

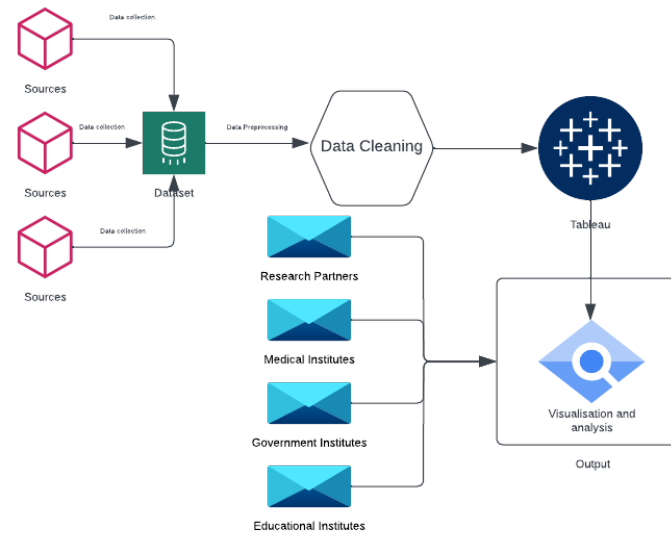
Project Design Phase-II

Data Flow Diagram & User Stories

Date	16 October 2023
Team ID	
Project Name	Depression: A Common Mental Disorder
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Mental Health Service Providers	Project setup & Infrastructure	USN-1	Set up the development environment with the required tools and frameworks to start the Depression: A Common Mental Disorder project.	Successfully configured with all necessary tools and frameworks	High	Sprint-1
research institutions, universities, and organizations	development environment	USN-2	Gather a diverse dataset of different countries and the different depression disorders their people are facing for data analysis and visualisation.	Gathered a diverse dataset related to different countries and various depression disorders they are facing.	High	Sprint-1
government agencies, foundations, and international organizations that support mental health initiatives and research	data preprocessing	USN-4	Preprocess and clean the data to improve prediction accuracy and facilitate easier data visualisation and understanding	Preprocessed the dataset	High	Sprint-2
educational institutions	Data storage in Tableau	USN-5	Store the data in Business Intelligence tools like Tableau for analysis	Stored the data in Tableau for further analysis.	Medium	Sprint-3
	Data analysis		Perform a comprehensive data analysis to identify the specific visualizations and analytical approaches required to address the problem effectively	Studied and analysed the data to decide which visualisations to perform.	Medium	Sprint - 3
	Data Visualisation		Generate a variety of data visualizations to enhance users' comprehension of the data and underscore the significance of the issue	Performed data visualisations.	High	Sprint-3

	Insights		Give the final insights about the issue and give measures how the issue can be solved.	Generated insights on the data by using the data visualisations and predictions.	High	Sprint - 4
--	----------	--	--	--	------	------------