Project Design Phase-II Data Flow Diagram & User Stories

Date	10 October 2022
Team ID	PNT2022TMID00378
Project Name	Gas Leakage Monitoring and Alerting System
Maximum Marks	4 Marks

User Stories

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

User Type	Functional Requireme nt (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Relea se
Customer (Industrial Supervisor)	Leakage detection	USN-1	As a user, I will look for the gas leakage in any of the container.	I can access the monitor like display	High	Sprint- 1
		USN-2	As a user, I need to know about the concentration of gases of external environment	I can monitor the display for any increase in concentration of gases	High	Sprint 1
Customer(Manag er)			As a user, I need to detect any explosions in nearby containers	I can access the temperature sensor in case of any nearby explosions or temperature increase	Low	Sprint - 2
Customer(factor y executive officer)			As a user I have to know where gas leakage takes place and when it takes place	I can access the location and time of the gas leakage by receiving an notification from the nodes deployed (system)	Medium	Sprint- 1
			As an employee, I need to be notified if gas leaks	•		
			As a user, I need to know about the concentration of gases of external environment			

MURAL TEMPLATE

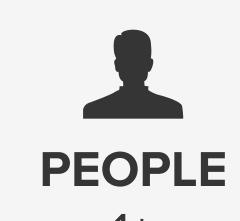
Data Flow Diagram

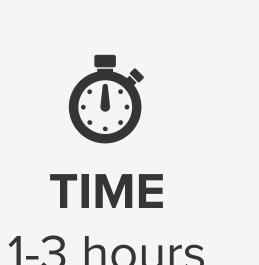
a template brought to you by your friends at MURAL

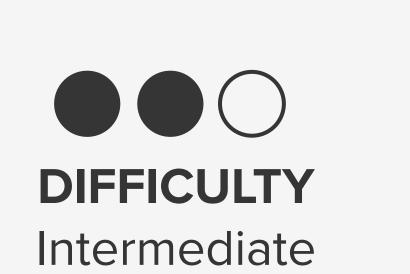
INTRODUCTION

Data flow diagrams are typically used by IT and engineering teams to show the flow of information, source of data inputs, and how that data is stored. These visual representations of a system can help be used to explain complex processes to key stakeholders or to build out new structures with your team.

Data flow diagrams visualize relationships between external entities, processes, data stores, and data flows. You can visualize data flows with both parallel and asynchronous behaviors using our data flow diagram template.



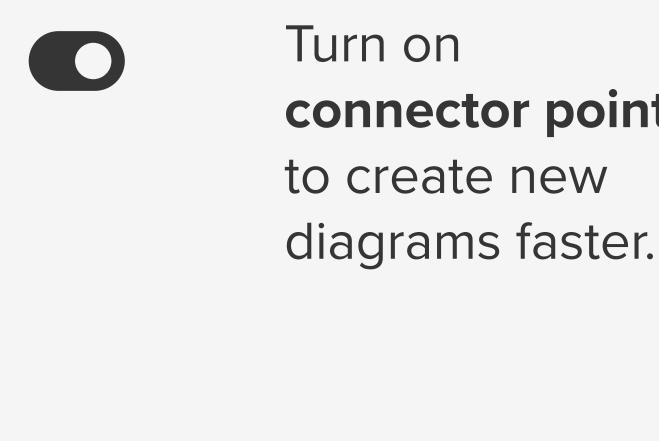


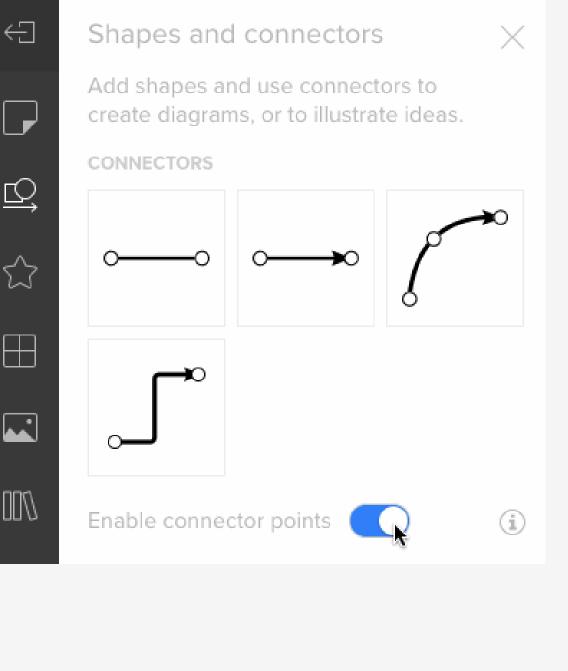


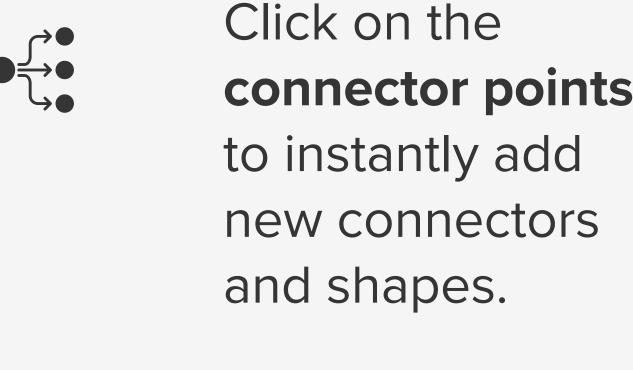
TOOL TIPS

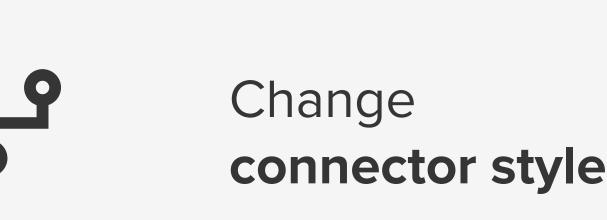
Create connections at the speed of thought:

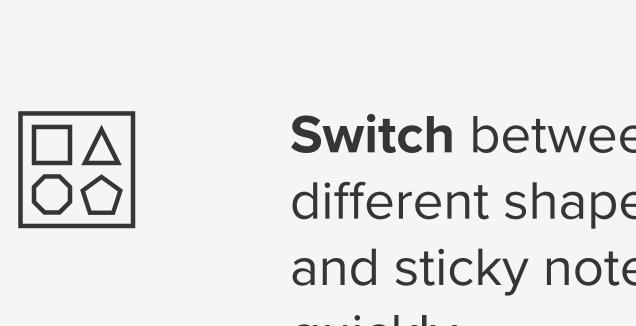


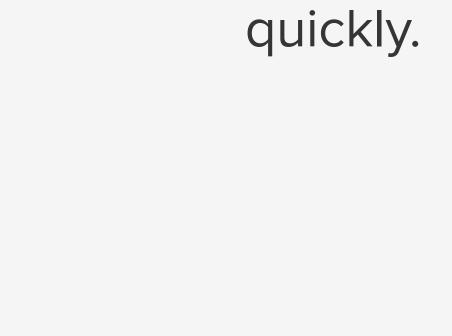


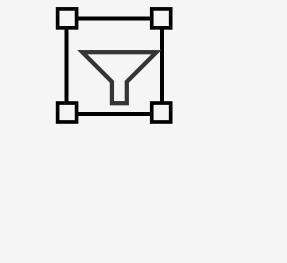


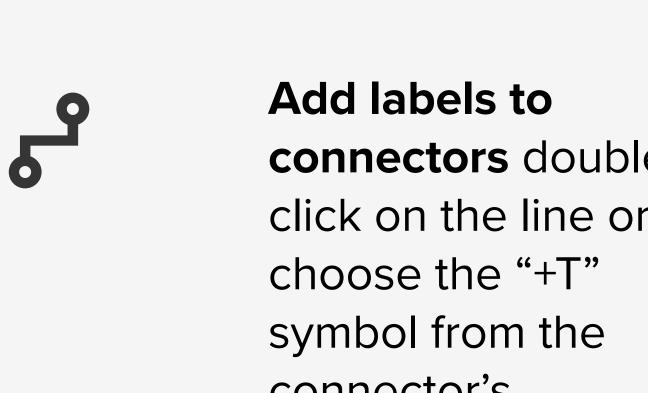




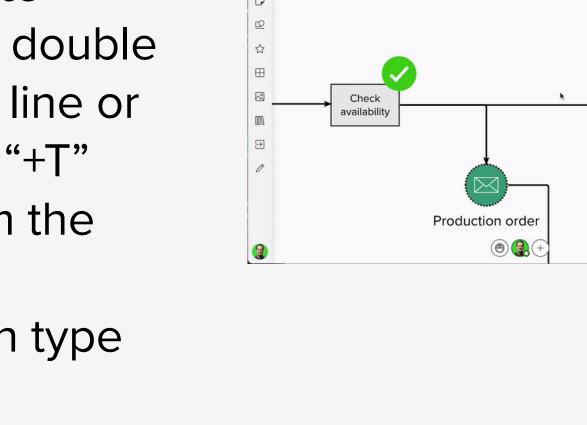


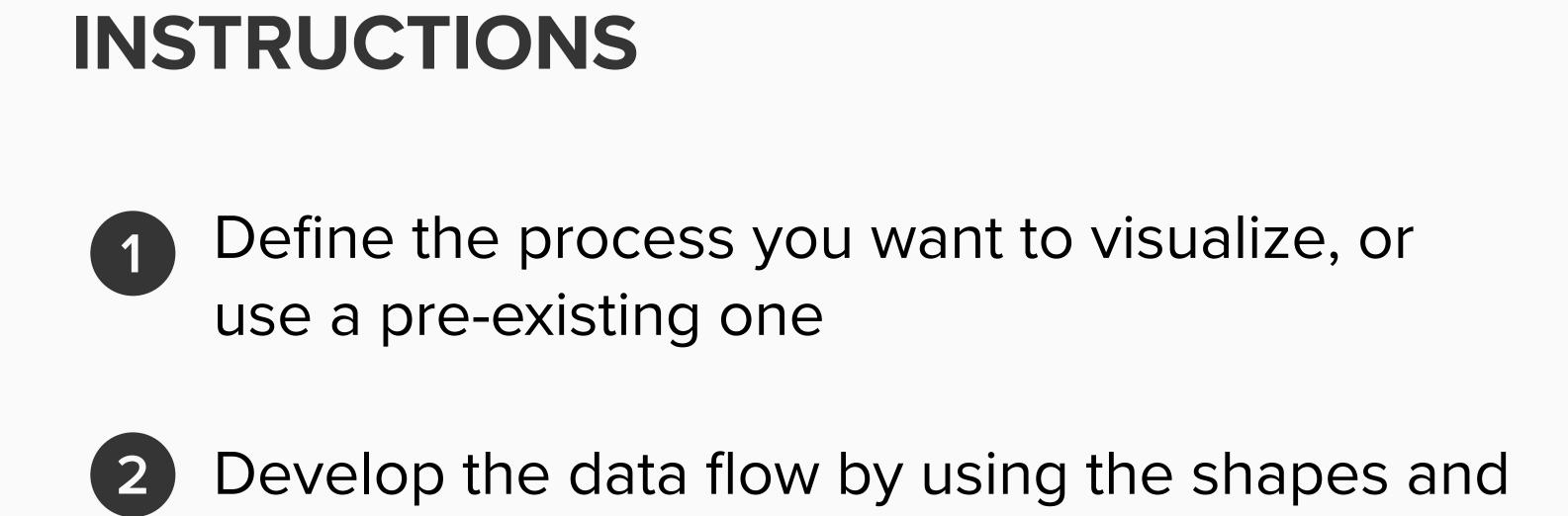






the toolbar.





connectors in the key Adjust and fine tune the data flow

Review the data flow

5 Next Steps

