Image Generation Instructions

Step 1 - Upload the File

Be sure to format your file in the form of `username_jobname.pdf`. Your username must be valid and the jobname should be hash value unique the user (no duplicates). The username and job name must be separated by an underscore.

Use the `job_management` `GET` operation to check if there is an existing job with that value. As a reminder the gateway URL is the following

```
https://7jefwpxjkb.execute-api.us-east-1.amazonaws.com/v2/api_2/job_management
```

See API 2 documentation for more details.

Step 2 - Retrieve information

SNS should send send a message detailing that the job is done. It should come in the form similar to the following. The following is an example of a response.

```
{"jobID": "139099", "userName": "johndoe", "file": "139099.pdf", "num pages": 3}
```

The parameters are

- `jobID` the job ID in which the file is processed
- `userName` the username of the file that it belongs to
- `file` the file that is to be procssed
- `num pages` the number of pages (images for that file)

Step 3- Retrieve the Files from S3

Use the `{bucketName}/{file_path}` API gateway URL to fetch the files via unsigned URL's. As a reminder you need to download these files via the link provided. Further documentation can be found in `API_1`

```
https://7jefwpxjkb.execute-api.us-east-1.amazonaws.com/v1/api_1/{bucketName}...
?file={file_path}
```

Parameters are:

- `bucketname` the bucket in which the files exist, this will always be `xtractor-main`

- `file_path` will always come in the following:

  - `<username>/<job_name+ page#>.pdf` so for instance in the response example above, the job plus page number would be the following:

  - Get signed URL's for all three files in this example using the unsigned URLs.