Introduction:

In chapter 3 we aim to provide diagrams and a systematic review of MediCo analysis, exploring the main design features from the user experience perspective. We will cover the following:

1. Use Requirements.
2. Functional Requirements.
3. Non-Functional Requirements.
4. System Requirements.
5. Diagrams to explain all the previous points.

The aim of all of these is to facilitate the use of our system, and to meet user requirements.

Non – Functional Requirements:

* **Availability:**

Our website runs continuously 24/7 with minimum waiting time if connected to the internet.

* **Reliability:**

The website is monitored 24/7, so complete reliability exists.

* **Performance:**

The fast performance and ease of use with no hanging while scrolling.

* **Security:**

With user authentication, and restriction on data, and OTP when it’s required for full security experience.

* **Usability:**

With the ease of use, and the user-friendly UI, which makes it easy to interact with the website.

* **Extensibility:**

We can add new requirements and features whenever we know that it’s needed.

System Requirements

**• Operating System:**

The operating systems supported by Siren are Apple’s iOS and Google’s Android. Each of these platforms has minimum requirements that Siren meets to run on that system.

**• Screen Size:**

Our Website supports different screen sizes as it’s developed by Different languages including JavaScript that helps create responsive and adaptive websites.

*Responsive:* Relaying out the UI if the user resizes the window or changes the device orientation.

*Adaptive:* Adapting a website to run on a variety of device types, such as mobile and desktop and requires dealing with mouse and keyboard input as well as touch input.

**• Network Coverage:**

Network coverage has evolved tremendously in recent years, and there’s a good chance you have one or more options for reliable coverage in your area. (Wi-Fi, 3G,4G).