

Functional Requirements

FR No.	Requirement	Description
1.	User Registration	User register into the login portal using the username and password
2.	User Input	User selects the category that they want to visualize and give the inputs
3.	Visualization of data	The data provided will be analyzed and creative dashboards can be visualized by the user
4.	Report generation	Report will be generated based on the analysis and if high risk the user data will be provided to the nearby hospitals

Non - Functional Requirements

NFR No.	Non-Functional Requirement	Description
1.	Usability	The application will have a simple and user friendly graphical interface. Users will be able to understand and use all the features of the application easily. Any action has to be performed with just a few clicks and the portal will be active

		24hrs
2.	Security	For security of the application the technique known as database replication should be used so that all the important data should be kept safe. In case of crash, the system should be able to backup and recover the data
3.	Reliability	The application has to be consistent at every scenario and has to work without failure in any environment
4.	Performance	Performance of the application depends on the response time and the speed of the data submission. The response time of the application is direct and faster which depends on the efficiency of implemented algorithm
5.	Availability	The application has to be available 24 x 7 for users without any interruption
6.	Scalability	The application can withstand the increase in the no. of users and has to be able to develop Higher versions