1. First Hospital need to get ABDM Health Facility ID by visiting this site https://facility.adm.gov.in/ or contact Shri Ashish Agnihotri of NHA/ABDM; Mobile: +91-8800328879.
2. Hospital will be provided with unique HMIS Code by NMC.
3. Needs to develop API Endpoint to provide data of OPD/IP to NMC Dashboard. NMC Dashboard will pull data from API Endpoint. Frequency of data exchange will be hourly/6 hourly/ 12 hourly etc.
4. Data exchange should be in secure manner by JWT Token (used to share security information between two parties).
5. The Hospital to provide following infrastructure
   1. Server with Static IP to be provide by Hospital.
   2. Configure SSL on the API Site with a Domain.
6. Module Codes used:

|  |  |
| --- | --- |
| **Module Code** | **Module Name** |
| 01 | OPD REGISTRATION |
| 02 | IPD (including Admission, Discharge, Transfer) |

1. NMC Dashboard will pull data from API Endpoint by passing From Date and To Date with timing.
2. OPD Output Data:
   1. Patient Name
   2. Patient Age
   3. Address
   4. Aadhaar Id – Not Mandatory
   5. Mobile Number - Not Mandatory
   6. UHID
   7. Department Name
   8. Department Code
   9. Visit Date Time
3. IP Output Data:
   1. Patient Name
   2. Patient Age
   3. Address
   4. Aadhaar Id – Not Mandatory
   5. Mobile Number - Not Mandatory
   6. UHID
   7. IP Number
   8. Department Name
   9. Department Code
   10. Admission Date Time

**GHealth**

**MRD SCREEN**

1. Hospital Number Generation
   1. Input Regn Date & No of Hospital number. Check with last Regn Date from Patient Master and start Generate Hospital Number & OP Number with Empty Record in tables PatientMaster, PatientDemographicDetails, OPMaster, OPConsultation.
   2. OP Master Tables – Hospital Number, OP Number and OPD Date get inserted.
2. Hospital Number Copy
   1. Input Start & End Hospital Number. From & To Date for old Record. And In Grid Department Wise New & Revisit Count required is Entered.
   2. Doctor is Selected based on Rule set for doctor specialty Roaster or Specialty Unit from Calendar. Doctor From Roaster or specialty unit Linked to that Doctor.
   3. Validation For Specialty Patient Record
      1. *OBGY, OBST = gender = F, Age between 18 & 32*
      2. *GYNC - gender = F; Age = 30.*
      3. *PAED, PAES - Age = 15*
3. Hospital Number Creation (Form not linked.)
   1. Input Start & End Hospital Number. From & To Date for old Record.
   2. All Patient & Consultation record is created in PatientMaster, PatientDemographicDetails, OPMaster, OPConsultation Table.
4. Revisit Number Copy
   1. Input Revisit Date. From & To Date for Patient to generate Revisit Records.
   2. In Grid Capture Specialty wise New & Revisit count.
   3. Record gets inserted in OPMaster, OPConsultation Table and update Patient master the Last Visit Number.
5. Patient Admission Copy
   1. Input Admission Date and Grid Specialty wise admission count.
   2. Get OP Consultation Patient Record with Admission Date & Specialty
   3. IPMaster, IPInformationDetail, IPQuickDetails, DischargeSummary
   4. IPBedDetails get the available bed from Bed Master.
   5. PatientMaster Update MaxipNumber.
   6. With Average Stay Day Update the Discharge Date. And Close the Patient record from Admission.
6. OPD Diagnosis Entry
7. IP Diagnosis Entry

**GENERAL SCREEN - TRANSACTION**

1. Registration
2. Revisit
3. Cross Referral
4. Patient Demographic Edit
5. Patient Admission
6. Patient Transfer
7. Patient Discharge
8. Patient Bed Detail - Edit
9. Retrieve Discharge Patient

**TABLES**

1. PatientMaster
2. PatientDemographicDetails
3. OPMaster
4. OPConsultation
5. IPMaster
6. PatientTransfer
7. DischargeSummary
8. SpecialtyMaster

**NOTES**

* In Registration & Admission Screen need to add two columns to capture Patient Identification Proof Type and Identification Number or Id of the Document provided.
  + PatientDemographicDetails
* Old Record need to update time for OP & IP Visit.
* Need to Map GHealth Specialty with NIC Specialty Master.
  + Validation In Specialty Master Any new Specialty created, need to map with NIC Master without that block transaction until this is mapped with NIC.

**OPD Output Data Mapping GHealth Table**

* 1. Patient Name – PatientName – PatientMaster.
  2. Patient Age – Date of Birth or with Age Calculate the Year (yyyy) – PatientMaster
  3. Address – Address - PatientDemographicDetails
  4. Aadhaar Id – Not Mandatory – New Column
  5. Mobile Number - Not Mandatory – New Column
  6. UHID – HospitalNumber - PatientMaster
  7. Department Name - SpecialtyCode from OPConsultation mapping with NIC
  8. Department Code – SpecialtyCode from OPConsultation mapping with NIC
  9. Visit Date Time – OPDDate – OpConsultation

**IP Output Data:**

1. Patient Name – PatientName – PatientMaster.
2. Patient Age – Date of Birth or with Age Calculate the Year (yyyy) – PatientMaster
3. Address– Address - PatientDemographicDetails
4. Aadhaar Id – Not Mandatory – New Column
5. Mobile Number - Not Mandatory – New Column
6. UHID – HospitalNumber - PatientMaster
7. IP Number – IPNumber - IPMaster
8. Department Name - SpecialtyCode from IPMaster mapping with NIC
9. Department Code - SpecialtyCode from IPMaster mapping with NIC
10. Admission Date Time –
    1. EffectiveDateOfAdmission & EffectiveTimeOfAdmission for Admission – IPMaster.
    2. PatientTransfer table for Department Transfer. Todeptcode & effdateoftransfer, efftimeoftransfer
    3. Discharge - EffectiveDateOfDischarge