SMART API INTEGRATION ENDPOINT CLARIFICATION.

1. Token generation endpoint:

https://data.smartapplicationsgroup.com/providerapi-dev/oauth/token?

For generating the tokens. API uses the OAUTH2 (Bearer) token, using the access credentials provided by Smart. The smart team will provide: Client_id & Client Secret and username & password. The following illustrates a sample of an access token generated via Postman.

```
{
    "access_token": "a3849fc5-1efa-4181-85ef-7d8444132f37",
    "token_type": "bearer",
    "refresh_token": "7f2cb00d-a0ed-4fa7-943e-c75b84eeaaa5",
    "expires_in": 33499,
    "scope": "read  write",
    "iat": 1717071657,
    "client_id": "Himilo_HMIS"
}
```

2. Visit controller

a. Fetch visit controller

https://data.smartapplicationsgroup.com/providerapidev/api/visit?patientNumber=23025764&sessionStatus=PENDING

Always check against the status PENDING. The session will change the status to expired after 24 hours, therefore Smart will have to activate a new session. You need to request in advance whenever you need to carry out testing. **N/B: You will share patient file numbers in advance for the benefits to be forwarded and the session created. Patient file number is a unique identifier of patients within your HMIS.**

The status will also change from PENDING to ACTIVE the moment the merging endpoint has been called.

b. Merging of session with visit encounter id to activate the session.

https://data.smartapplicationsgroup.com/providerapi-dev/api/visit/62863/visit-number/AKHILS001

Responsible for Activating the session, visit is the session id supplied by smart, and visit-number is the encounter number supplied by your HMIS. **Supply the visit number from your end to activate the session.**

3. Member/ Benefit endpoint

https://data.smartapplicationsgroup.com/providerapidev/api/member?patientNumber=23025764&sessionId=62863

Responsible for displaying Biodata of the member and the benefit/ amount of the member. **All benefits as they are in smart will be forwarded to the HMIS. Proceed and select the benefit to consume within that visit.**

4. Copay Endpoint.

https://data.smartapplicationsgroup.com/providerapidev/api/copayment?benefitId=93181&providerKey=SKSP_6122&visitNumber=67

Responsible for displaying the copay set on each benefit. N/B You are only to call this endpoint if the facility relies on Smart to manage their COPAY and insurance is aware. However, most insurances normally convey the COPAYS set to credit controllers within the hospital without involving smart, hence all COPAYS should be managed within the HMIS.

5. Claim endpoint

https://data.smartapplicationsgroup.com/providerapidev/api/claims?patientNumber=23025764&sessionId=62863

Responsible for posting the generated invoice data to the smart API. Sample Claim Data is appended within the integration scope document.

6. Claim Status endpoint

https://data.smartapplicationsgroup.com/providerapidev/api/claim-status?invoiceNumber=Invoce1500835&memberNumber=SAMPLETEST502&sessionId=93164&visitNumber=87

Used to display the status of a particular invoice within the SmartLink database, either Pending, Cancelled or Billed. N/B: if the claim is not in billed status, billing officers should be informed to retrieve the invoice within the smart system or give a valid reason why the invoice was not retrieved … to avoid losses within the hospital.

7. Diagnosis endpoint

https://data.smartapplicationsgroup.com/providerapi-dev/api/clinic-record

If the diagnosis shall not be passed within the claim data, then the endpoint shall provide the ability for the diagnosis to be submitted after the patient has already left. N/B: The endpoint should only be developed for hospitals that have a special arrangement with Smart, as all claims should have a diagnosis appended within the invoice.