Visualizing and Predicting Heart Diseases with an Interactive Dash Board

Team ID: PNT2022TMID23536

Faculty Mentor:

Kalaimathi

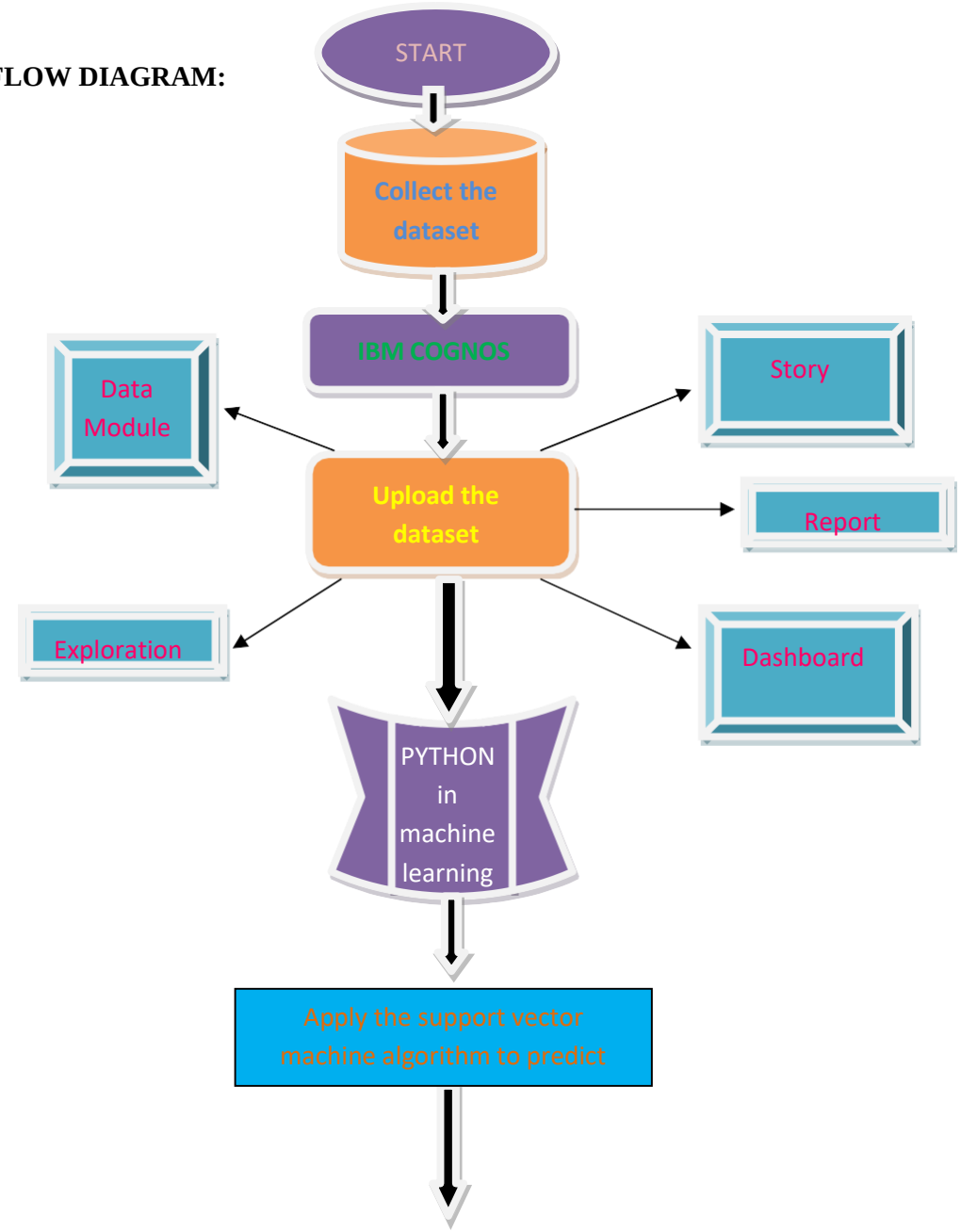
Team Leader : B.Ashwin

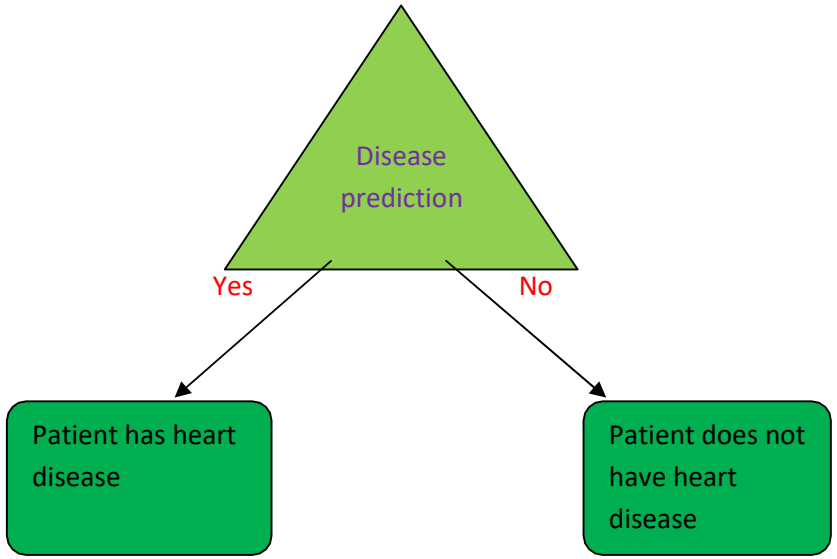
Team Member : R.Narayna Moorthi

Team Member:M.Gokulakrishnan

Team Member : J.Gokula Krishna

DATA FLOW DIAGRAM:





Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard.	High	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm.	High	Sprint-1
		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login.	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail	I can register & access the dashboard with Gmail Login	Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password	I can register & access the dashboard	High	Sprint-1

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
				with Gmail Login		
	Dashboard	USN-6	Profile - view & update your profile	I can see the profile.	Medium	Sprint-2
		USN-7	Change Password - user can change the password	I can able to change the password.	High	Sprint-1
		USN-8	Home - Analyze your Heart	I can detect the health condition from where ever I want.	High	Sprint-1
		USN-9	The user will have to fill in the below 13 fields for the system to predict a disease -Age in Year -Gender -Chest Pain Type -Fasting Blood Sugar -Resting Electrographic Results(Restecg) -Exercise Induced Angina(Exang) -The slope of the peak exercise ST segment -CA – Number of major vessels colored by fluoroscopy -Thal -Trest Blood Pressure -Serum Cholesterol -Maximum heart rate achieved(Thalach) -ST depression induced by exercise(Oldpeak)	These are the categories available in that application.	High	Sprint-2
		USN-10	View Doctors - view doctor detail by searching by names or filter by specialty	Using this application, people can known that the speciality doctors.	Medium	Sprint-1
Customer (Web user)	System Requirement	USN-11	I. Hardware Requirement i. Laptop or PC • I5 processor system or higher • 4 GB RAM or higher	These are all the specification available in your PC.	High	Sprint-2

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
			• 128 GB ROM or higher ii. Android Phone (12.0 and above)			
		USN-12	II. Software Requirement iii. Laptop or PC • Windows 10 or higher • Android Studio	Install your application. This system can be used to predict the presence of heart disease.	Medium	Sprint-2
		USN-13	***Reference- https://ieeexplore.ieee.org/document/9619208/***	Go and Check our Reference link.	Medium	Sprint-1
Customer Care Executive	Dashboard	USN-14	Query	You can post your queries in the text box available in that application.	High	Sprint-1
		USN-15	Toll Free	Ask your doubts in given number(8365492107).	High	Sprint-1
		USN-16	Ratings	Give your ratings as your wish.	Medium	Sprint-1
Administrator	Dashboard	USN-17	Verification	Verification through CAPTCHA Verification through I'm not a robot	High	Sprint-1
		USN-18	validation	Reconfirming the new password Sending a two digit number in (Google account) your Old devices, so that you can enter into	High	Sprint-2

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
				a new device By entering the two digit number.		
		USN-19	Feedback - send feedback to the Admin.	Please send your feedback to host.	Medium	Sprint-2