**2. Requirements Specifications:**

**2.1 Functional Requirements**

**Authentication Requirements:**

* The system allows admin to register users based on role specifications of each user.
* The system must allow users to log in to their accounts by using their username and password.

**Authorization Requirements:**

* Only Admin has the authority to create, edit and delete for every option provided in UI.

User specific Module:

* Admin can also add and edit hospital branches and doctor to list of hospital branches and doctors respectively.
* Admin can enroll patient details into patients list and delete his details later.
* Doctor can view the patient’s portal and check on the medicine’s availability. He can create appointment and add prescription to his patients.
* Patient can view the pending treatments allotted to him.

**2.2. Non-Functional requirements:**

For non-functional requirements we thought concentrating working on real time problems.

**Maintaining Database:**

* Backing-up Database from time to time.
* If any server crash occurs, then all the user data must be backed-up without any loss.

**User Security:**

* Encrypting user password such that no one can access it.
* Only authenticated user can do updates on their profile.

**User Flexibility:**

* Must work on any display with all resolutions.
* Even if user submitted with any network issues it should be submitted properly.