

Project Design Phase-III

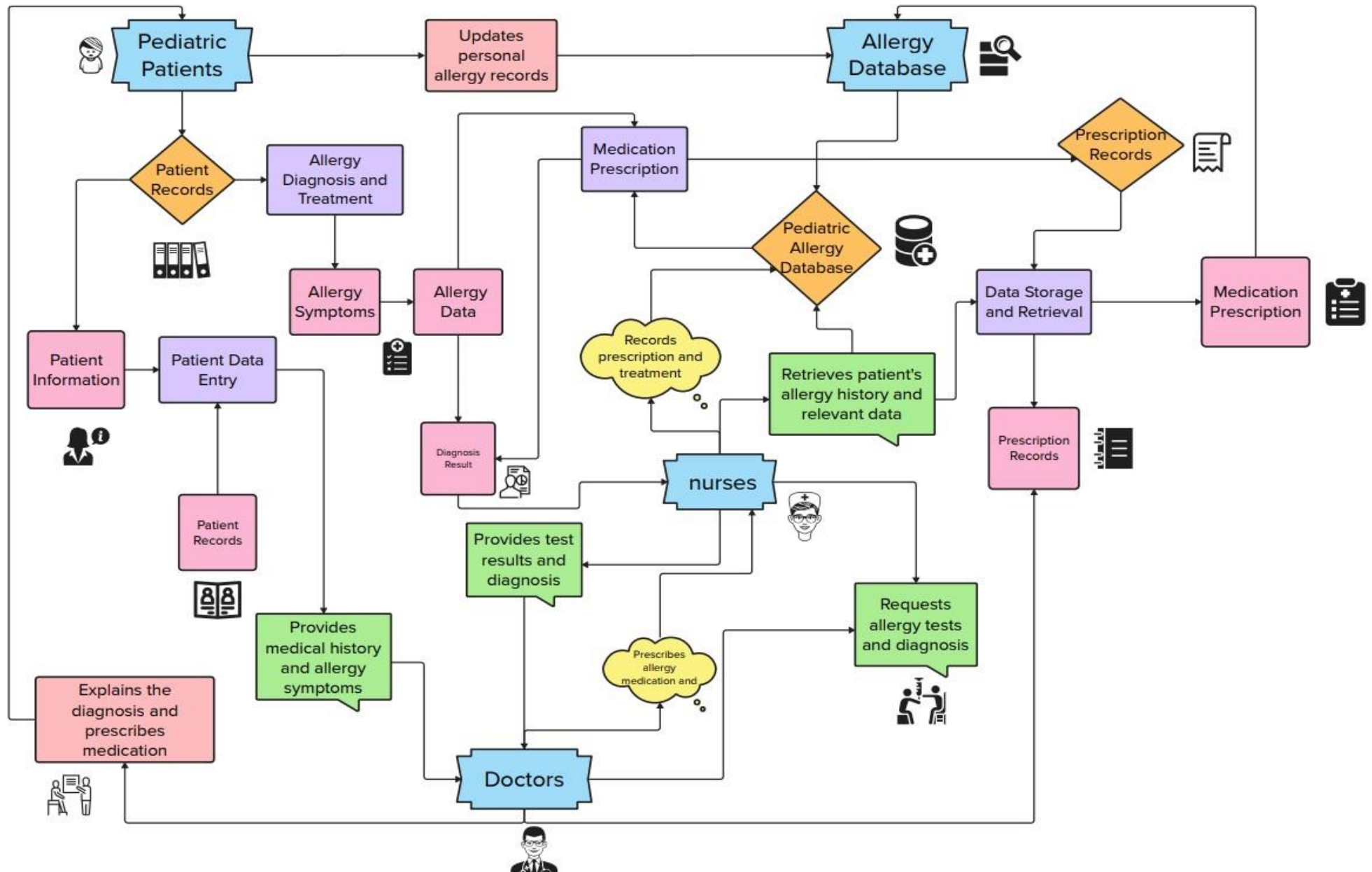
Data Flow Diagram & User Stories

Date	21 October 2023
Team ID	Team-591194
Project Name	Pediatric Allergies Unveiled: A Tableau Exploration of Prevalence and Demographics
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.

The data flow diagram (DFD) for the "Pediatric Allergies Unveiled" project illustrates how information circulates within the system. External entities like Researchers, Healthcare Professionals, Administrators, and Public Users interact with various system processes, such as Data Access, Demographic Analysis, and Data Contribution. Data flows display the movement of information between these entities and processes, while data stores represent where data is stored, including the project's database. The DFD helps depict how data is collected, processed, and presented, offering a visual map of the project's data management and analysis.



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
Researcher (Web User)	Data Access	USR-1	As a researcher, I can access the project's allergy prevalence and demographics data.	I can log in to the platform, access data related to pediatric allergies, and view relevant visualizations.	High	Sprint-1
	Demographic Analysis	USR-2	As a researcher, I can analyze pediatric allergy prevalence by age group.	I can filter and visualize allergy data by age groups, gaining insights into prevalence rates within specific age brackets.	High	Sprint-2
		USR-3	As a researcher, I can analyze pediatric allergy prevalence by geographic location.	I can filter and visualize allergy data by regions, allowing me to study prevalence variations based on location.	Medium	Sprint-3
Healthcare Professional(Web User)	Allergy Trends	USHP-1	As a healthcare professional, I can access the platform to stay updated on current pediatric allergy prevalence trends.	I can log in and view visualizations that display the latest data and trends in pediatric allergies.	High	Sprint-1
	Data Contribution	USHP-2	As a healthcare professional, I can contribute anonymized patient data to enhance the project's database.	I can securely upload and share patient data, knowing that it will be anonymized and used for research purposes.	Medium	Sprint-2

Project Administrator	User Management	USAdmin-1	As an administrator, I can manage user accounts, including adding, updating, or disabling accounts.	I can perform these user management actions with appropriate permissions.	High	Sprint-1
Public User (Web and Mobile User)	General Access	USPublic-1	As a public user, I can access basic allergy prevalence information without the need to create an account.	I can view public visualizations and summaries without logging in.	Low	Sprint-1
	Reporting Data Errors	USPublic-2	As a public user, I can report data errors or inaccuracies within the platform.	I can easily submit reports, and the platform provides a process for verifying and rectifying data errors	Medium	Sprint-2