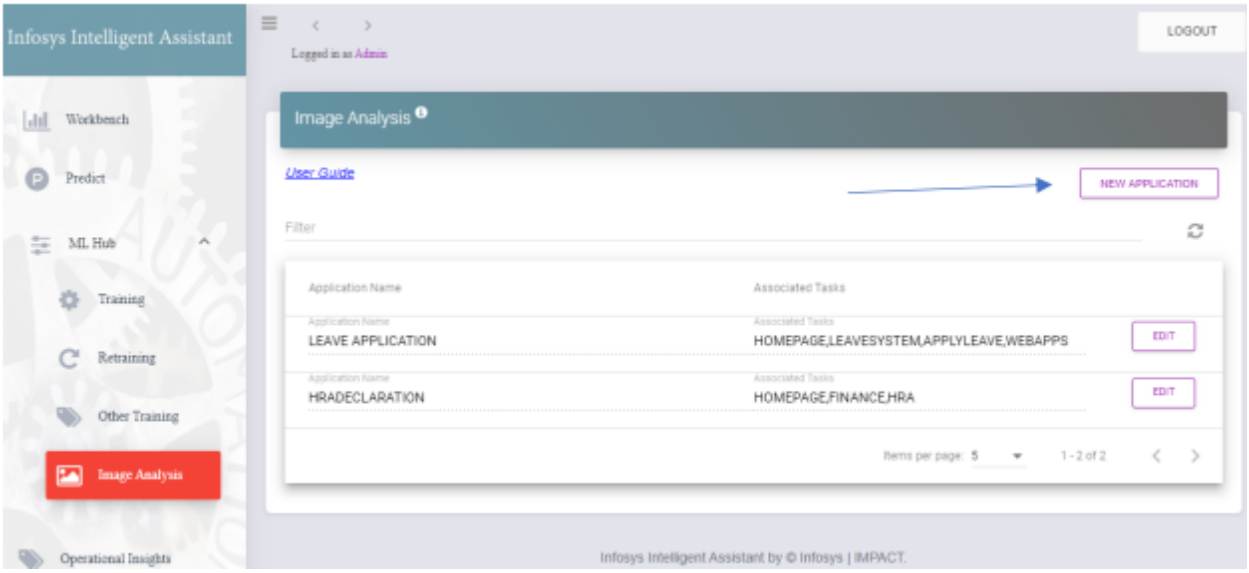
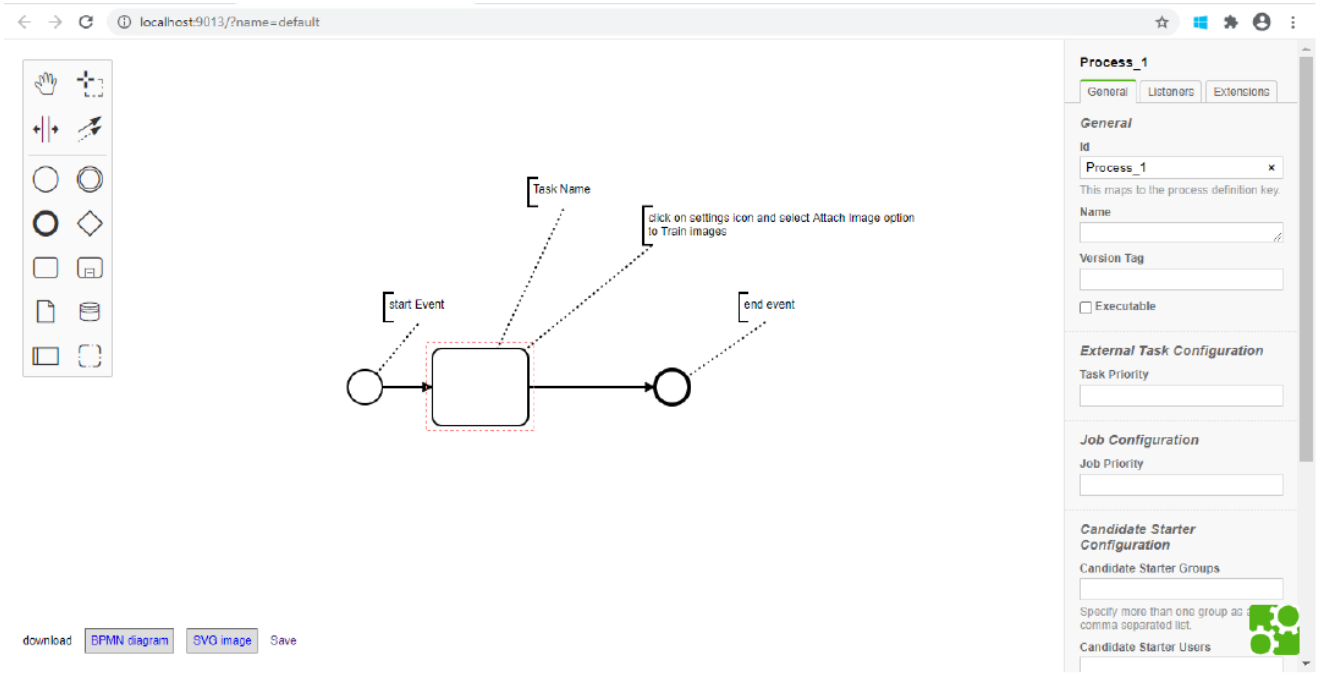


On click of new application BPMN editor will gets open with one default basic flow as below:



As part of this Image Analysis, we have below Parameters as Mandatory to be filled in the form.

1.ProcessName - process name is the application/workflow name which you are going to train.

2.TaskName – task names are individual steps in the Application.

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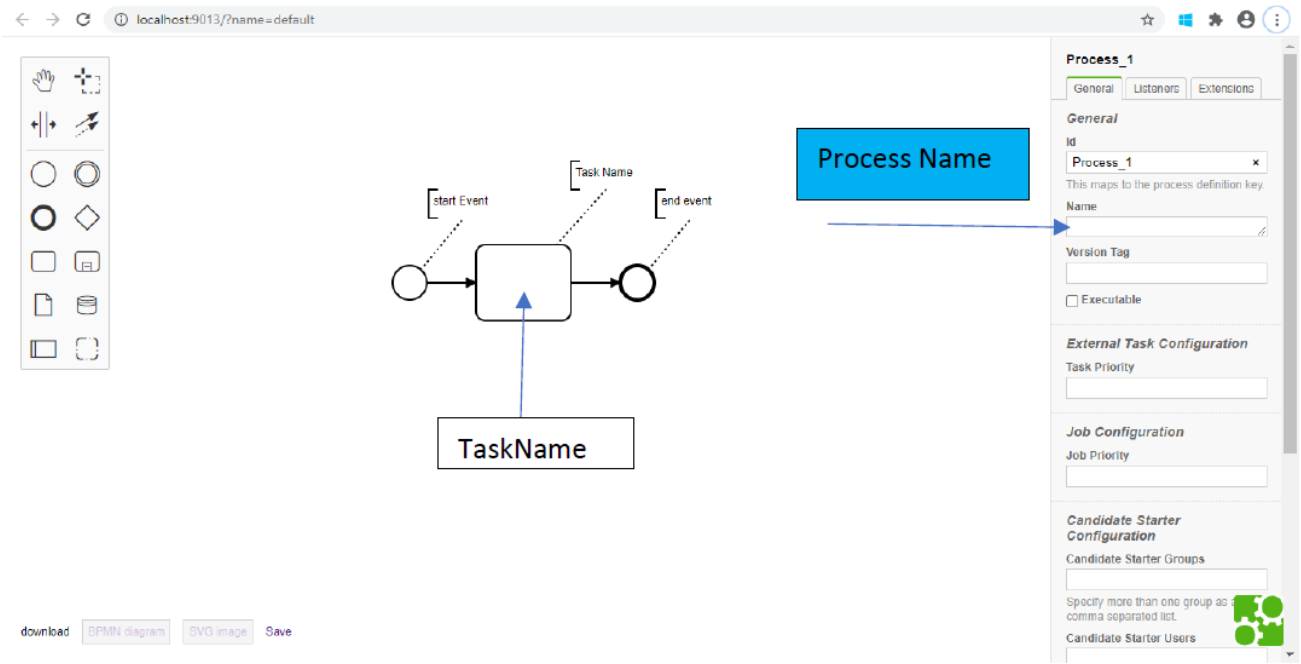
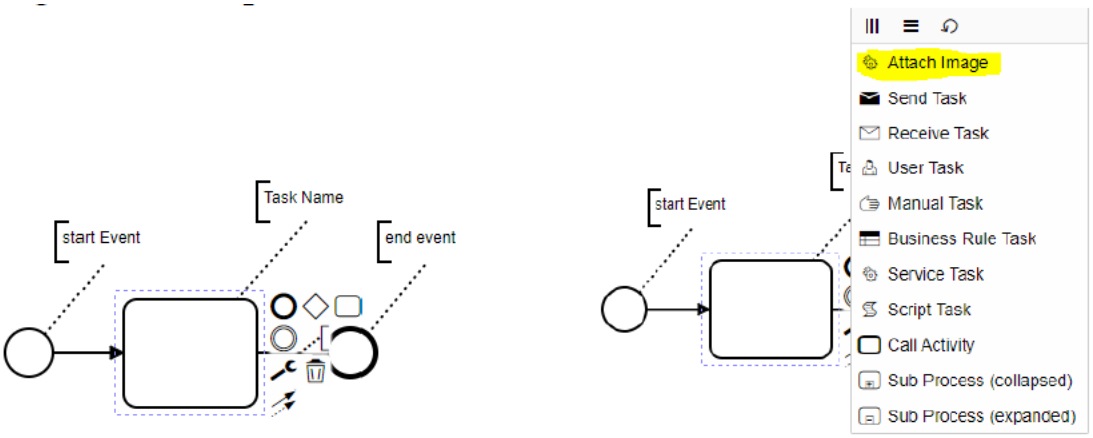


Click on Task Box and after that click on “Change Type” will open a pop up having different option as below:



After clicking the Attach Image option, below screen gets displayed:

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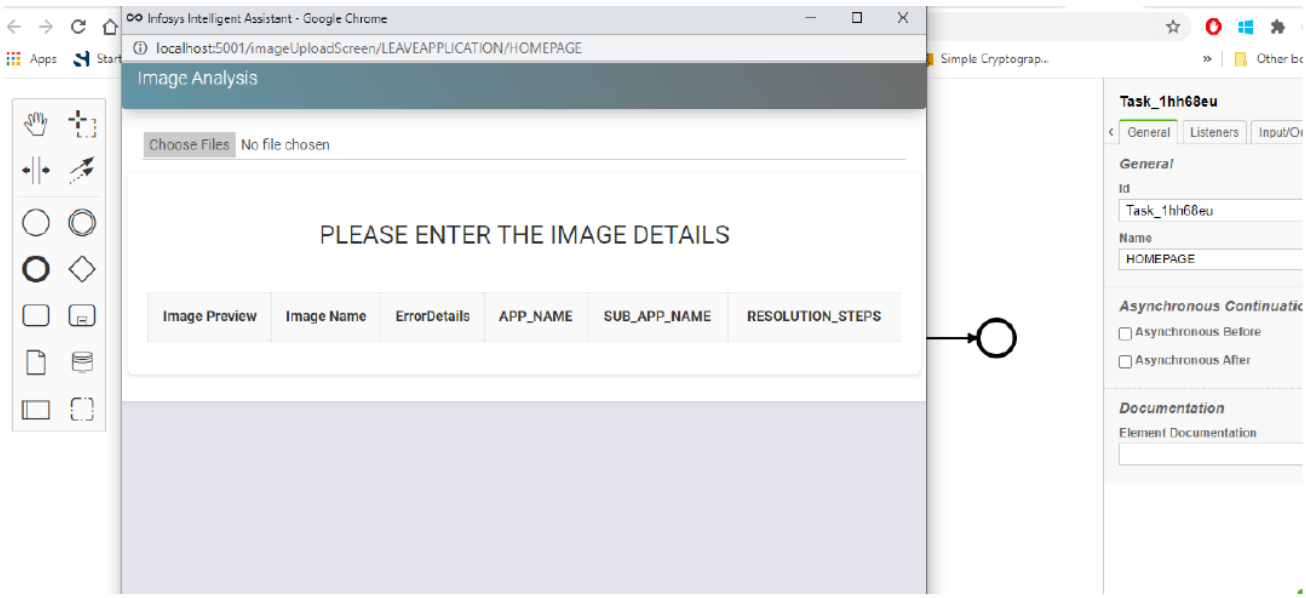


You can see the custom fields which ever you added in the admin screen previously, click on “Choose Files” to select single or multiple images, once images are selected the field values can be added for those corresponding images as below:

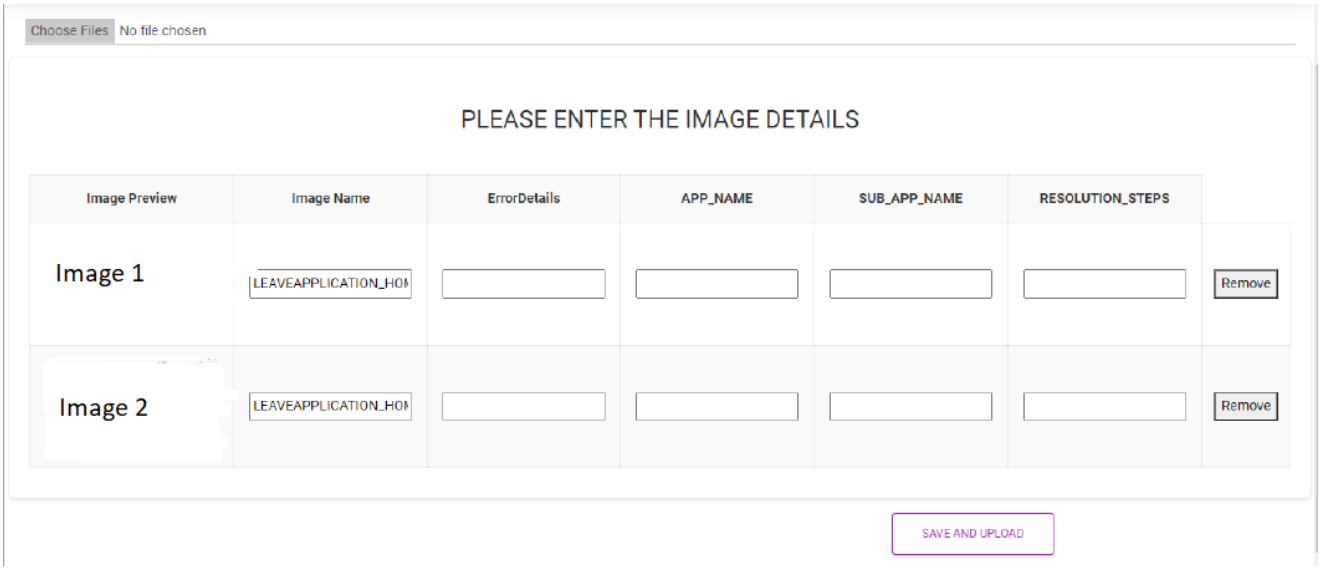
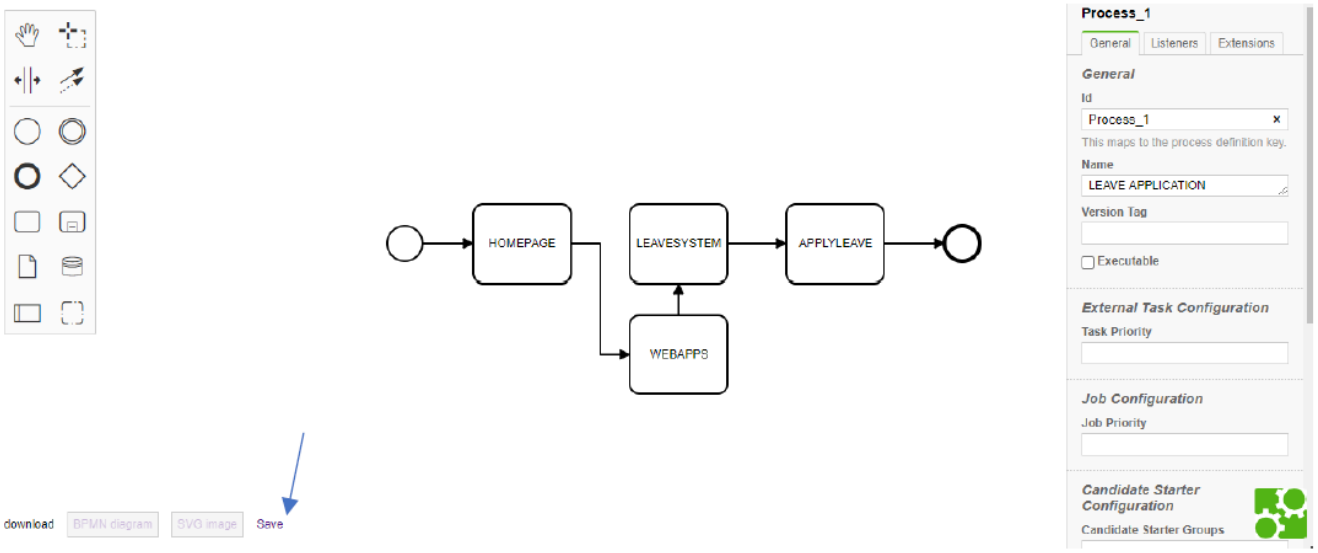


Image Name will gets auto populated and other details is not mandatory, if needed add the essential details and click on “Save and Upload”.

As shown below we had done it for Leave application, same way the tasks and images can be added for the corresponding application which is created.

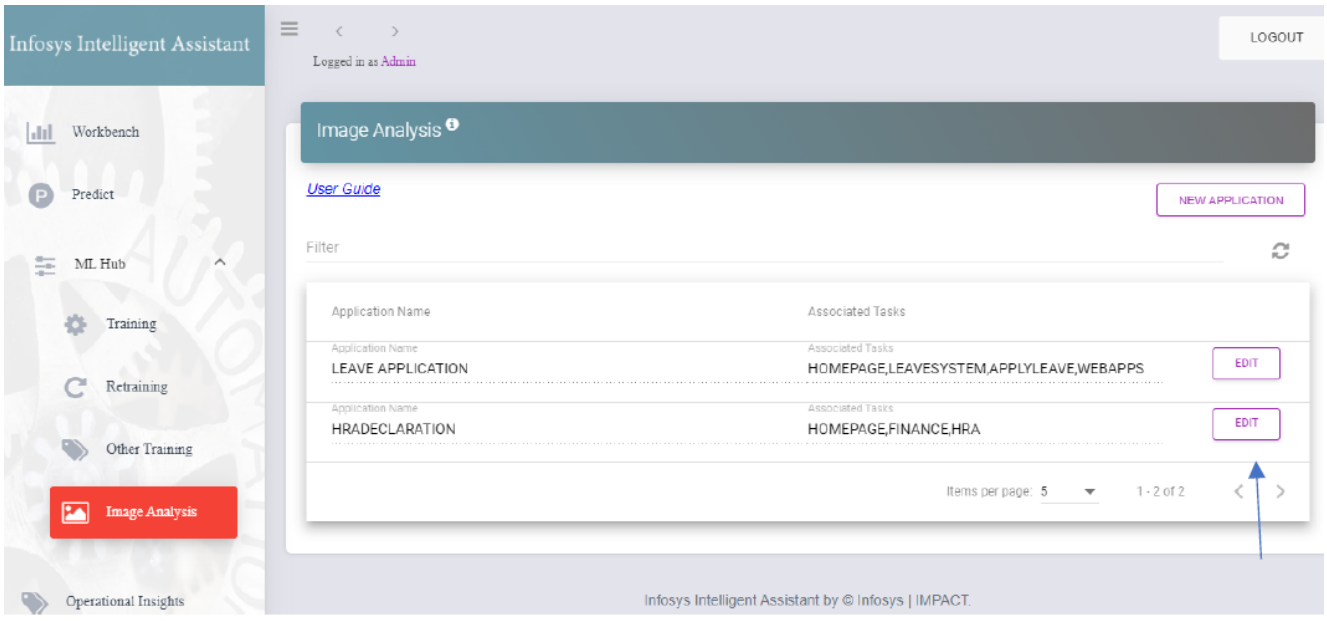
IMAGE ANALYSIS



After the flow completed, click on “Save” button to save the Application flow

The saved applications will be displayed in “Image Analysis” Screen for further modification or if any training is required.

If you want to edit the application which is created and saved, click on the “EDIT” button as below.



This will open the application flow which is saved already to modify/update on it.

For example, after clicking on EDIT button for HRA DECLARATION, we got below Application flow where we can Train images and add multiple flows to this existing Application.

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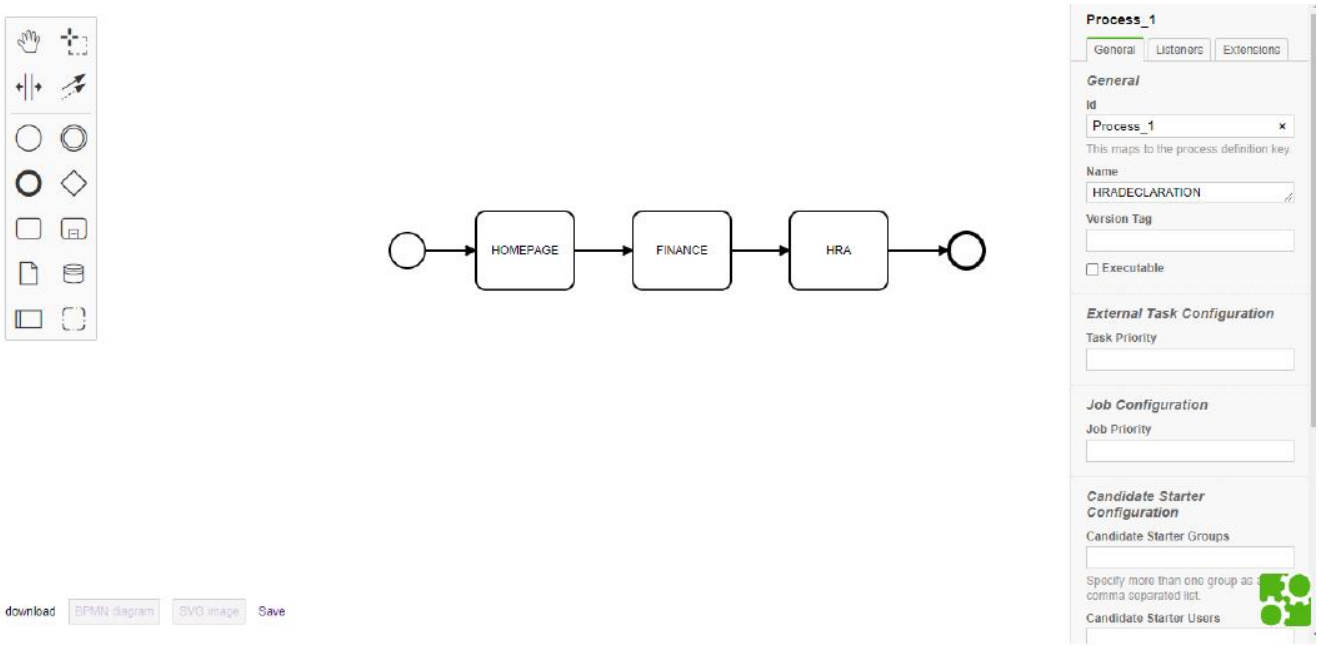
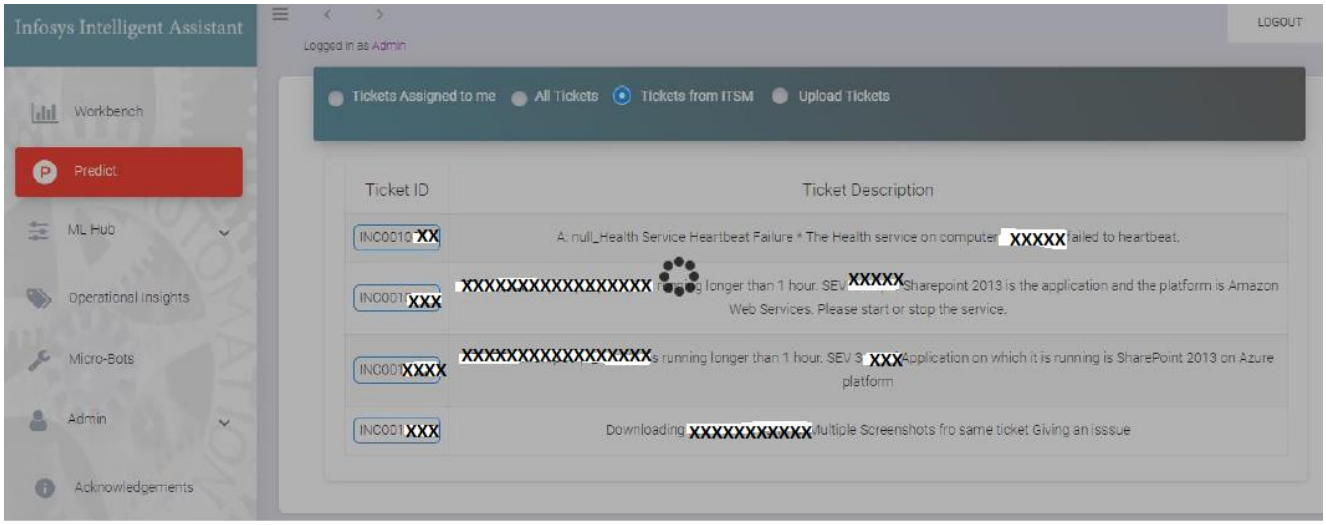


Predict:

To predict IIA->Predict->Tickets from ITSM will fetch the tickets from ITSM for prediction as below:



After it fetches all the tickets, click on the ticket to perform the image analysis and gives the corresponding feature.

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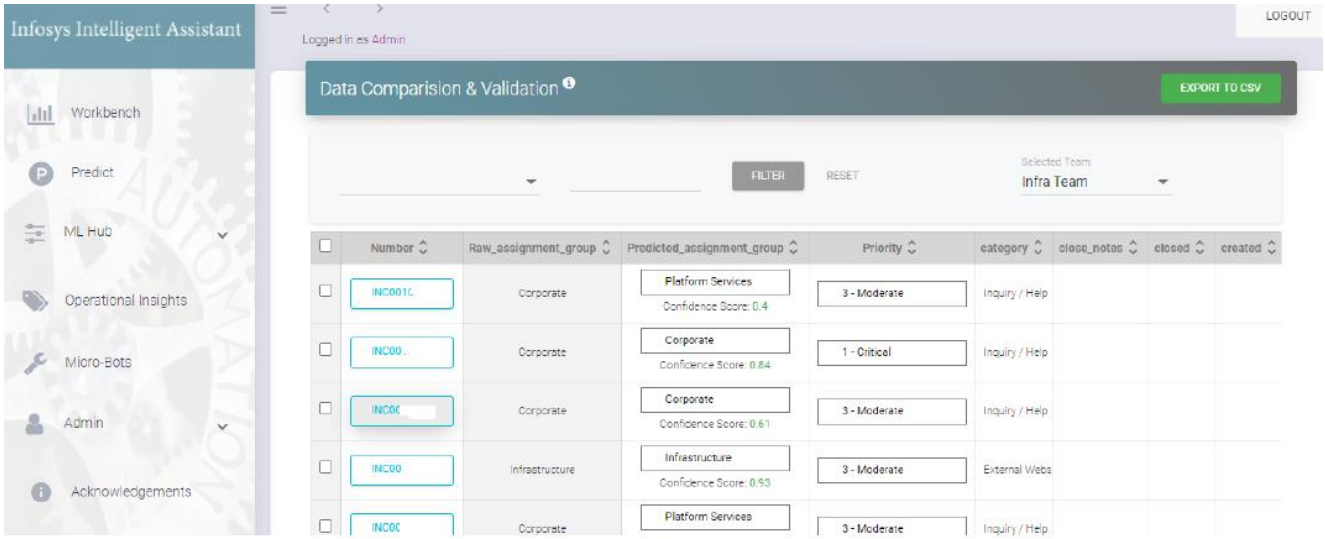
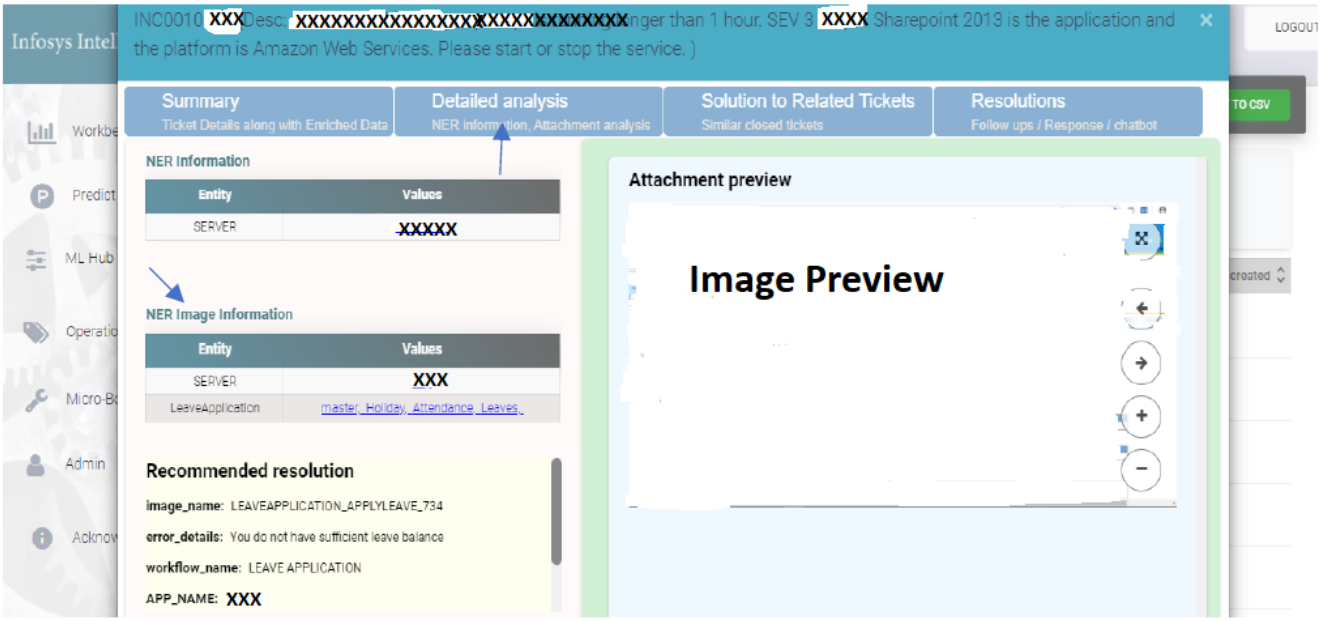


Onclick of incident select “Detailed analysis” as below:



This will give image NER entities, based on the User Selection in admin screen as below.

IIA>Admin>General Setting>Applictation Level Settings

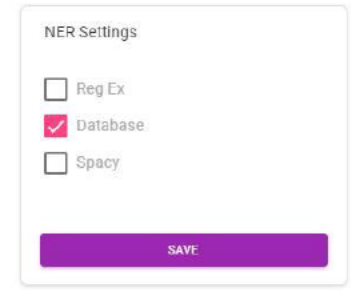
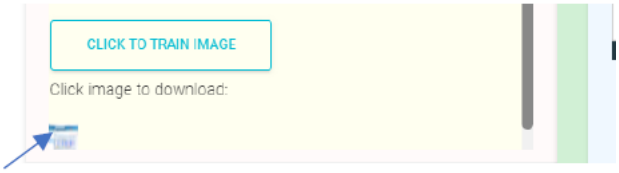


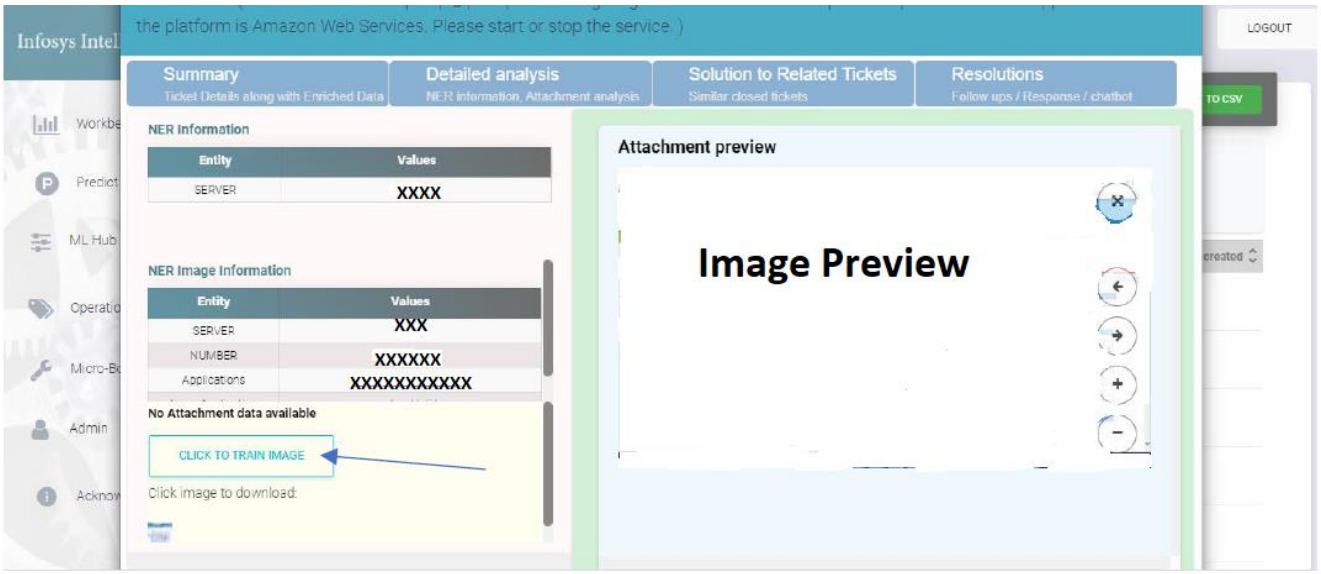
IMAGE ANALYSIS

In “Attachment Preview” there is forward (->) button to move for the next image and backward (<-) button to go previous image.

If the image doesn’t give any Recommended resolution it enables the option/button to train the image, first we need to download the image by click on image download icon as below.



Once image has been downloaded click on “Click To Train Image” this will redirect to “Image Analysis” page.



Click on “New application” or select existing application workflow and click on “Edit” to train the image and the further steps will be same as above.