

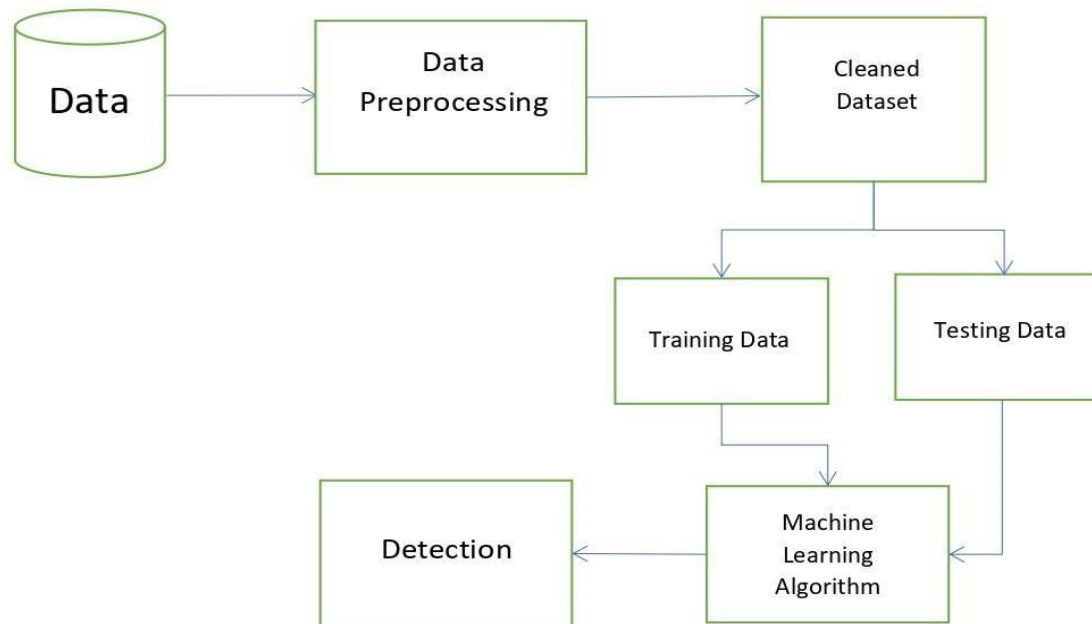
Project Design Phase-II

Data Flow Diagram & User Stories

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| Date | 19 October 2022 |
| Team ID | PNT2022TMID01260 |
| Project Name | Early Detection of Chronic Kidney Disease Using Machine Learning. |
| Maximum Marks | 4 Marks |

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual 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.



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 (Web user) | Registration | USN-1 | As a user, I can register for the diagnosis tool using my email and 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 diagnosis tool | 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 | I can register & access the dashboard with Gmail login. | Medium | Sprint-1 |
| | Login | USN-5 | As a user, I can log into the application by entering credentials | I can login and access past records. | High | Sprint-1 |
| | Dashboard | USN-6 | As a user, I can see my past records and activities | I can access the functionalities diagnosis tool | High | Sprint-3 |
| | Entry form | USN-7 | As a user, I must enter my pre-diagnostic test result. | I can use the form to input test results. | High | Sprint-2 |
| | Report | USN-8 | As a user, I can view the report generated by the tool | I can view negative or positive results produced after diagnosis. | High | Sprint-3 |
| Customer Care Executive | Queries | USN-9 | As a patient care executive, I must assist users that face problems | I will provide 24/7 support for the tool | Low | Sprint-4 |
| | Feedback | USN-10 | As a patient care executive, I should get input for the tools enhancement from the users. | I must work on improving tool's performance | Low | Sprint-4 |
| Administrator | Feature importance | USN-11 | As an administrator, I should identify the most significant factor that lead to chronic kidney disease. | I must identify the important features | High | Sprint-2 |
| | Train model | USN-12 | Ass an administrator, I must use the most suitable ML model for detection of chronic kidney disease. | I should efficiency train the ML model | High | Sprint-2 |

