**PROJECT DESIGN PHASE-II**

**DATA FLOW DIAGRAMS AND USER STORIES**

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| Date | 11 October 2022 |
| Team ID | PNT2022TMID15455 |
| Project Name | Early Detection of Chronic Kidney Disease Using Machine Learning |
| Maximum Marks | 4 Marks |

Data Flow Diagram:

Data Pre-Processing

Data Acquisition

Data Collection

Selecting the best Machine Learning algorithm.

Predicted Output.

Performance Analysis.

Feature Extraction

Data Visualization

Training the model

Dataset splitting i.e., Training Dataset, Testing Dataset.

Applying Correlation

User Stories:

| **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 site by entering my email, password, and confirming my email id. | I can access my account and view the details. | High | Sprint-1 |
|  | Confirmation | USN-2 | As a user, I will receive confirmation email once I have registered for the site. | I can receive confirmation email & click confirm. | High | Sprint-1 |
|  | Login | USN-3 | As a user, I can login into the site by clicking onto the login link. | I can successfully login to the page and my details will be shown. | Low | Sprint-2 |
|  | Dashboard | USN-4 | As a user, I can access my dashboard. | I can modify the details in the dashboard. | Medium | Sprint-2 |
|  | Homepage | USN-5 | As a user, I can view the contact details and required information. | Based on user requirements,  Contents are categorized. | High | Sprint-3 |
| Customer Care Executive | Help | USN-6 | As a user, I can contact the site owner if I faced any issues. | Report issues option will be provided. | High | Sprint-3 |
| Administrator | Verification | USN | Administrator has a unique email id and password in order to access and organize the registered users. | Admin sign in option will be provided. | High | Sprint-2 |