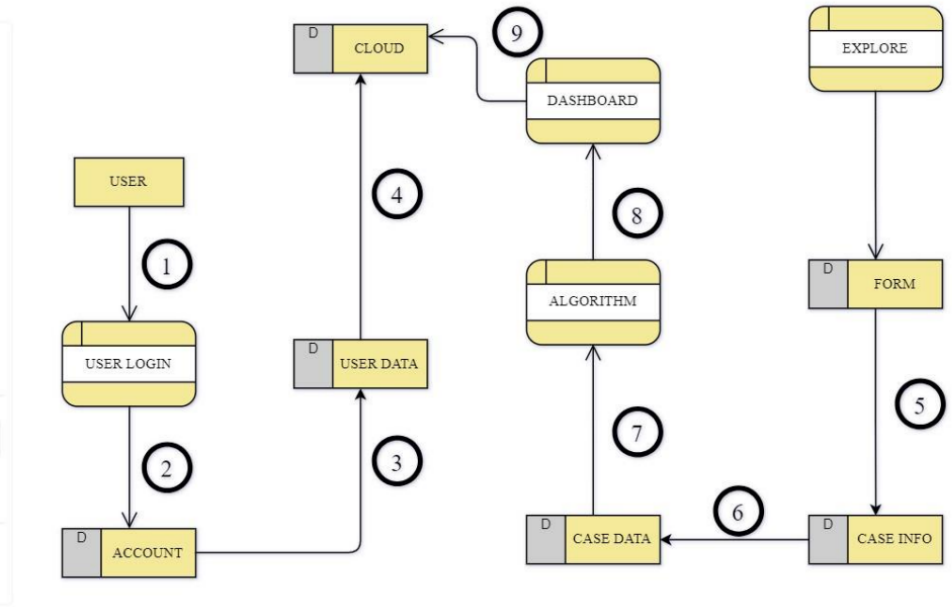
Project Design Phase-II
Data Flow Diagram & User Stories

Data Flow	Date	1 November 2023
	Team ID	Team-592942
	Project Name	Detecting COVID-19 From Chest X-Rays Using Deep Learning Techniques
	Maximum Marks	

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.

Here is the Data Flow Diagram for Envisioning Success project



1. Users successfully complete the registration process.
2. Within the Web App's Explore section, users are prompted to input specific characteristics.
3. The provided Case Info undergoes a seamless transformation into formatted Case Data.
4. The transformed Case Data serves as input for the FetalAI algorithm.
5. The algorithm processes the data, predicts the score, and presents the results on a dynamic dashboard.

User Stories

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	Registration	USN-1	As web user, I can register for the application by entering my email, password, and confirming my password.	Successfully entering email, password, and confirming password leads to account creation.	High	Sprint-1
		USN-2	As user, I can register for the application through smartbridge internz platform.	Successful registration and access to dashboard using smartbridge internz credentials.	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail	Successful registration and access to the FetalAI dashboard through Gmail.	Medium	Sprint-1
	Login	USN-5	As a mobile user, I can log into the FetalAI application by entering my email and password.	Successfully entering a valid email and password leads to login.	High	Sprint-1

	Best Algorithm Finding	USN-7	Trying out all the available algorithms in order to find which one gives the best accuracy rate	Ability to filter and sort predictions based on parameters such as gestational age, health risk levels, and other relevant factors.	High	Sprint-1
	Finding correlations	USN-8	We have a huge number of 21 parameters which can be hectic to handle, hence we shall find correlated columns and eliminate them.	• Access a user-friendly dashboard offering comprehensive insights into health predictions for selected pregnancies. Explore predicted health parameters, receive recommendations, and view relevant data visualiza	High	Sprint-1

				tions. Utilize convenient filters and sorting options based on parameters like gestationalage, health risk levels, and other relevant factors.		
	Logo requirement	USN-10	Find or design an apt logo for the WebUI	The logo should reflect the essence of our application, conveying a sense of health,and advanced technology. The colors used in the logo should be harmonious with the color scheme of the WebUI, promoting visual consistency.	Medium	Sprint-1
	Defining Descriptio		A detailed information about	The		

	n	USN-11	the application, its uses, and its application should be available for the users in order to understand better about the model.	information should be easily accessible within the application, preferably through a dedicated section or help center.	Medium	Sprint-2
Customer Care Executive	Contact us page	USN-12	In order to allow the users to post further queries, a contact us part of the page must be made available with the details of our team in it and how to contact us.	Include a mechanism for users to provide feedback on the "Contact Us" process, ensuring continuous improvement and addressing any issues promptly.	Medium	Sprint-3
	Back Navigator	USN-14	A button must be provided for the users to return to the predictor_inputs page to start predicting from the model again	Use an intuitive icon or label for the button to clearly convey its purpose, ensuring users understand that clicking it will take them back to the predictor_inputs page.	Low	Sprint-4