Project Design Phase-II
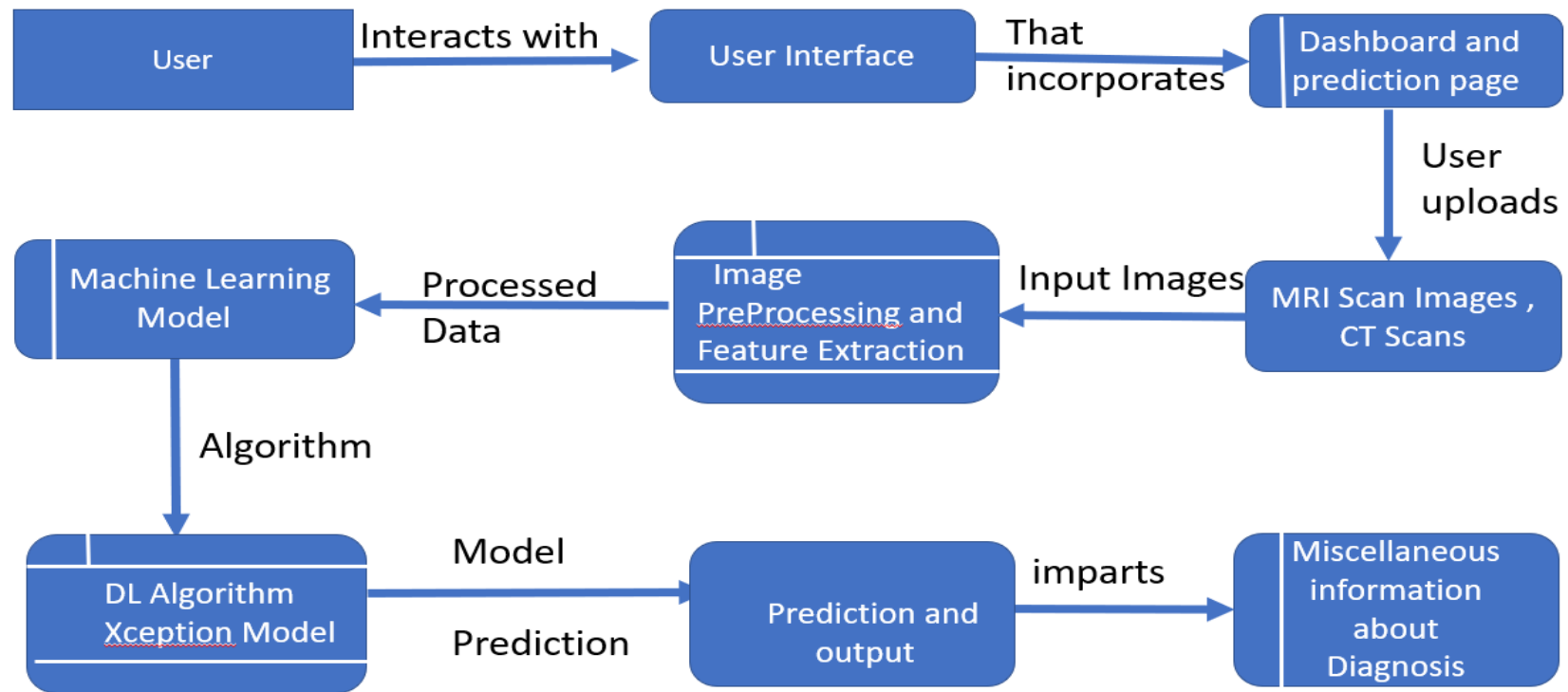# Data Flow Diagram & User Stories

Date	12 May 2023
Team ID	NM2023TMID00211
Project Name	Project – Cognitive Care: Early Intervention of Alzheimer's disease

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.

Example: DFD Level 0 (Industry Standard)

User --Interacts with--> User Interface --That incorporates--> Dashboard and prediction page

Dashboard and prediction page --User uploads--> MRI Scan Images, CT Scans

MRI Scan Images, CT Scans --Input Images--> Image PreProcessing and Feature Extraction

Image PreProcessing and Feature Extraction --Processed Data--> Machine Learning Model

Machine Learning Model --Algorithm--> DL Algorithm Xception Model

DL Algorithm Xception Model --Model Prediction--> Prediction and output

Prediction and output --imparts--> Miscellaneous information about Diagnosis

User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Team Member
Customer	Dashboard	USN-1	As a user, I gained more information about the disease.	I can access my dashboard	Medium	Subhasri.M, Sankari.BRP
		USN-2	As a user, I came to know about nearby hospitals with Alzheimer treatment options.	I can view my nearby hospitals.	High	Lakshmi Bharathi.A, Keerthi.P
		USN-3	As a user, I can upload my scan images for prediction.	I can upload image.	High	Lakshmi Bharathi.A
		USN-4	As a user, I can receive my diagnosis results.	I can get my results.	High	Keerthi.P
		USN-5	As a user, I can view miscellaneous information about my diagnosis.	I can learn about my disease condition.	Medium	Sankari.BRP
Customer care Executive	Contact	USN-1	As a customer care executive,I can view customer's queries and can provide necessaries about this.	I can clarify their queries.	Low	Subhasri.M