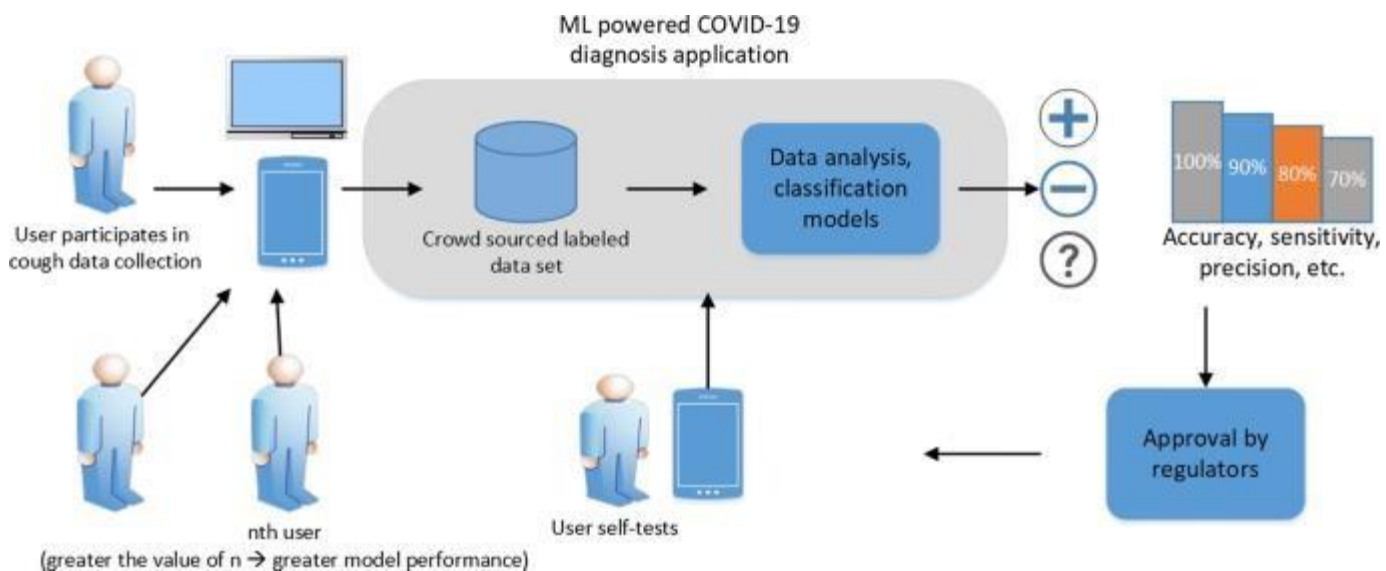| Date	03 October 2022
Team ID	PNT2022TMID36856
Project Name	Containment Zone Alerting
Maximum Marks	4 Marks

Data Flow Diagrams:

Containment Zones shows on a Google map and Covid- 19 statistics on a bottom sheet . closest 100 containment zones to the user are set with geofences. If the person search the affected areas in this app it will show the affected areas in through notification.

Data Flow Architecture:

Data flow diagram:

ML powered COVID-19 diagnosis application

User participates in cough data collection

Crowd sourced labeled data set

Data analysis, classification models

Accuracy, sensitivity, precision, etc.

nth user
(greater the value of n → greater model performance)

User self-tests

Approval by regulators
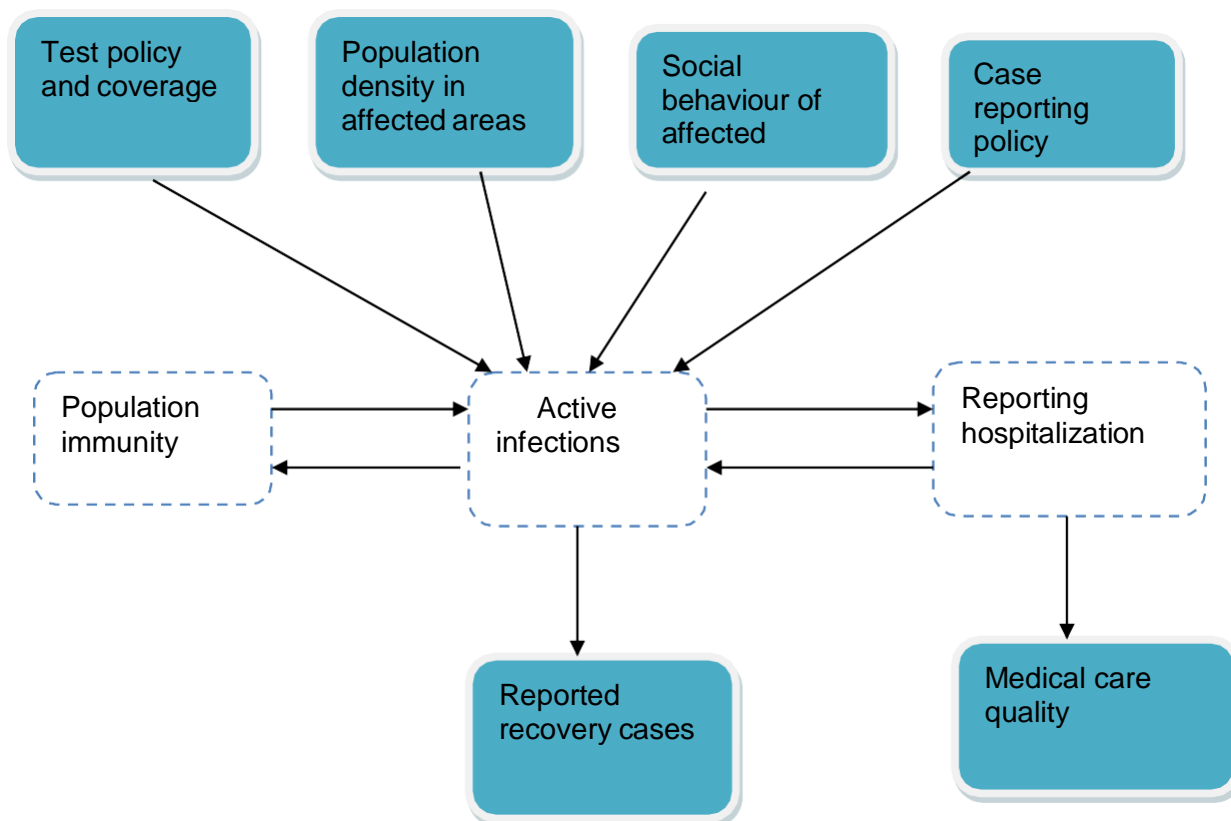
User Stories :

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Priority
Customer	Search Process	USN-1	As a user, can search for the Covid 19 affected	High

(Mobile user)			Areas.	
	Geo Location	USN-2	As a user, he can enter area name and get the geo map of the Covid 19 affected area.	High
	Add mobile number	USN-3	As a user, he can enter his mobile number and get the covid 19 updates on his phone number as a text message.	Medium