FUNCTIONAL REQUIREMENT

PNT2022TMID23120

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| **FR NO** | **Functional Requirement (Epic)** | **Sub Requirement (Story/Sub-Task)** |
| 1 | User Registration | User should make registration through the login page |
| 2 | User Confirmation | User make sure to confirm the login through sms or mail |
| 3 | User Requirements | Create an account,recalculate data using a certain algorithm, and perform other actions. |
| 4 | Business Requirements | An Application allowing patient to identify Chronic kidney disease in around the time of 15 minutes. |
| 5 | User Authentication | Make the user to validate credentials through Password |
| 6 | User Authorization | Once the server receives a request with authorization, it can verify your credentials and grant youraccess to the resources. |

## Non-functional Requirements:

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| **FR**  **No.** | **Non- Functional**  **Requirement** | **Description** |
| NFR-1 | **Usability** | 1. Preventing loss of kidney disease. 2. Delaying oravoiding progression to kidney failure. |
| NFR-2 | **Security** | 1. Encrypt your data. 2. Focus the hosting service measure 3. Avoid security misconfigurations. |
| NFR-3 | **Reliability** | Result should be 99.99% accurate. |
| NFR-4 | **Performance** | Compare the data with symptoms to give results. |
| NFR-5 | **Availability** | It access at any time. |
| NFR-6 | **Scalability** | 1. Memory utilization. 2. CPU usage. 3. Networkinput/output. 4. Disk input/output. |