**Steps for Signnow API integration :**

**Step 1. Token generation**

**Requirements for token generation :**

Token URL: **"https://api-eval.signnow.com/oauth2/token"**

Koizai Endpoint : localhost:8888/api/v1/au/signnow/token

**Step 2: Upload File**

Upload document URL : https://api-eval.signnow.com/document

Koizai Endpoint : localhost:8888/api/v1/au/signnow/upload

Request Body

{

"filePath":"D://",

"fileName":"filename.pdf"

}

**Response : {**document\_id}

**Step 3: Invite to sign**

**3.1 Freeform Invite**

Invite URL: [https://api-eval.signnow.com/document/{document\_id}/invite](https://api-eval.signnow.com/document/%7bdocument_id%7d/invite)

Koizai Endpoint : localhost:8888/api/v1/au/signnow/invite/{document\_id}

Request Body :

{

"from":"example1@gmail.com",

"to":"example2@gmail.com"

}

**Response :**

**3.2 Field Invite**

**Step 4: Assign Field Data**

Edit Document URL : [https://api-eval.signnow.com/document/{document\_id}](https://api-eval.signnow.com/document/%7bdocument_id%7d)

Koizai Endpoint : localhost:8888/api/v1/au/signnow/invite/{document\_id}

Request Body :

{

  "fields": [

    {

      "x": 500,

      "y": 500,

      "width": 177,

      "height": 50,

      "type": "signature",

      "page\_number": 0,

      "required": **true**,

      "role": "Signer 1",

      "custom\_defined\_option": **false**,

      "name": "signature1",

    "validator\_id": "824085fd04ce63b670b11b2e83457d59ac796a39"

    },

     {

"page\_number": 0,

"type": "attachment",

"name": "AttachmentName",

"role": "Signer 1",

"label": "AttachmentLabel",

"required": **true**,

"height": 40,

"width": 35,

"x": 70,

"y": 350

}

  ],

  "elements": [],

  "client\_timestamp": "timestamp"

}

**Step 5: Get Document Information**

GET Document URL : [https://api-eval.signnow.com/document/{document\_id}](https://api-eval.signnow.com/document/%7bdocument_id%7d)

Koizai Endpoint : localhost:8888/api/v1/au/signnow/documentinfo /{document\_id}

**Step 6 : Field Invite (Continue)**

Field Invite url : https://api-eval.signnow.com/document/{document\_id}

Koizai Endpoint : localhost:8888/api/v1/au/signnow/fieldinvite/{document\_id}

Request Body :

{

  "document\_id": "xxxxxxxxxxxxxxxxxxxxxxxxxx",

  "to": [

    {

      "email": "example@gmail.com",

      "role\_id": "xxxxxxxxxxxxxxxxxxxxxxxxxx",

      "role": "Signer 1",

      "order": 1,

      "prefill\_signature\_name": "Signer 1",

      "force\_new\_signature": 1,

      "reassign": "0",

      "decline\_by\_signature": "0",

      "reminder": 0,

      "expiration\_days": 30,

      "authentication\_type": "password",

      "password": "123456",

      "subject": "You’ve got a new signature request",

      "message": "Hi, this is an invite to sign a document from sender@domain.com”

    }

  ],

  "from": "example@gmail.com",

  "cc": [

    "example@gmail.com"

  ],

  "cc\_step": [ {

      "name": "CC 1",

      "email": "example@gmail.com",

      "step": 1

    }  ],

  "viewers": [ {

      "email": "example@gmail.com",

      "role": "Viewer 1",

      "order": 1  } ],

  "subject": "example@gmail.com needs your signature",

  "message": "example@gmail.com invited you to sign the Invoice document",

  "cc\_subject": "cc Invoice request",

  "cc\_message": "cc Invoice request for Signer 1"

}

**role\_id,attachment\_id,checkbox\_id etc are unique id of role,attachment,checkbox field get from document information response.**

**Step 7: Group Invite**

**7.1. Create Document Group**

Create Document Group url : <https://api-eval.signnow.com/documentgroup>

Koizai Endpoint : localhost:8888/api/v1/au/signnow/creategroup

Request Body :

{

 "document\_ids": [

    "xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx",

    "xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx"

  ],

  "group\_name": "document group name"

}

**Response** : Document group id {document\_group\_id}

**7.2. Group Document Invite**

Group Invite URL :

https://api-eval.signnow.com/documentgroup/{document\_group\_id}/groupinvite

Koizai Endpoint : localhost:8888/api/v1/au/signnow/invitegroup/{document\_group\_id}

**Request Body :**

{

  "invite\_steps": [

    {

      "order": 1,

      "invite\_emails": [

        {

          "email": "example1@gmail.com",

          "subject": "Signer 1",

          "expiration\_days": 30

        }

      ],

      "invite\_actions": [

        {

          "email": " example1@gmail.com",

          "role\_name": "Signer 1",

          "action": "sign",

          "document\_id": "xxxxxxxxxxxxxxxxxxxxxxxxxxx",

          "allow\_reassign": "0",

          "decline\_by\_signature": "0"

        }

      ]

    },

    {

      "order": 2,

      "invite\_emails": [

        {

          "email": " example2@gmail.com",

          "subject": "Signer 2",

          "message": "custom message",

          "expiration\_days": 30

        }

      ],

      "invite\_actions": [

        {

          "email": " example2@gmail.com",

          "role\_name": "Signer 2",

          "action": "sign",

          "document\_id": "xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx",

          "allow\_reassign": "0",

          "decline\_by\_signature": "0"

        }

      ]

    }

  ],

  "completion\_emails": [],

  "sign\_as\_merged": **true**,

  "cc": [

    " example@gmail.com"

  ],

  "cc\_subject": "Subject",

  "cc\_message": "Message"

}

{document\_group\_id} is response of **Create Document Group.**

**8 Download Document**

**8.1 Download Document**

Download url : [https://api-eval.signnow.com/document/{document\_id}/download](https://api-eval.signnow.com/document/%7bdocument_id%7d/download)

Koizai Endpoint : localhost:8888/api/v1/au/signnow/download/{document\_id}

**Request Body :**

{

"filePath":"D:\\",

"fileName":"filename.pdf"

}

**8.2 Download Document By Link**

Download link url : [https://api-eval.signnow.com/document/{document\_id}/download/link](https://api-eval.signnow.com/document/%7bdocument_id%7d/download/link)

Koizai Endpoint : localhost:8888/api/v1/au/signnow /download/link/{document\_id}

**Request Body**

{

"filePath":"D://",

"fileName":"filename.pdf "

}

**8.3 Download Document Group**

Download link url :

[https://api-eval.signnow.com/documentgroup/{document\_group\_id}/downloadall](https://api-eval.signnow.com/documentgroup/%7bdocument_group_id%7d/downloadall)

Koizai Endpoint : localhost:8888/api/v1/au/signnow/downloadgroup/{document\_group\_id}

**Request Body**

{

   "type": "merged",

  "with\_history": "after\_merged\_pdf",

  "document\_order": [

"xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx",

"xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx"

  ],

"filePath":"D:\\",

"fileName":"filename.pdf"

}

* **type can be zip,merged,certificate,email**
* **with\_history can be** no, after\_each\_document, after\_merged\_pdf
* **document\_order is document\_ id array**
* **document\_group\_id is response of Create Document Group response**
* **destination filename & filepath,path file to be downloaded**