**DOCTOR APPOINTMENT BOOKING APPLICATION**

**Release – 1**

**(MVC Application)**

1. Doctor registration/login.
2. Update doctor details.
3. Delete doctor.
4. View Appointments.
5. Patient registration/login.
6. Update patient details.
7. Delete patient.
8. Book appointment.
9. Update appointment.
10. Delete appointment.

**STATUS - COMPLETED**

**Release – 2**

**(SPA Application)**

1. Migrate release – 1 functionalities to SPA.
2. Re-design/modify database.
3. Authentication/authorization of users.
4. Add profile pictures for doctor and patient.
5. Forgot password.
6. Doctor/Patient dashboard.
7. Medical reports uploading.
8. Payment details.
9. Multiple hospitals support.

* **Re-design/modify database**

-Existing database would not be enough to support the new functionalities.

-Designing database according to the new functionalities.

-Rectify database mistakes/errors done during the release 1 development.

* **Authentication/authorization of users**

-Add authentication functionalities for the registration of users (doctors and patient) to avoid registration of fake users.

-Integrate email/OTP technology while registration process.

-Maintaining sessions throughout the application.

* **Adding profile pictures**

-Add/insert profile picture for the doctor and patient during registration process.

-Save profile picture in the database.

-Updating the profile picture can also be done.

* **Forgot Password**

-This module is used when users forget password.

-Part of authentication module.

-Using email to reset password for the users.

* **Dashboard**

-Integrating a dashboard for the doctor as well as patient on their homepages.

-Includes charts.

-Dashboard contains various fields like details, appointments, feedbacks, etc.

* **Medical Reports Uploading**

-Patient can upload his/her previous medical reports for the consultation of doctors.

-saving the reports/files uploaded on the database.

* **Payment Details**

-This module is used to complete payments after booking the appointments.

-Payments will have another database.

-This module will include online card/UPI payment integration tech.

* **Multiple Hospitals Support**

-This module is used to provide hospitals where the doctors work.

-It is used for booking the appointments for offline consultations.