**Functional Requirements**

1. Authentication of a user when he/she tries to log into the system
2. Verification email is sent to user whenever he/she registers for the first time on the system
3. The system must allow users to reset their password by clicking “i forgot my password” and receiving a link to their verified email address.
4. The system must allow the system administrator to add new users, Office Assistants and Doctors
5. The system must have an dashboard that is appropriate for their role dashboard role for each user account type
6. The system should be able to send notification email to users
7. The system must allow online payments
8. The system must allow payment through the use if the office assistants
9. The system must be secure passwords must be hashed and data encrypted
10. The system must have a backup
11. The system should backup every 12 hours
12. The system should provide statistics to help in decision making

Customers

1. Customers can book to see a doctor.
2. Customers can cancel/postpone an appointment with the Doctor.
3. Customers can view history of their visits.
4. Customers can pay online

Doctors:

1. Doctors use the system during consultation, recording all that used to be recorded on paper. (Diagnosis, prescriptions, referrals, etc)
2. Doctors can make changes to a patient record.
3. Doctors can access history of their patients.

Office Assistants can

1. Reject/accept patient bookings
2. Print patient’s prescription.
3. Capture/record patient’s payment.
4. View statistics
5. Book for a customer – those who don’t have online access.
6. Cancel/postpone a patient’s appointment. The Doctor and the patient will receive an email notification.

System Administrator

1. Is the superuser