Project Design Phase-II
Data Flow Diagram & User Stories

Date	25 October 2023
Team ID	PNT2022TMID592324
Project Name	Project – Detection of Autistic Spectrum 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.
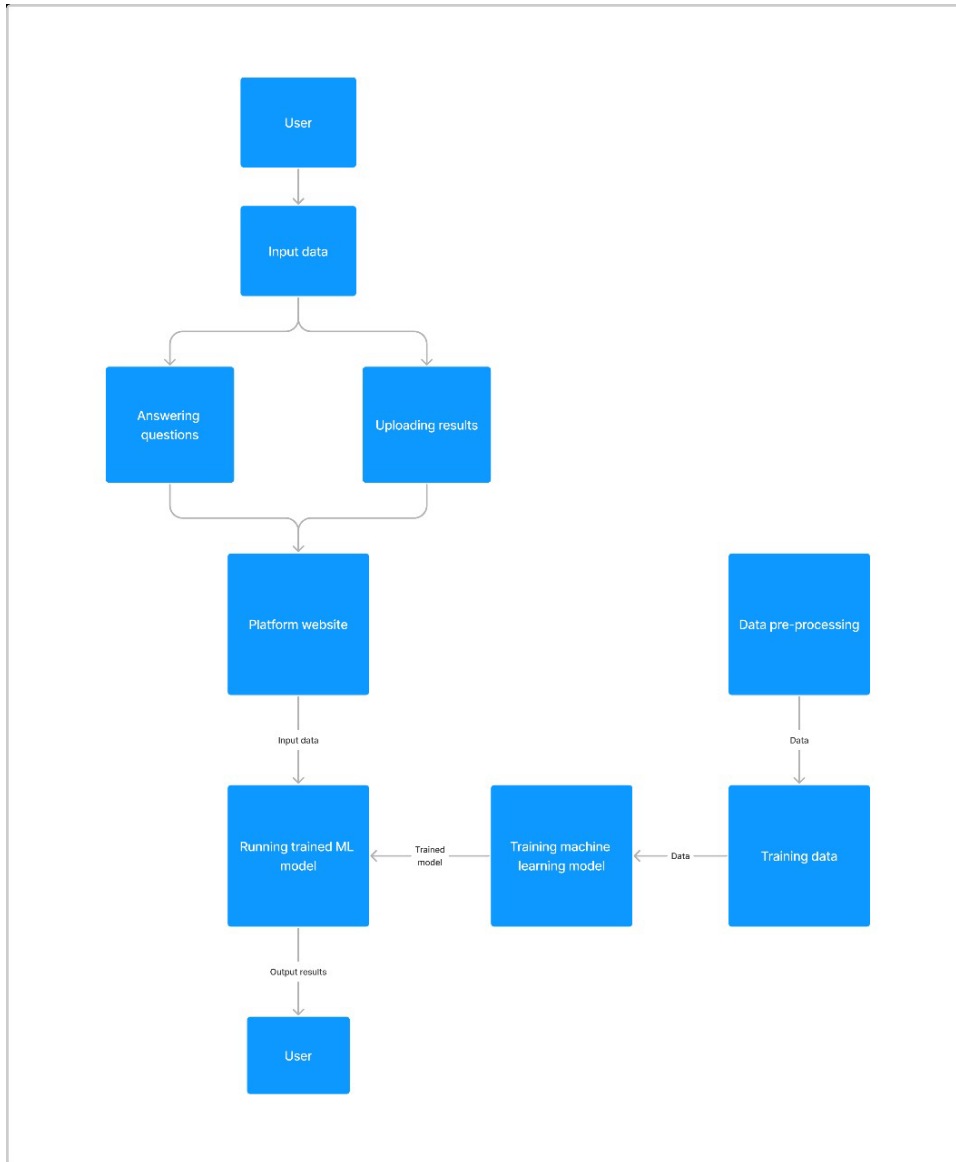
User Stories

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
Web USER	Input Data	USN-1	A Doctor can visit this site and input the results of a patient.	Trying to make sure all the parts of the results are present to ensure accurate outputs.	High	Sprint-1
		USN-2	Allow individual users to answer the questions required to predict where they land on the autism spectrum.	Making sure that all the questions are covered and they are easy to understand	low	Sprint-2
	Output Result	USN-3	After giving in the inputs, the model runs in the background and give out the desired output	It shows whether a user has ASD or NOT	High	Sprint-1
Engineer	Machine Learning	USN-4	A Machine learning engineer is supposed to train the model to ensure low type 2 errors, and continue training the model as more users enter more data.	The quality of the results must not fall.	High	Sprint-1
	Data Engineer	USN-5	Run data preprocessing on the input data to make it more readable and also make the training of the algorithm faster	Make sure the data is ready to be input into the machine-learning model, and the data causes no issues	High	Sprint-1
Developer	Frontend	USN-6	A frontend developer ensures that the website is working smoothly	The Website works smoothly on all devices	High	Sprint-1
	Backend	USN-7	Ensure that all the input data is stored in a database so that it can be used for further model training	Make sure that there is no data loss	low	Sprint-2