

Visualizing and Predicting Heart Diseases with an Interactive Dash Board

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Team Size : 4

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DATA FLOW DIAGRAM:

START

*Collect
the
dataset*

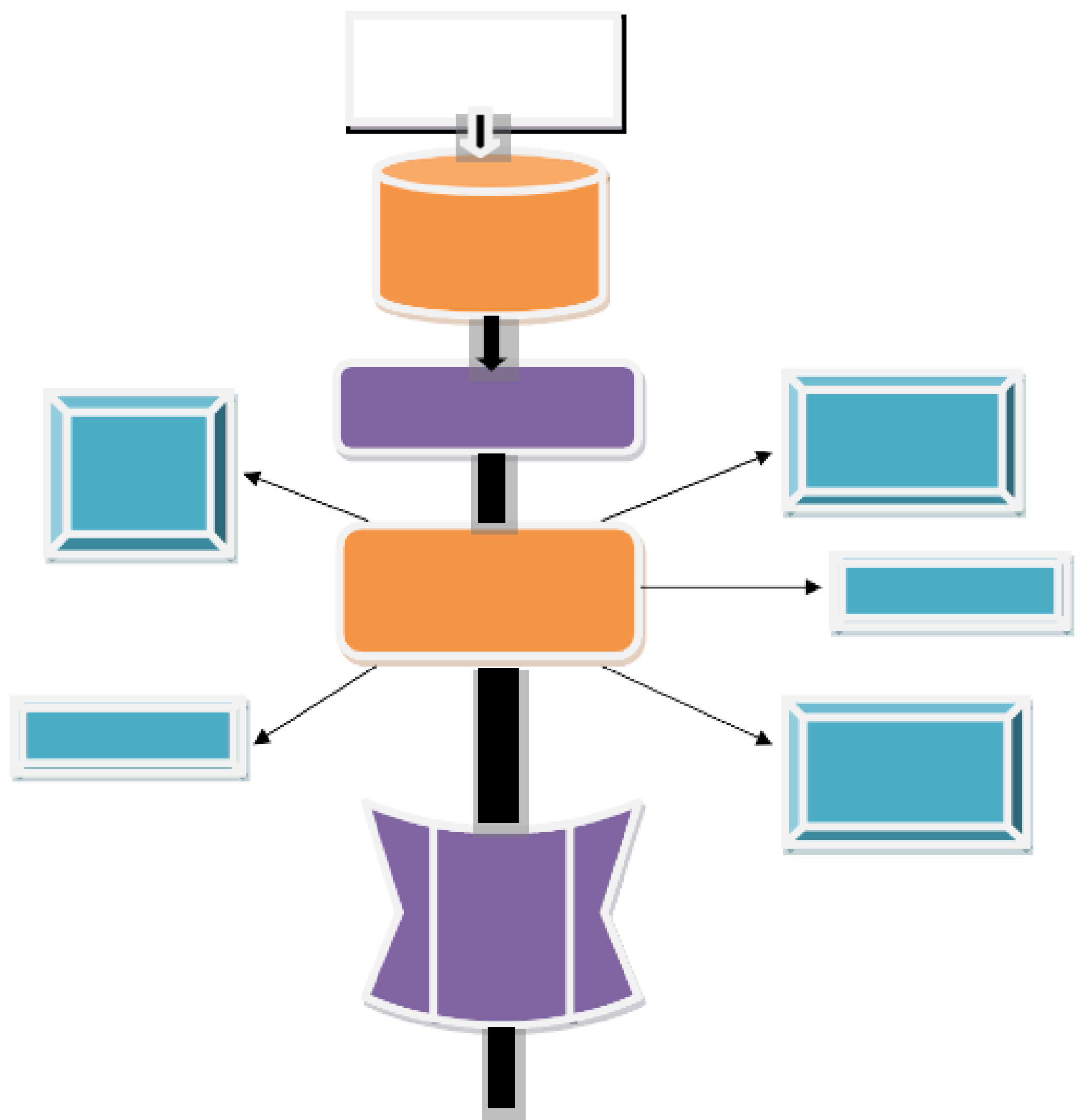
*IBM
COGNOS*

Story

*Data
Modul
e*

*Upload
the
dataset*

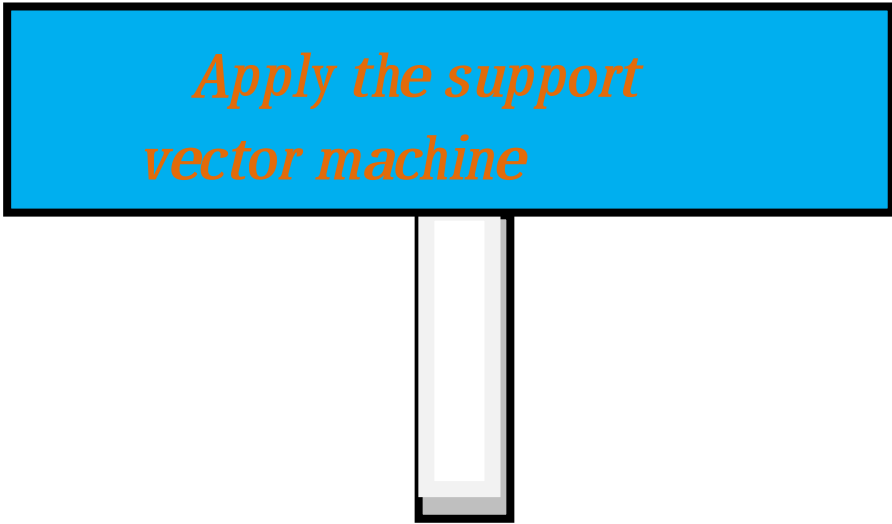
Report

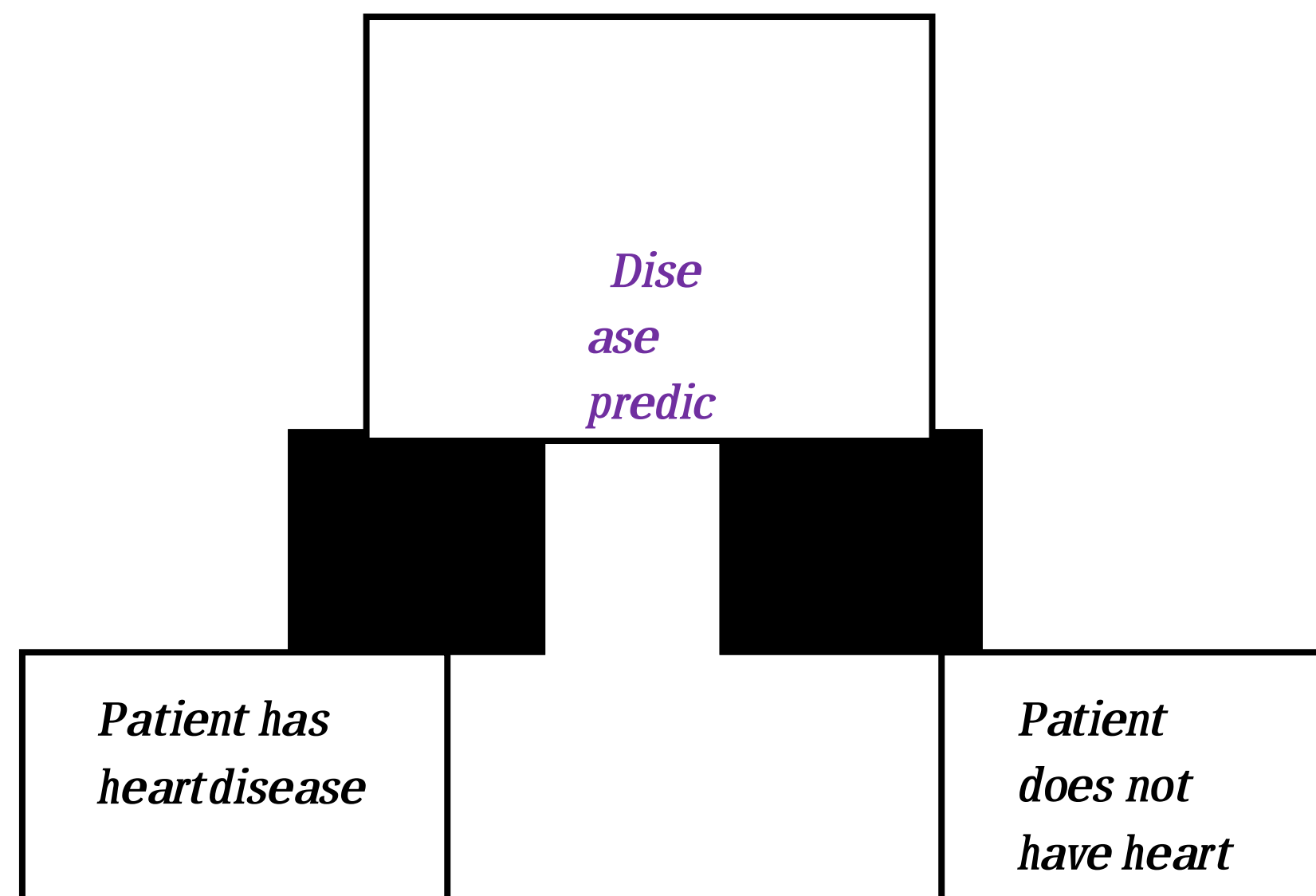


Exploration

Dashboard

*Apply the support
vector machine*





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

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

<i>User Type</i>	<i>Functional Requirement (Epic)</i>	<i>User Story Number</i>	<i>User Story / Task</i>	<i>Acceptance criteria</i>	<i>Priority</i>	<i>Release</i>
				<i>with Gmail Login</i>		
	<i>Dashboard</i>	<i>USN-6</i>	<i>Profile - view & update your profile</i>	<i>I can see the profile.</i>	<i>Medium</i>	<i>Sprint-2</i>
		<i>USN-7</i>	<i>Change Password - user can change the password</i>	<i>I can able to change the password.</i>	<i>High</i>	<i>Sprint-1</i>
		<i>USN-8</i>	<i>Home - Analyze your Heart</i>	<i>I can detect the healthcondition from where ever I want.</i>	<i>High</i>	<i>Sprint-1</i>
		<i>USN-9</i>	<i>The user will have to fill in the below 13 fields for the system to predicta disease</i> <i>-Age in Year</i> <i>-Gender</i> <i>-Chest Pain Type</i> <i>-Fasting Blood Sugar</i> <i>-Resting Electrographic Results(Restecg)</i> <i>-Exercise Induced Angina(Exang)</i> <i>-The slope of the peak exercise ST segment</i> <i>-CA – Number of major vessels colored by fluoroscopy</i> <i>-Thal</i> <i>-Trest Blood Pressure</i> <i>-Serum Cholesterol</i> <i>-Maximum heart rate achieved(Thalach)</i> <i>-ST depression induced by exercise(Oldpeak)</i>	<i>These are the categories available inthat application.</i>	<i>High</i>	<i>Sprint-2</i>
		<i>USN-10</i>	<i>View Doctors - view doctor detail by searching by names or filter byspecialty</i>	<i>Using this application, peoplecan known that the speciality doctors.</i>	<i>Medium</i>	<i>Sprint-1</i>
<i>Customer (Web user)</i>	<i>System Requiremen t</i>	<i>USN-11</i>	<i>I. Hardware Requirement</i> <i>i. Laptop or PC</i> <i>15 processor system or higher</i> <i>4 GB RAM or higher</i>	<i>These are all the specification availablein your PC.</i>	<i>High</i>	<i>Sprint-2</i>

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			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	<u>Reference-</u> 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)	High	Sprint-2

				<i>your Old devices, so that you can enter into</i>		
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				<i>a new device By entering the two digit number.</i>		
		<i>USN-19</i>	<i>Feedback - send feedback to the Admin.</i>	<i>Please send your feedback to host.</i>	<i>Medium</i>	<i>Sprint-2</i>