**Project Design Phase-II**
**Data Flow Diagram & User Stories**

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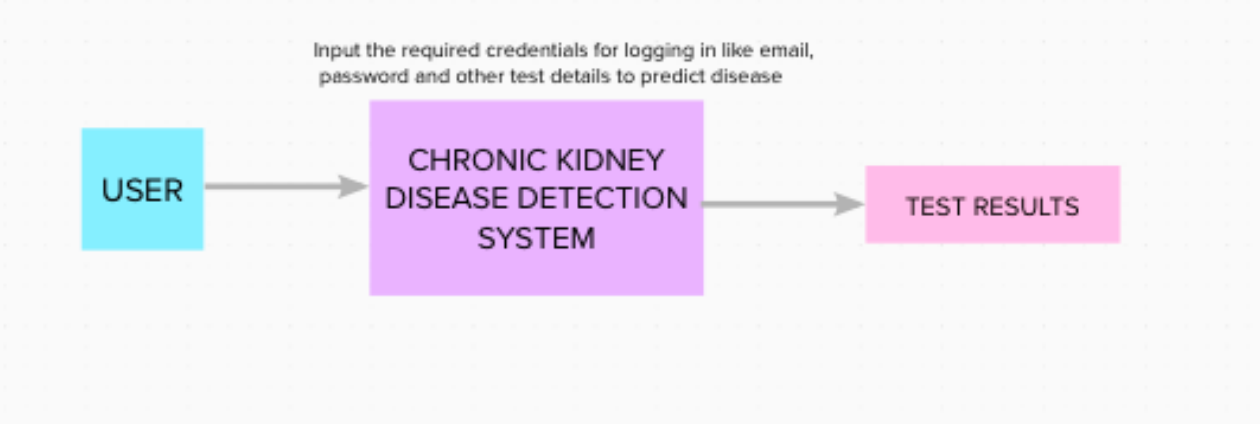
|---|---|
| Date | 15 October 2022 |
| Team ID | PNT2022TMID53276 |
| Project Name | Project – Early Detection of Chronic Kidney Diseases using Machine Learning |
| Maximum Marks | 4 Marks |

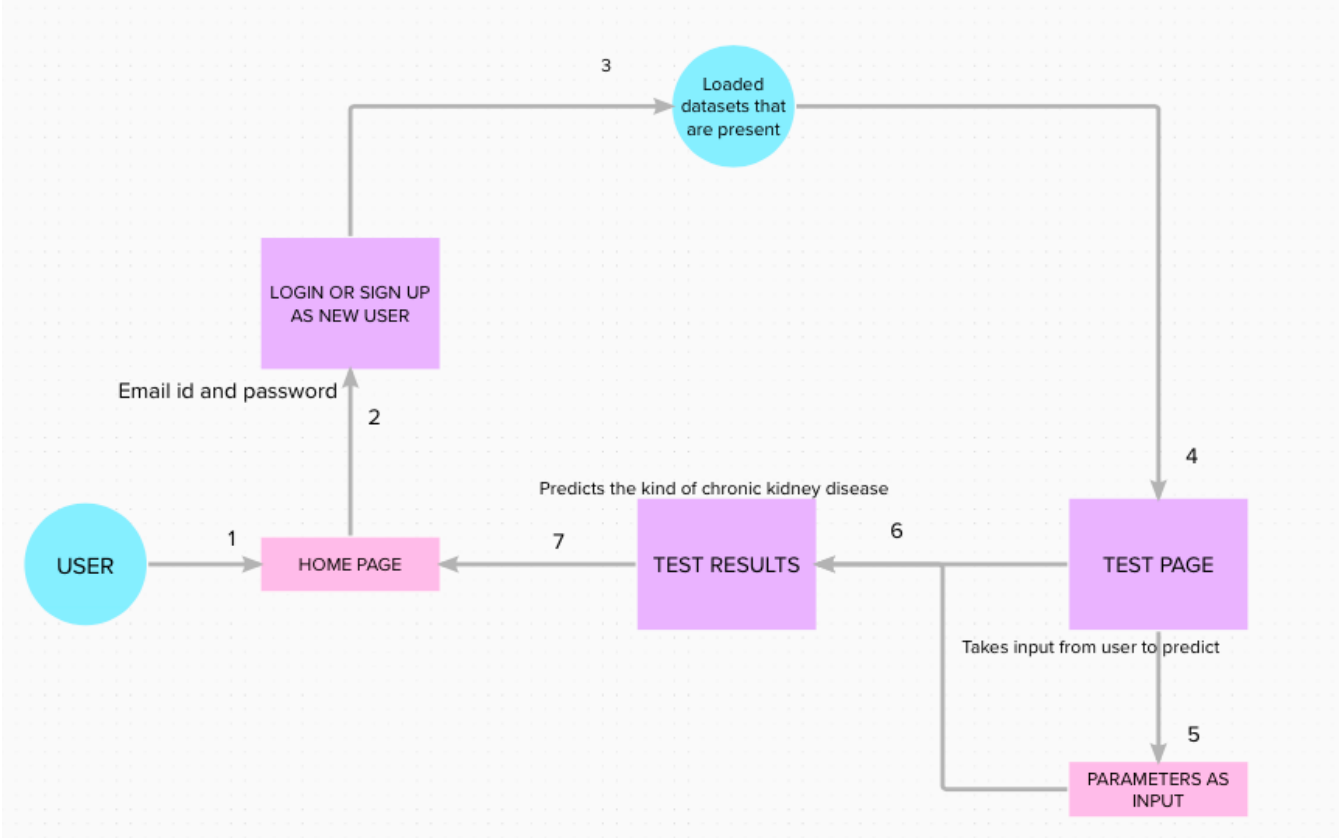
**Data Flow Diagrams:**

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.

**DFD LEVEL 0 ( INDUSTRY STANDARD)**


Input the required credentials for logging in like email, password and other test details to predict disease
USER
CHRONIC KIDNEY DISEASE DETECTION SYSTEM
TEST RESULTS

**DFD LEVEL 1**




**User Stories**

| User Type | Functional Requirement (Epic) | User Story Number | User Story / Task | Acceptance criteria | Priority | Release |
|---|---|---|---|---|---|---|
| Customer (Mobile user) | Home Page | USN-1 | Description of Chronic Kidney Disease | Homepage is viewed. I can access it | High | Sprint-1 |
| | | USN-2 | Information regarding hoe the test is conducted to predict | | High | Sprint-1 |
| | User Registration | USN-3 | As a user, I can register for the application using my email id and other person details that I provide | I can register & access the dashboard with email Login | Medium | Sprint-2 |
| | User Login | USN-4 | I can now login using my email and password | I have successfully logged in | Medium | Sprint-2 |
| | Test Credentials | USN-5 | Input Parameters are needed to predict the disease | I have access to this test credentials form | High | Sprint-4 Sprint -5 |
| | Results | USN-6 | Test results will be displayed | Results have been received successfully | High | Sprint-6 |
| | | | If the test results are positive and the user is suffering from a CKD, the necessary steps to go about treating them on what healthcare facilities to access etc will all be mentioned . Guided treatment throughout.<br><br>If the test results are negative and the user is free from CKD, it still shows preventive measures to be taken so that they don't get affected by it in the future. Information for caution is given. | Useful and result based information is displayed | Medium | Sprint-6 |