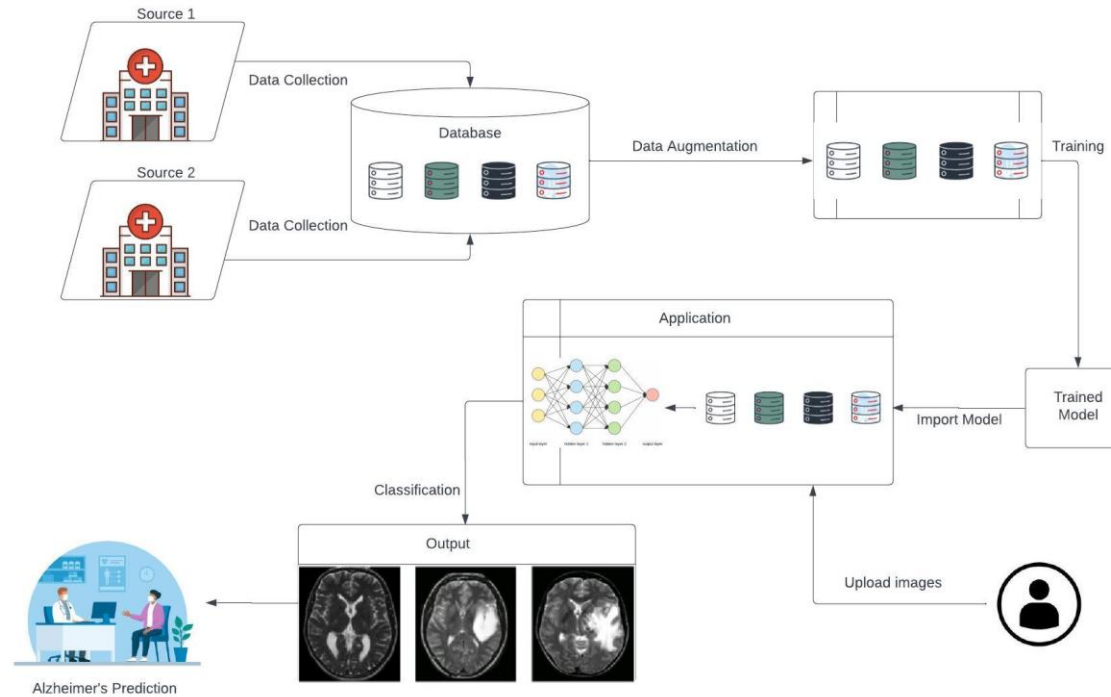


## Project Design Phase-II

### Data Flow Diagram & User Stories

Date	22 October 2023
Team ID	Team - 591900
Project Name	Alzheimer's Disease Prediction
Maximum Marks	4 Marks

A Data Flow Diagram (DFD) is a visual representation of how data flows within a system or process. It is a diagrammatic tool used in systems analysis and design to illustrate the movement and transformation of data as it moves through various components of a system. DFDs are used to model the data flow, data stores, processes, and external entities within a system, providing a clear and structured view of how data is processed and utilized.



## User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Doctor / Medical Professionals	Neurologist (AI-assisted Diagnosis)	USN-1	I want a platform that assists in the early diagnosis of Alzheimer's disease, providing accurate predictions based on medical imaging data.	I can make accurate predictions based on data	High	Sprint-1
	Radiologist (Medical Imaging Data Upload)	USN-2	I want to easily upload and share medical imaging data for further analysis by the AI model.	I can analyze image medical data	High	Sprint-1
Nurses/ Medical staff	Detailed reports and visualization	USN - 3	I want access to detailed reports and visualizations that help me communicate diagnosis and treatment options to patients.	Can communicate accurate diagnosis and treatment	High	Sprint-2
Researchers	Collaboration and Data sharing	USN - 4	I want to collaborate with the project team and access anonymized datasets for Alzheimer's disease research.	Can train ML models on the data and provide accurate predictions	High	Sprint-2
Administrator	Regulatory Compliance	USN-5	I want to ensure that the platform complies with all relevant healthcare regulations and standards.	Can monitor the performance of the system	Low	Sprint-3
Patients and their Family	Early Diagnosis Submission	USN-6	As a patient, I want to have access to a user-friendly platform to submit my medical imaging data for early diagnosis.	Can be able to upload their medical imaging data	Medium	Sprint-4