**High-level cases**

* Accident
* Sick
* Infection (local outbreak of diseases, endemic, epidemic)
* Addiction - Alcoholic etc

**Registration process:**

**Step1(A)**

* ~~Name and Aadhaar ID~~
* Age
* Gender
* Demographics (current location)
* Ethnicity
* Diabetic (Yes/No)
* Hypertension (Yes/No)
* Vaccine history
* Blood group
* Family history (diabetes, hypertension etc)
* Travel history (in last 3 months outside in your country)
* State : Pregnant (for female) – kids
* Occupation
* Link to EMR ID or EHR ID – smart and fire protocol
* Taking medicines? (name of medicines) – going to impact the analysis of output
* ~~Smoking and alcohol history~~

**Step1(B) – machines used to measure**

* Strapped with diagnostic equipment.
* Pulse rate
* Blood pressure
* Oximeter reading (SP02)
* Glucometer (random blood sugar)
* Heart beat monitor (stethoscope)
* Temperature
* Weight and Height (BMI)
* Body mass composition (muscle mass, fat mass)
* ECG report
* Photography of tongue and throat (open mouth)
* Photography of eyes

**Step1(C) – Prepare list of labels**

* More details based on 1A and 1B, missed out questions (e.g. BP)
* Since when are you taking tablets
* Ask questions on the parameters out of range
* Follow up questions on any positive parameter
* Label – BP is high – Features (when, intensity, … based on labels)
* What is the medicine taken

**Step2 – Let the person talk (without interruption)**

* Open ended
* Anything more … anything more
* Extract labels

**Step2(C) – Labels from Step2**

* Complaint label
* Correlated questions on these labels
* Features for the labels
* Matrix of features and labels
* Correlated labels (fever – vomiting)
* Medical images from past test

**Step3**

* Take the information and dump into system
* Find the ICD codes (max 10) – high level disease codes

**Step3(C)**

* N disease codes to 2-3 codes – by using follow up questions
* Differential diagnosis
* Open ended questions

**Step4 - Test**

* Conduct test
* Which test to be done
* Take test and direc