

**Project Proposal For**

XYZ Hospital

Project Name: Doctor Appointment System

**Submitted By:**

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**Submitted To:**

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**Introduction:**

This a proposal of development of a doctor appointment system for XYZ Hospital. In this proposal, we will discuss about all the feature we will have in this Web App. There will two type of user in this app- general user and admin. User will choose doctor to ask for an appointment. Admin will check the request and confirm it.

**About XYZ Hospital:**

This hospital is running for two years almost and doing well by serving good treatment. This hospital has different department for different disease and also has a lots of doctors in each department. This hospital specialized at cancer disease. Its focuses on cancer research.

**Front-end plan:**

* Home page
* Appointment Booking page
* Search result page
* Sign up/in page
* Available free doctor list page
* Doctor details page
* User profile page

**Back-end development:**

* User and Admin account

1. Sign up form.
2. Lon in.
3. Forget password.
4. MySQL Database

* Search

1. By location.
2. By specialization.
3. By doctor name

* Profile Management

1. User profile
2. Doctor profile

**General Users:**

**Appointment Booking:** User can book an appointment at their preferable time and date for a preferable doctor and chamber after login.

**Appointment management:** Users can manage their appointment. They can change or cancel the appointment**.**

**Past appointment:** Users can check their past appointments.

**Ratings and Reviews:** Users can give feedback to the doctors which will be shown in doctors profile in this website.

**Admin Users:**

**Manage appointments:** Admin can manage the appointments. They can confirm or decline the appointment request and cancel or reschedule the appointment.

**Manage Patient:** Admin users can manage users account. They can delete or ban a user form the website.

**Manage doctors:** Admins can create, edit and delete a doctor’s profile.

**Use Cases:**

**Use Case 1:** Appointment Booking: After entering website through login, user will see an option to see the doctor list. By clicking on this option user will see all details about doctor. There will be a button name Make Appointment. By clicking on this, user will be able make an appointment.

**Use Case 2:** Appointment management: There will be an option where user can see the details about the doctor appointment. They can cancel the appointment anytime they want just by clicking the cancel button.

**Use Case 3:** Past appointment: There will be an option to see the past appointment. If user click on this option, the website will take the user to past appointment list.

**Use Case 4:** Ratings and Reviews: In every doctors profile there will be an option to write about the doctor. After writing on the text field, just by clicking on the post button user will be able to post reviews about doctors. User will be able to rate the doctor.

**Use Case 5:** Manage appointments: Admin will have special account in the website. After logging in, admin will see option to manage appointments. By clicking on this option, admin can cancel, confirm appointments.

**Use Case 6:** Manage Patient: There will be another feature open to the admin. In this page of the website, admin can see the list of user. There will be button for deleting and banning user. Just by clicking them admin can delete or ban any user.

**Use Case 7:** Manage doctors: Admin will see another option called manage doctors. There will be multiple button to edit information about doctors. By using these feature, admin will be able to edit information about doctors.

**Rating Details: Admin users can manage the rating details.**

**Technologies/Tools:**

• Html  
•CSS  
•JavaScript  
•JQuery  
•PHP  
•Xampp

**Development Plan:**  
  
**Week 5**: Front end design with Html, CSS, JavaScript.  
  
**Week 6:** Backend Design with Html, CSS, JavaScript.  
  
**Week 7:** JQuery add on both frontend and Backend Design.  
  
**Week 8:** Database design.  
  
**Week 9:** Admin features development start.  
  
**Week 10:** Admin feature Development finished and Frontend features development start.  
  
**Week 11:** Frontend development finished.  
  
**Week 12:** Project submission.

**Collaboration Plan:**

**Project Proposal:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task** | **Majharul** | **Nasib** | **Nayeem** | **Saadat** |
| Intro & about |  | √ |  |  |
| Features | √ | √ | √ |  |
| Use Case | √ |  | √ |  |
| Development Plan | √ | √ |  |  |
| Technologies | √ |  | √ |  |
| Front & Back-End Plan | √ | √ | √ |  |
| Mock Up |  |  |  | √ |

**Frontend Design:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task** | **Majharul** | **Nasib** | **Nayeem** | **Saadat** |
| Home Page |  |  | √ |  |
| Doctor List | √ |  |  |  |
| About Page |  |  |  | √ |
| SignIn & SignUp |  | √ |  |  |

**Backend Design:**

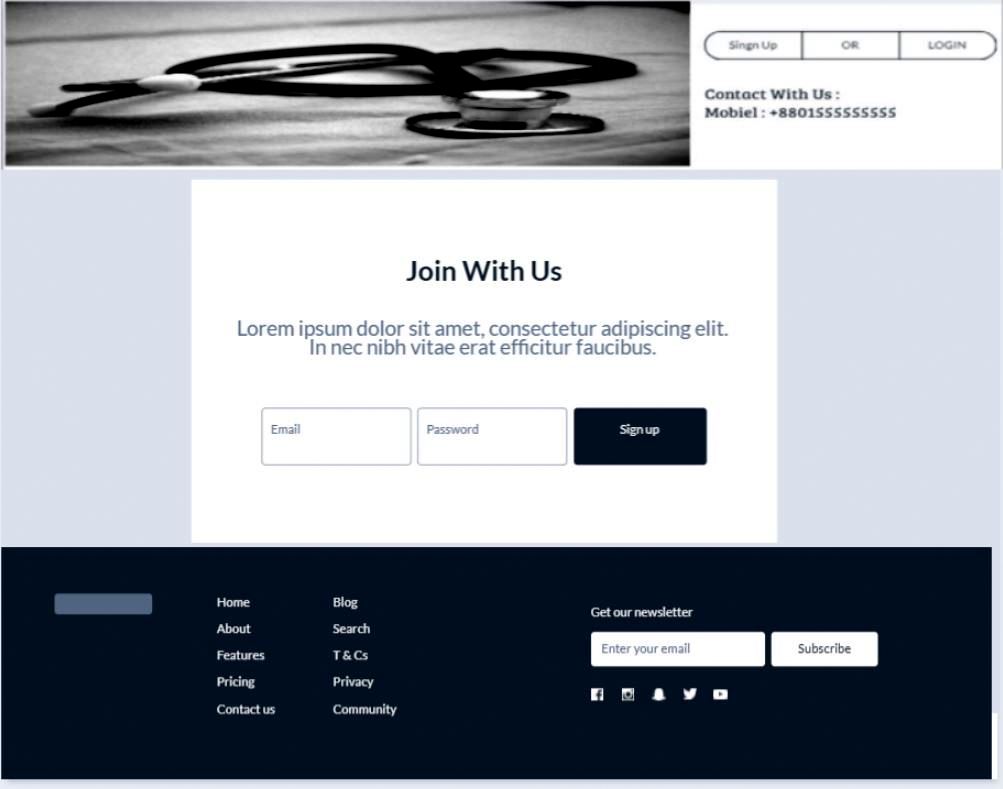
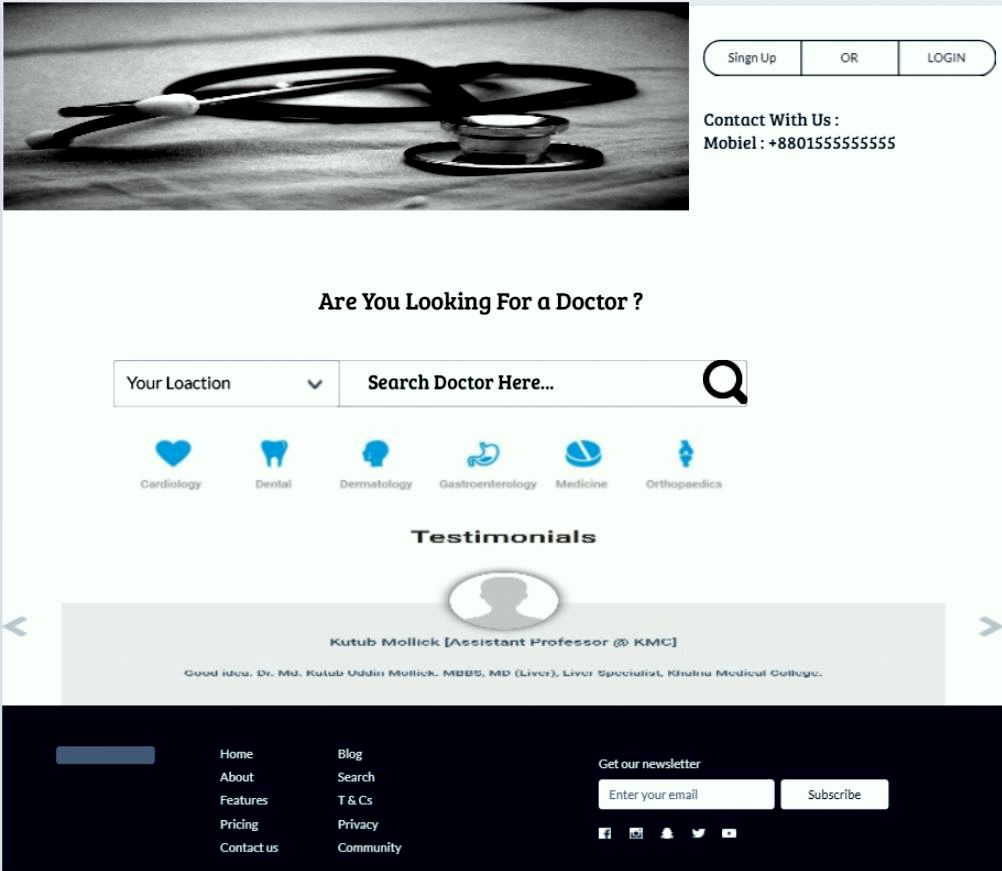
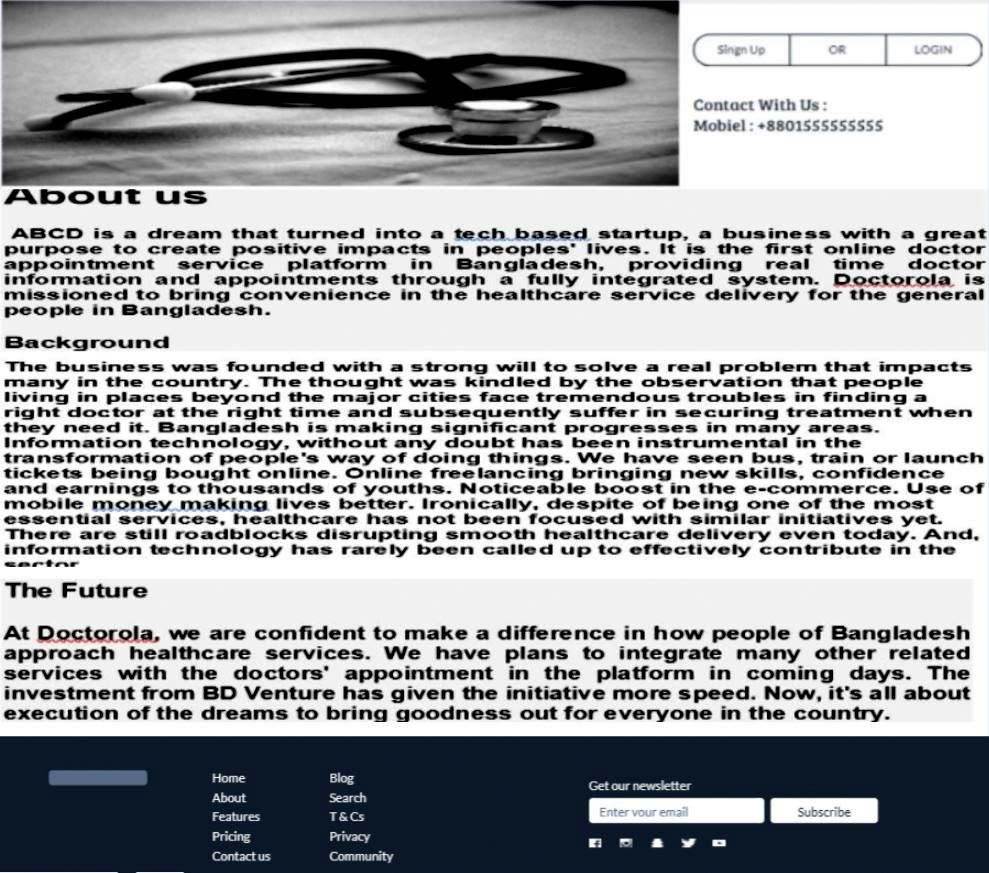
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task** | **Majharul** | **Nasib** | **Nayeem** | **Saadat** |
| Home Page |  |  | √ |  |
| Add Doctor Page | √ |  |  |  |
| Add Patient Page |  |  |  | √ |
| SignIn & SignUp |  | √ |  |  |

**Backend Development:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task** | **Majharul** | **Nasib** | **Nayeem** | **Saadat** |
| Add Doctor Page |  | √ |  |  |
| Add Patient Page |  |  |  | √ |
| Manage Appointment | √ |  |  |  |
| Notification |  |  | √ |  |
| SignIn & SignUp | √ |  | √ |  |

**Frontend Development:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task** | **Majharul** | **Nasib** | **Nayeem** | **Saadat** |
| Doctor Page |  | √ |  |  |
| Patient Page |  |  |  | √ |
| Track Appoinment | √ |  |  |  |
| Notification |  |  | √ |  |
| SignIn & SignUp |  | √ |  | √ |

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