

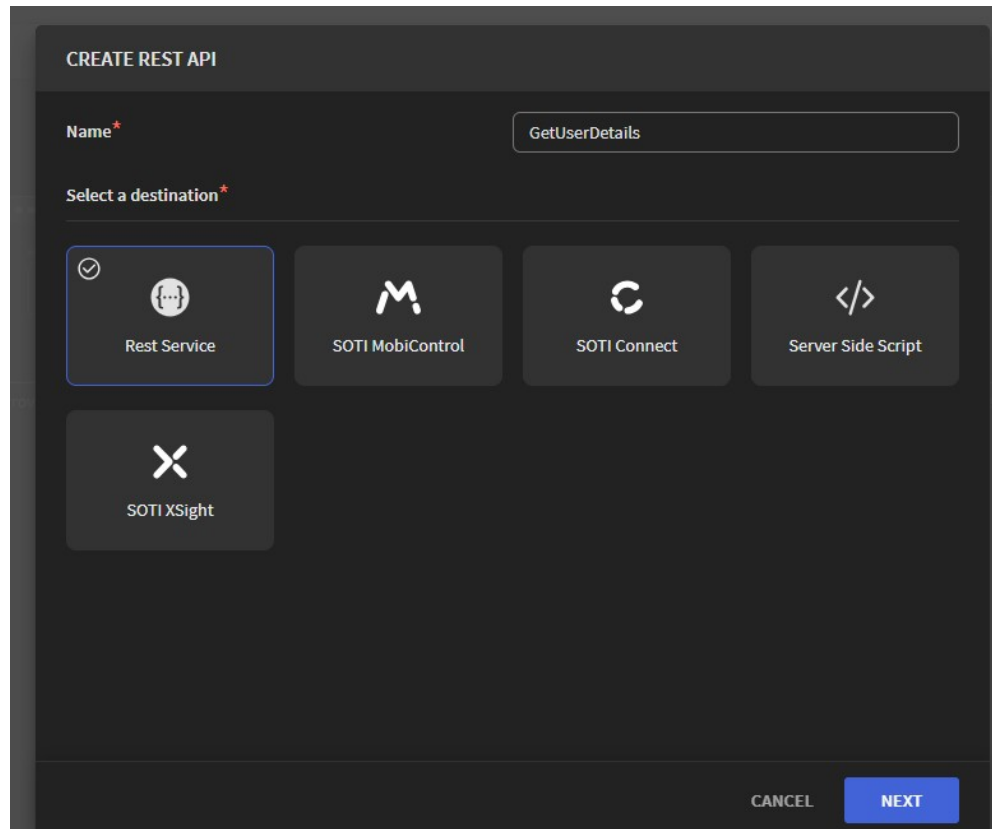
Help Guide – Lead Capture App

(App token - 15fd96dd-1a55-5743-c29e-064f46771155)

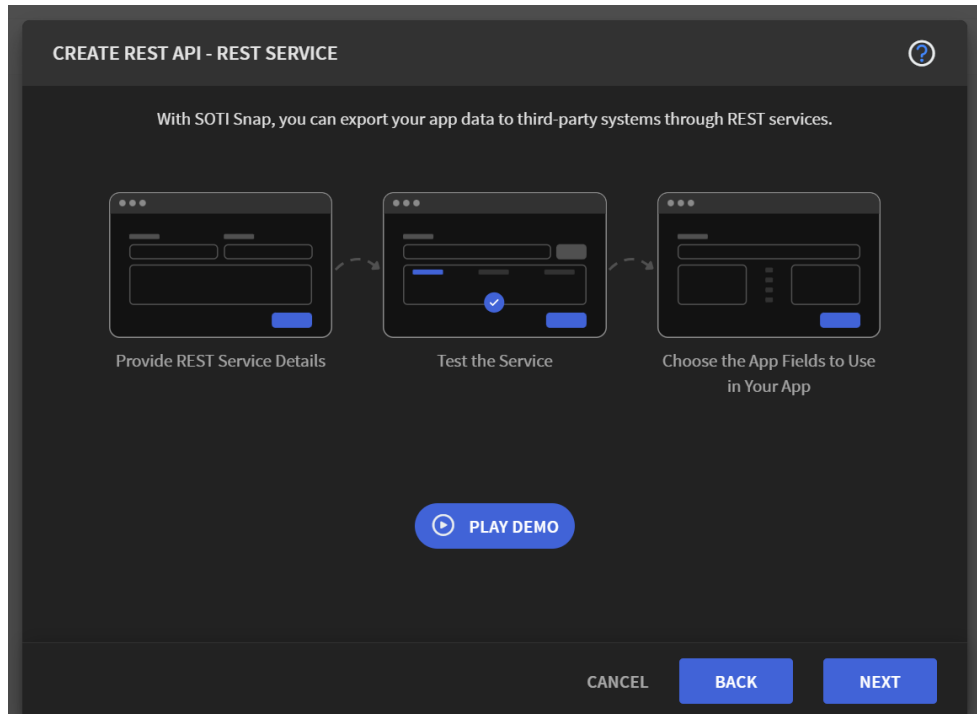
Prerequisite:

A snap app with a barcode widget and a global variable 'barcode' to store the scanned value

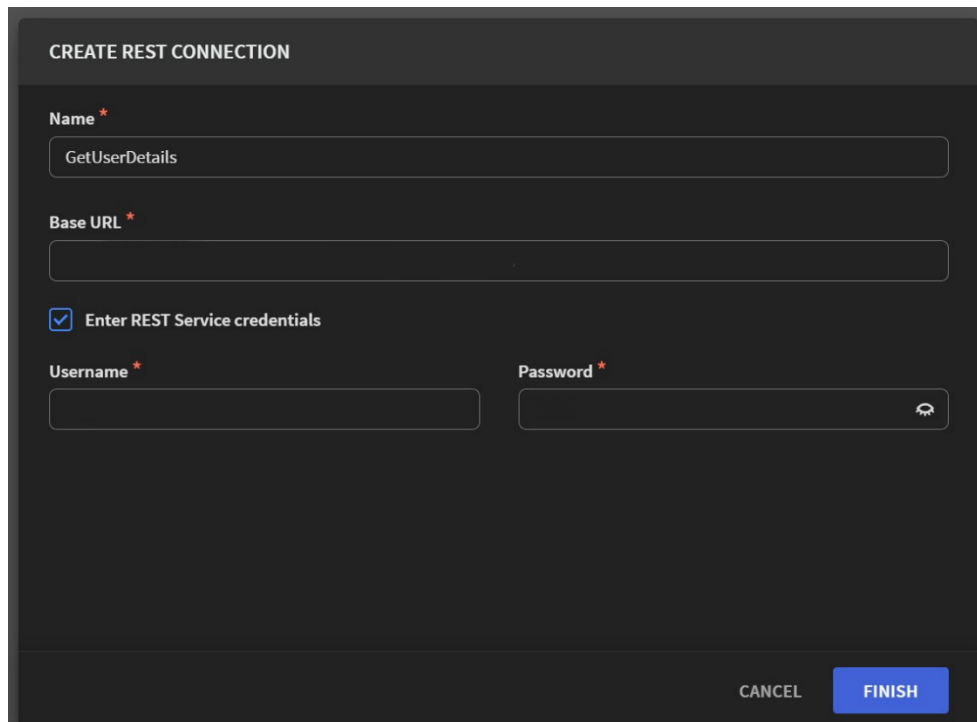
- **Creating a Data connection – REST API**
 1. Click on Data Connection Rules
 2. Select Rest API tab and click on 'NEW REST API RULE'



3. Enter a name like GetUserDetails and select Rest Service and click NEXT

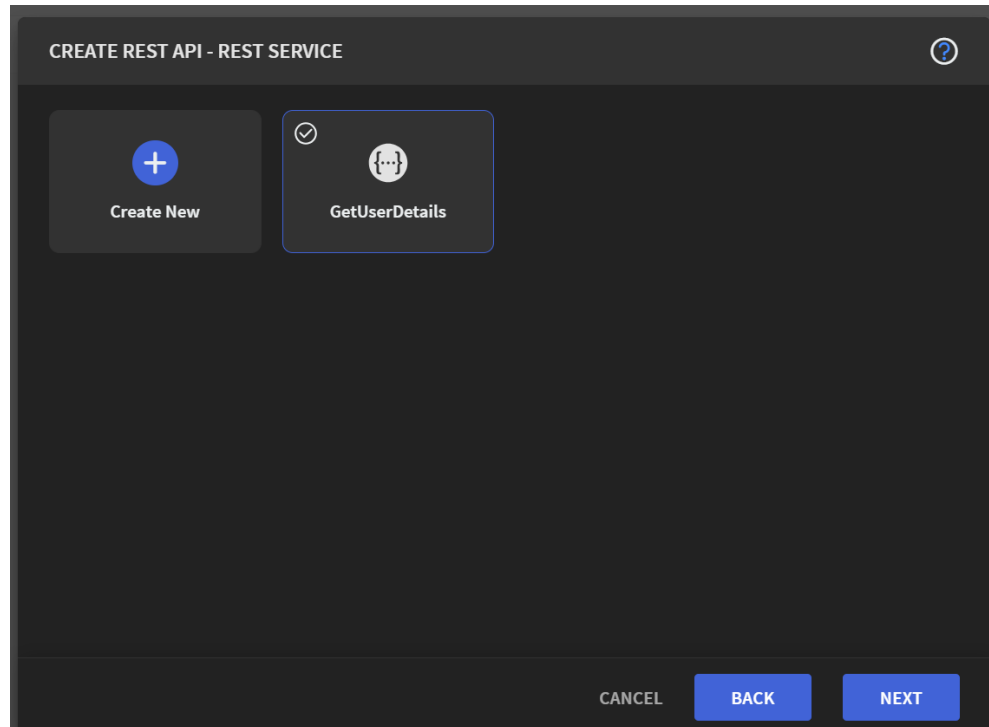


4. Click on PLAY DEMO to watch a video on how to receive data from a rest service to a snap app. Click Next once done

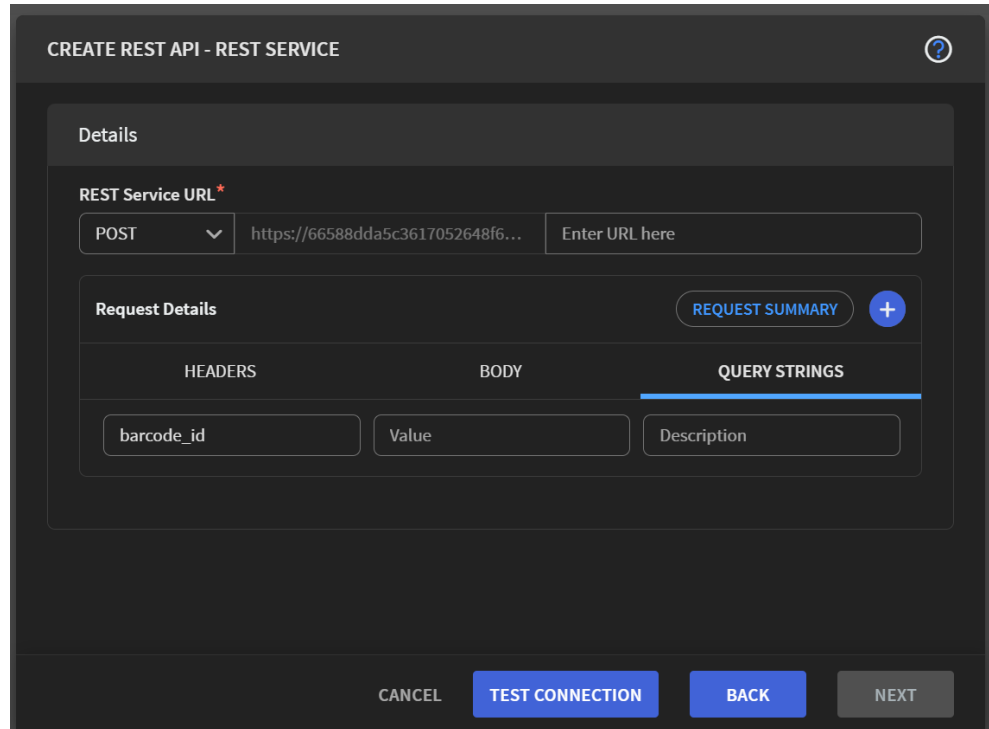


5. Add a Name like GetUserDetails and enter a Base URL for your Rest service connection, check 'Enter REST Service credentials' and enter your username

and password and click 'FINISH'



6. A new card "GetUserDetails" will be created that you can Edit or Delete using the 3-dot menu. Click NEXT



7. Select Get method, in Request Details select QUERY STRING and enter Key as barcode_id once done click TEST CONNECTION

CREATE REST API - REST SERVICE

Details

REST Service URL*

GET Enter URL here

Request Details REQUEST SUMMARY +

HEADERS BODY QUERY STRINGS

Key	Value	Description
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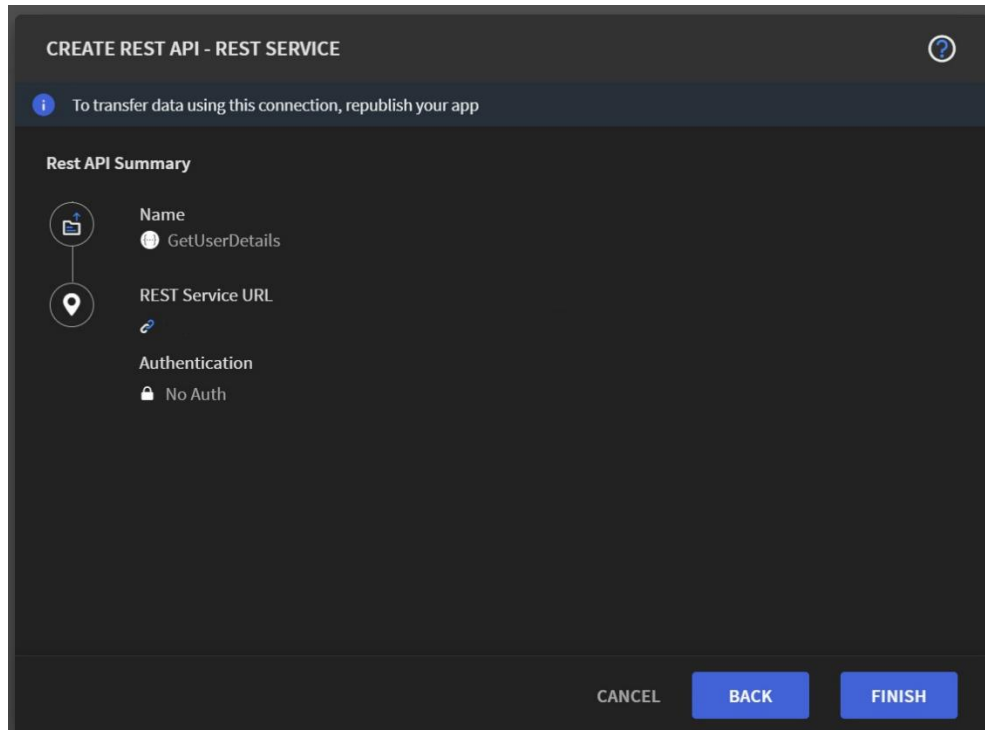
Response Details RESPONSE SUMMARY

FIELDS RECEIVED BODY HEADERS

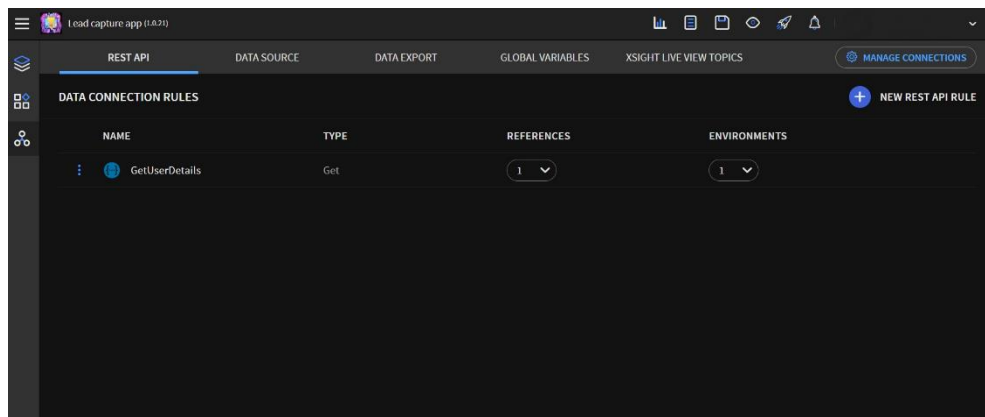
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[
  {
    "firstName": "Edgar",
    "lastName": "Whitman",
  }
]
```

CANCEL TEST CONNECTION BACK NEXT

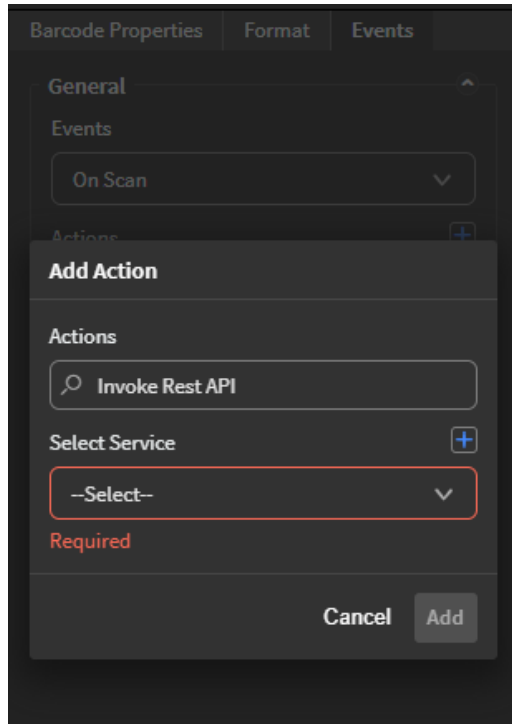
- You will receive response details from the API, click 'FIELDS RECEIVED' a list of fields available in the API will be displayed. Click on 'BODY' to view all the information in JSON format. Click on 'HEADERS' to view information about authorization, and status of the API request and response. Click NEXT



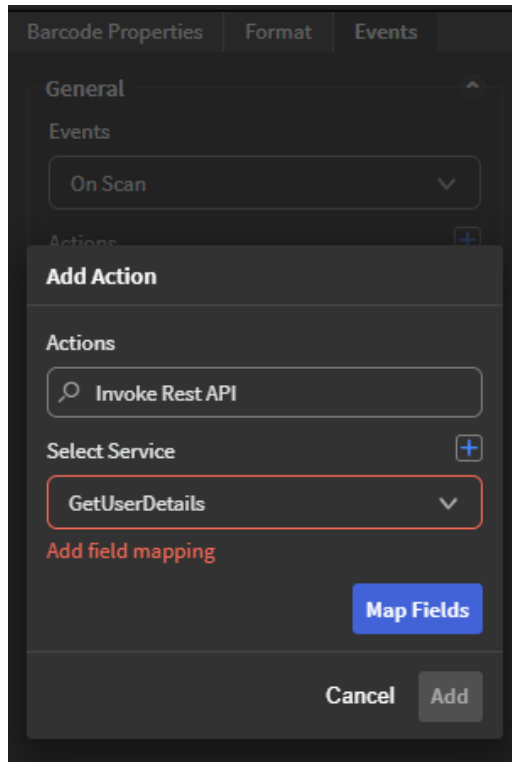
9. Rest API Summary is displayed, you can review it and go Back and edit it. Click Finish



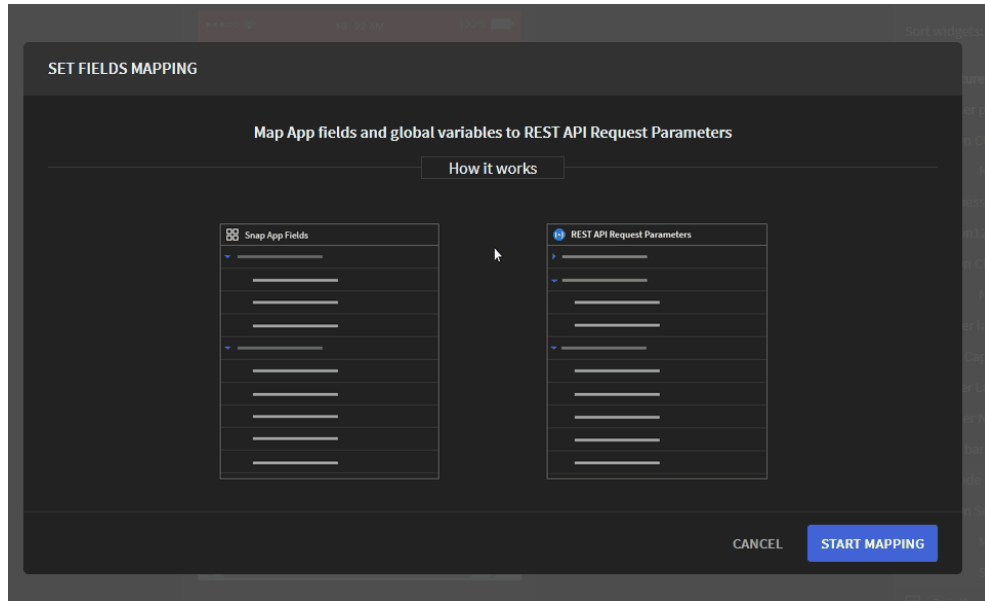
10. A new Rest API rule “GetUserDetails” is created
11. Now return to the app by clicking on the project tab
12. Click on ‘Scan barcode’ and on the right side where it shows properties, click Events



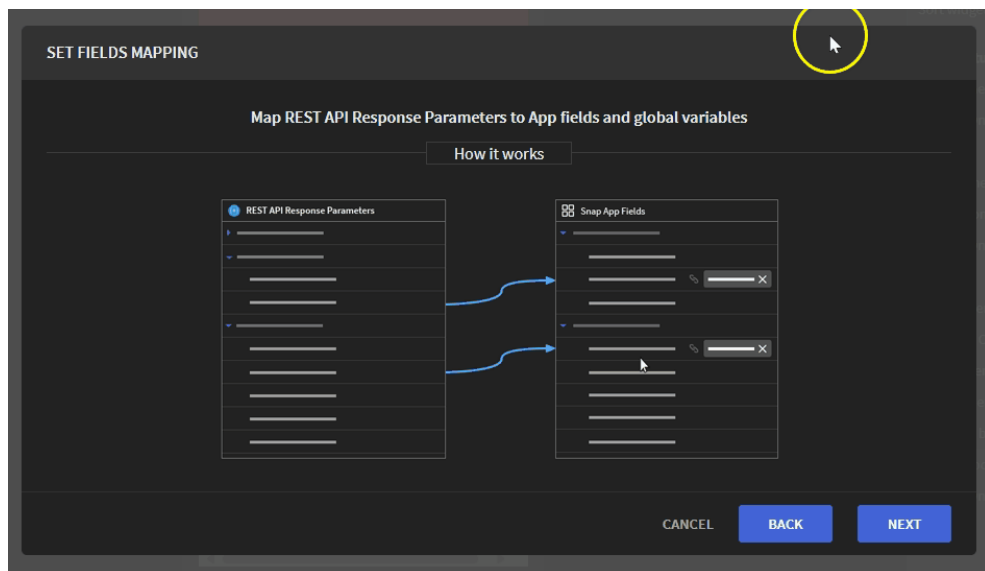
13. On event 'On Scan' click on '+' icon besides Action to add 'Invoke Rest API' action



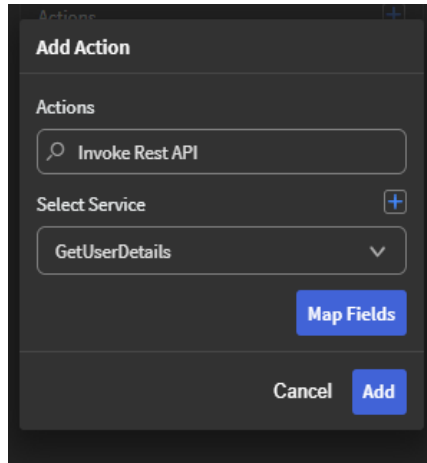
14. Select the Rest API service 'GetUserDetails' and click on 'Map Fields'



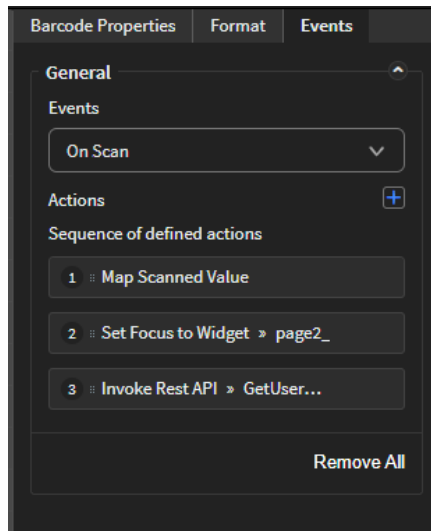
15. A new screen 'Set Field Mapping' is available, information on how it works is displayed. Click 'START MAPPING.' A list of SOTI SNAP App fields is displayed on the left and REST API Request Parameters are displayed on the right. Let us map the global variable 'barcode' to 'barcode_id' in QueryString. Click Next



16. How field mapping works is displayed. Click 'NEXT.' A dropdown with REST API Response Parameters is displayed on the left and SOTI SNAP App fields are displayed on the right. Now map the API response parameters to the corresponding SOTI Snap App fields by dragging the response data over to the right and place them beside the value field. Click Finish



17. Now click 'Add'



18. A new Action 'Invoke Rest API' is added to events

19. Now you can publish the app on an Agent device and scan any of the following barcodes. Once you scan the barcode, all app fields that were mapped to the REST API response fields should be auto populated.



Edgar Whitman
Sales Engineer



Thomas Smith
Graphic Designer

