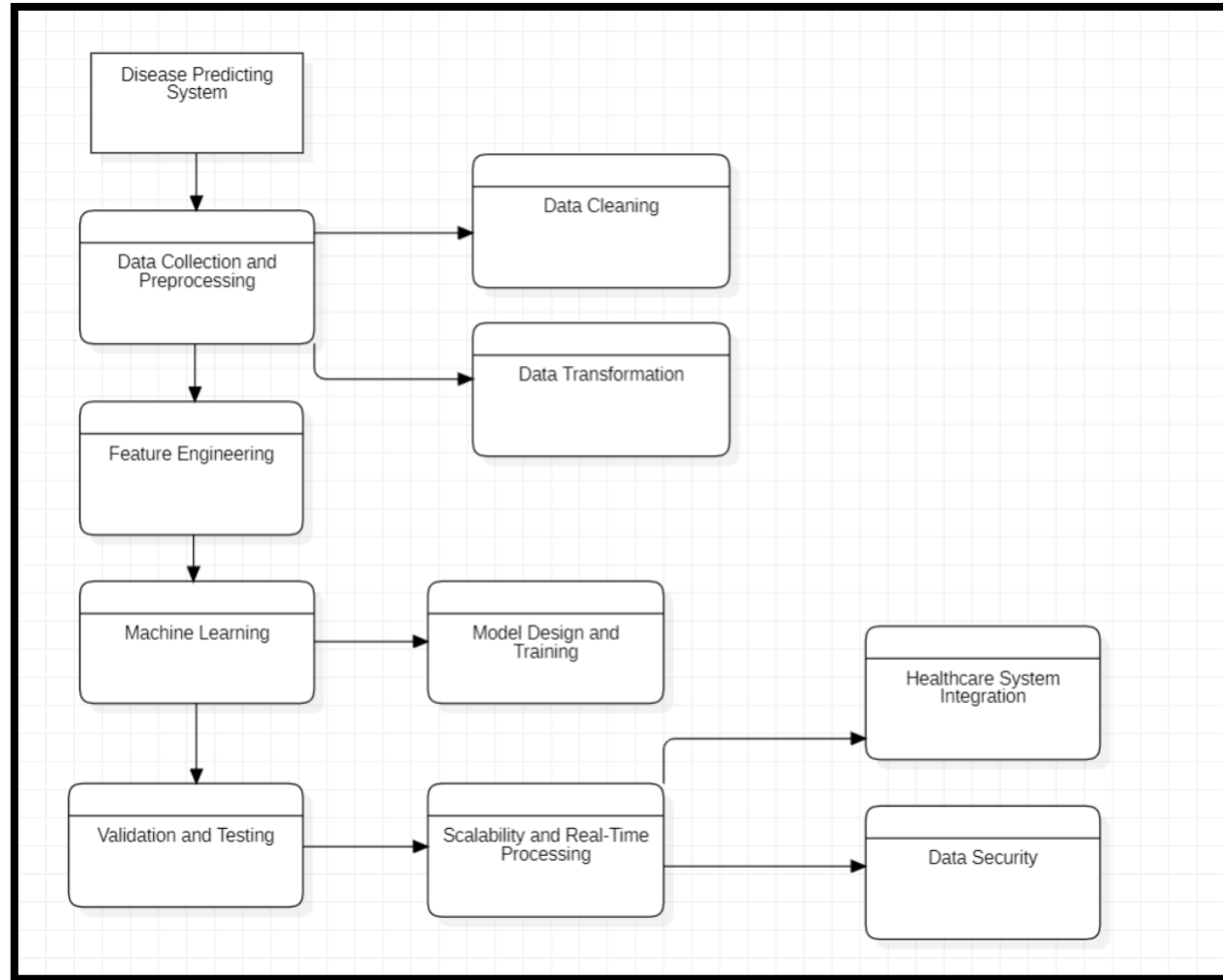


Project Design Phase-II
Data Flow Diagram & User Stories

Date	23 October 2022
Team ID	NM2023TMID593076
Project Name	Disease Prediction using Machine Learning
Maximum Marks	4 Marks

Data Flow Diagram for Disease Predicting System:

The data flow diagram illustrates a comprehensive disease prediction system architecture. It begins with data collection from healthcare sources and preprocessing, encompassing data cleaning and transformation. Feature engineering identifies crucial input variables. The system employs machine learning techniques, including algorithm selection, model design, and training. Rigorous validation, scalability, real-time processing, and data security measures are integral components of the architecture, ensuring accurate and privacy-preserving disease predictions.



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
Patient	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		USN-4	As a user, I can register for the application through Gmail		Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password		High	Sprint-1
	Dashboard	USN-6	As a user, I can enter the symptoms and predict the disease I have	I can get various options of what disease I might have	High	Sprint-1
Doctor	Doctor Login	USN-1	As a Doctor, I can log into the application by entering email & password			
	Doctor Dashboard	USN-2	As a Doctor, I can crosscheck and analyse whether the disease is correctly predicted	Proceeds with the appropriate treatment	High	Sprint-1
Administrator	Admin Login	USN-1	As an Admin, I can log into the application by entering email & password			
	Admin Dashboard	USN-2	As an Admin, I can check the inflow and outflow patients, patient logins, doctor logins	Monitor and Manage the doctors and Overview patient database	High	Sprint-1

