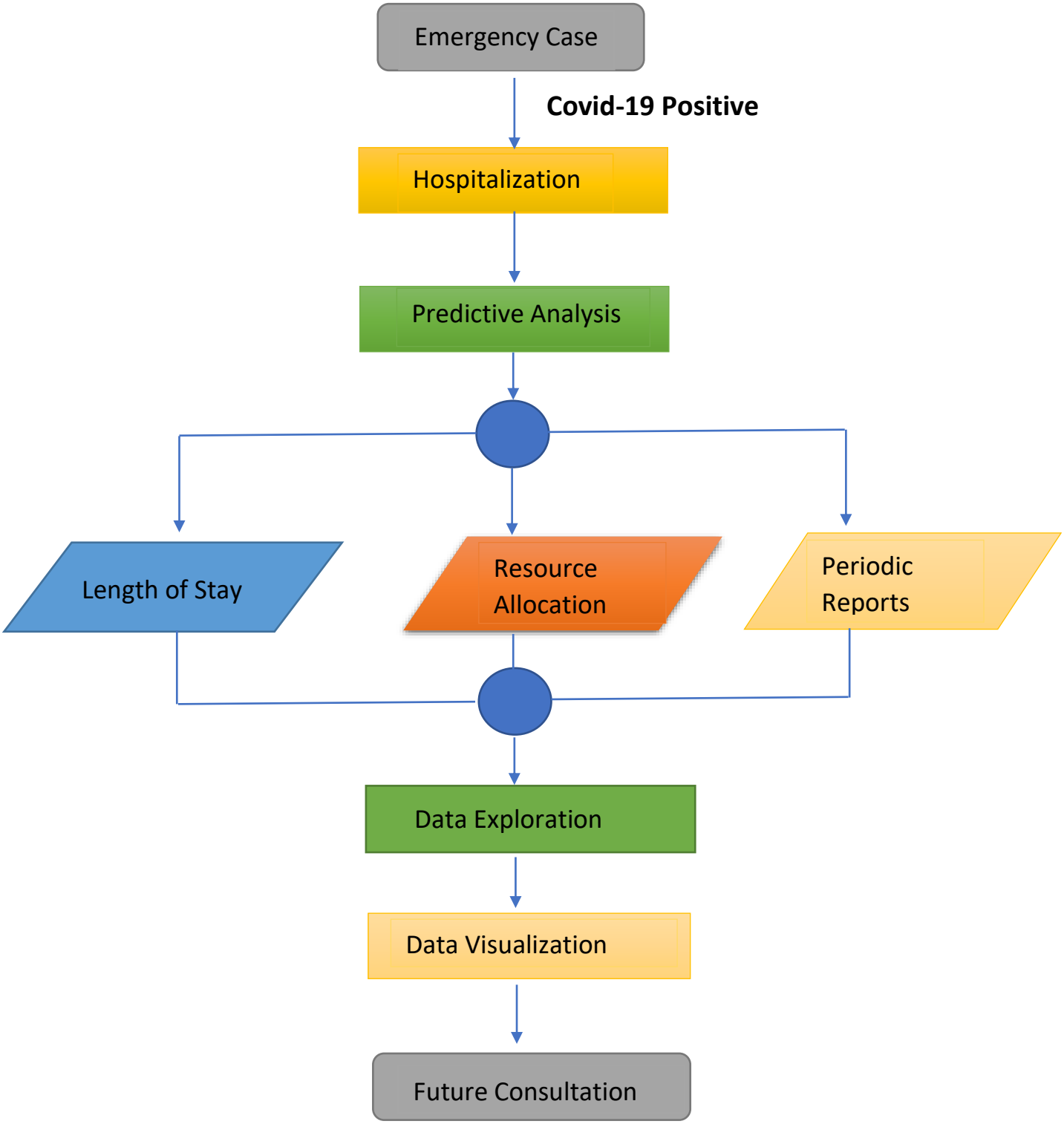
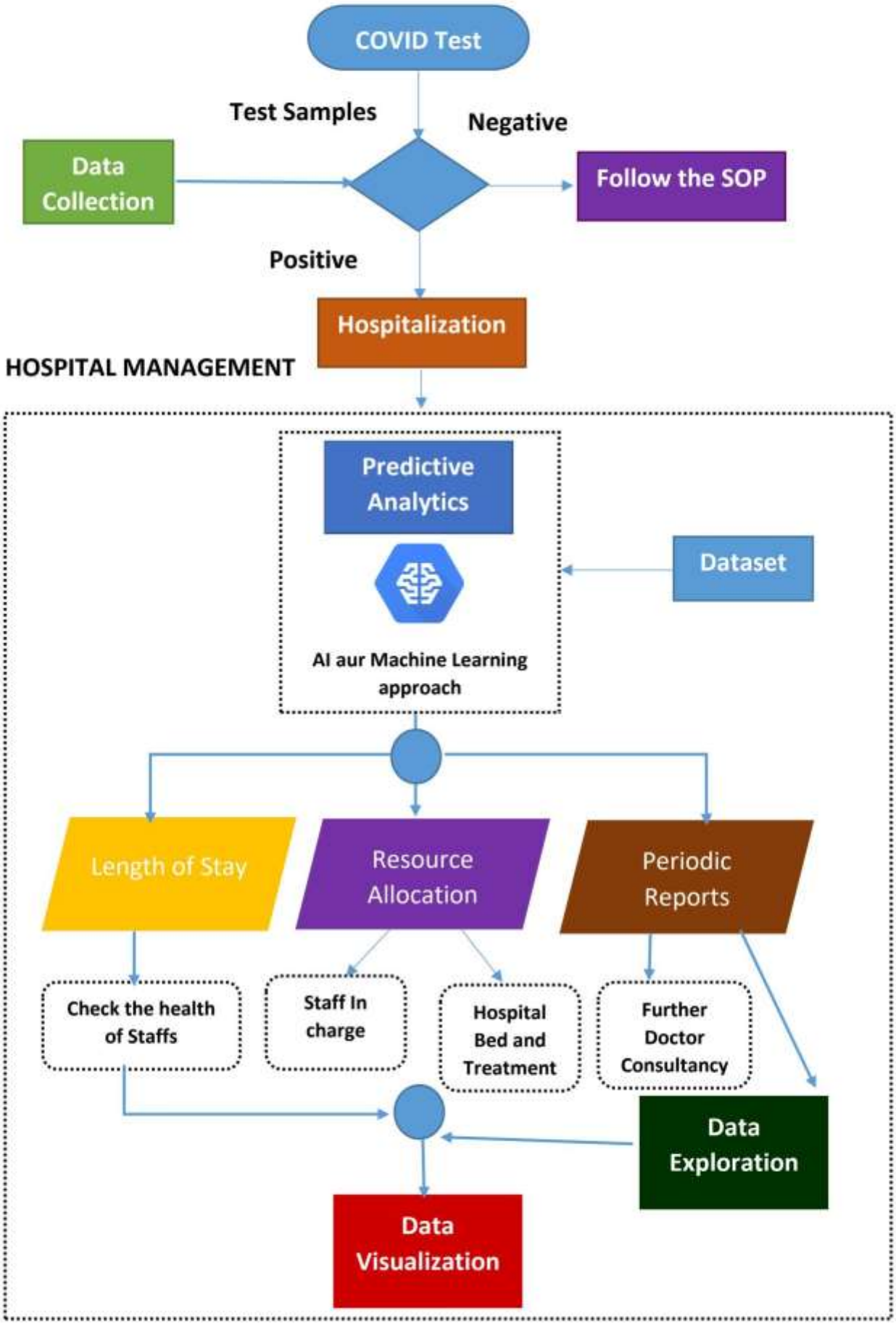
DATA FLOW DIAGRAM AND USER STORIES

Date	13.10.22
Team ID	PNT2022TMID14243
Project Name	Analytics for Hospital's Healthcare Data

LEVEL – 0



LEVEL -1


COVID Test
Test Samples
Negative
Data Collection
Follow the SOP
Positive
Hospitalization
HOSPITAL MANAGEMENT
Predictive Analytics
Dataset
AI aur Machine Learning approach
Length of Stay
Resource Allocation
Periodic Reports
Check the health of Staffs
Staff In charge
Hospital Bed and Treatment
Further Doctor Consultancy
Data Exploration
Data Visualization

USER STORIES:

User Type	Functional Requirements	User Story No.	User Task	Acceptance Criteria	Priority
Patient	Hospitalization	USN-I	Patients are required to hospitalize if they have coviD -kve	Direct Hospitalization	High
	Treatment Report	USN-2	Patients should collect their treatment report and get further doctor consult	They can receive the report from hospital	High
Hospital Management	Resource Allocation	USN-3	Hospital Management should allocate the necessary resource for treating the COVID Patients	Should be ready for any circumstance	High
	Predicting Length of Stay	USN-4	The Doctors should be aware of condition of Patients to predict the Los	Exploring the data about the patient health condition and predicting LOS	High
	Resource Availability	USN-5	The Hospital Staff should be aware of available resources in hospital	Visualizing the about the resource availability	High

	Staff Welfare	USN-6	The working staff should be safe and conscious about the coviD		High