

# Project Design Phase-II

## Data Flow Diagram

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Team ID	PNT2022TMID42536
Project Name	Personal Assistance for Seniors Who Are Self-Reliant

MOBAL TEMPLATE

Visualize data flows and behaviors to explain complex processes

# Data Flow Diagram

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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. Through visual representation, IT systems can help to design more complex processes to stay organized 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

Hold down Ctrl and drag to draw a connection

Turn on connector points to create new diagrams faster

Click on the connector points to instantly add new connectors and shapes

Change connector styles

Switch between different shapes and sticky notes quickly

Build with objects of the same type by filtering your selection from the toolbar

Add labels to connectors Double click on the top or bottom line of a connector to add a label. The connector's outline then type and text.

RESOURCES

[Data Flow Diagram Template](#)

INSTRUCTIONS

- Define the process you want to visualize, or use a pre-existing one
- Develop the data flow by using the shapes and connectors in the key
- Adjust and fine tune the data flow
- Review the data flow
- Next Steps

BRAINSTORMING AREA

Start

End

Process

Entity

NEXT STEPS

Start

End

Process

Entity

FLOW KEY

Data

This small rectangle is used for data that is required frequently or is constant in the process

Process

This shape is used for actions or instructions that through time need to be done

External entity

It is where data comes from or goes to. It is external to the process

Connects elements of the flow

VISUAL KEY

You can also make your diagrams more engaging by using shapes and icons

Data

Process

External entity

Add your own

Diagram 1: Data Flow Diagram for a Simple Process

Diagram 2: Data Flow Diagram for a Complex Process

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