

Project Design Phase-II Data Flow Diagram & User Stories

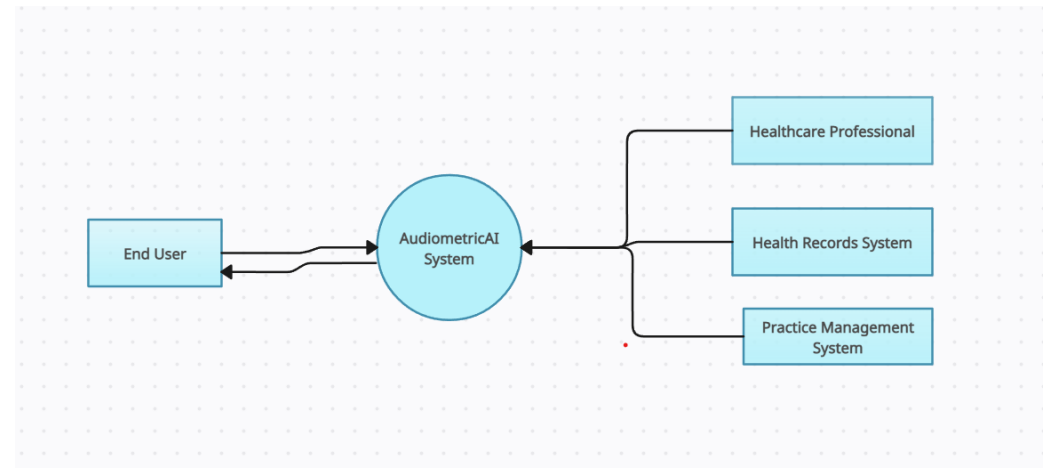
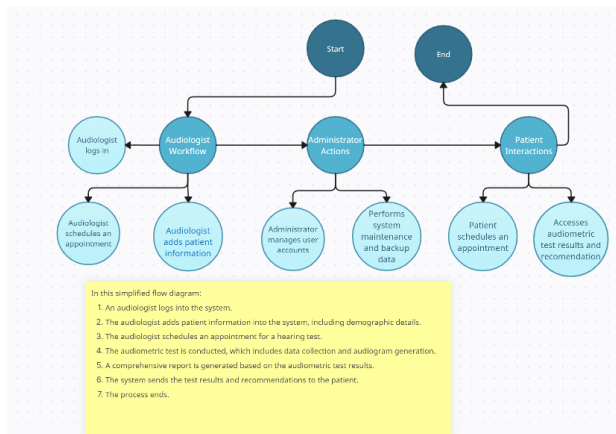
Date	25 October 2023
Team ID	Team-591549
Project Name	Audiometric AI: Transforming Hearing Test Diagnosis Through ML
Maximum Marks	4 Marks

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.

Example: DFD Level 0 (Industry Standard)

Example: (Simplified)



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 (Mobile user)	Patient Management	USN-1	As an audiologist, I want to add a new patient's demographic information into the system.	I can enter patient details such as name, age, contact information, and medical history.	High	Sprint-1
		USN-2	As an audiologist, I want to schedule an appointment for a patient for a hearing test.	I can select a date and time for the appointment and assign it to the patient.	High	Sprint-1
	Audiometric Testing:	USN-3	As an audiologist, I want to conduct an audiometric test for a patient.	The system should guide me through the test, record the results, and display an audiogram.	High	Sprint-1
		USN-4	As an audiologist, I want to generate a comprehensive report based on the audiometric test results.	The system should compile the patient's test data, including audiograms and recommendations.	Medium	Sprint-2
	Patient Communication	USN-5	As an audiologist, I want to send email reminders to patients for their upcoming appointments	The system should send automated appointment reminders to patients.	Medium	Sprint-2
		USN-6	As an audiologist, I want to provide patients with access to their test results and recommendations through a secure online portal.	Patients should be able to log in and view their audiometric test results and recommendations.	Medium	Sprint-2
	Appointment Scheduling	USN-7	As a patient, I want to schedule an appointment with an audiologist for a hearing test.	I can select a suitable date and time for my hearing test appointment.	High	Sprint-1
	Test Access:	USN-8	As a patient, I want to access my audiometric test results and recommendations through a secure online portal.	I can log in and view my audiometric test results and recommendations.	Medium	Sprint-2
Administrator	User Management	USN-9	As an administrator, I can add and manage user accounts for audiologists and patients.	I can create, edit, or deactivate user accounts,	High	Sprint-1

				assign roles, and reset passwords.		
	System Maintenance	USN-10	As an administrator, I want to perform regular system maintenance and backup data.	The system should allow me to schedule maintenance tasks and backup the database.	Medium	Sprint-2