North East University Bangladesh

Department of Computer Science and Engineering

Summer 2022

Course Code: CSE 300 Course Title: Project Work 2

**1) Basic Information:**

|  |  |  |
| --- | --- | --- |
| **Group Details** | **Student ID** | **Student Name** |
| 190303020001 | Md. Abdul Mutalib |
| 190303020008 | Shahriar Hussain |
| 190303020009 | Kopil Das |
| **Project Title** | Doctor Appointment System | |

**2) User Roles:**

|  |  |
| --- | --- |
| **User Types** | **Description** |
| Unregister User | We refer to people who are not logged in as unregistered users. They can view the profiles of the doctors and other sections. But they cannot book appointment. |
| Patient | They can create their profile and also visit the profiles of the doctors and other sections. They can book appointment also. |
| Doctor | Doctor can create their profile. They can update their biodata. |
| Admin | The administrator will accept any attempts by non-registered users to create profiles or log in to the website. The administrator will control all of our website's activities and features. |
|  |  |
|  |  |
|  |  |

**3) User Story Planning:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Task Number** | **User Stories** | **Responsible** | **Deadlines** |
|  | Unregister user can visit the landing page & also can visit the doctor’s profile. |  |  |
|  | Registered user can update the. That user can book an appointment of a doctor. He can update his profile. |  |  |
|  | The patient and doctor can create their profile. After successfully registration, they will be able to login in the website. And they can update their profile information. |  |  |
|  | Any non-registered users and doctors may be approved by the admin. The website's administrator has full access and can change any user information. Admin can delete any user or doctor’s profile. |  |  |
|  | There will be several categories of the doctor. The patient can view department wise doctor list. |  |  |
|  | By using the doctor service, the patient can give rating to the doctor. They can search the top-rated doctor profile. |  |  |
|  | While fileting the doctor’s, the patient can find nearby doctor’s by comparing patient location. |  |  |
|  | In the doctor’s profile, there will show a number that has been booked by the patient and by clicking patient ID doctor can visit that patient profile. |  |  |
|  | There will be a landing page where patient can see top rated doctor’s time schedule. |  |  |
|  | The patient will get a notification after booking the appointment. The notification can be sent through the mail. |  |  |
|  | The patient can get the appointment information from the doctor. |  |  |
|  | The patient can communicate with a doctor or a service agent. |  |  |
|  | In case of emergency, the patient can take appointment immediately. |  |  |
|  | The patient can provide review according to the doctor service. |  |  |
|  | When a user not well known to the system of our site. These, user can easily take appointment by submitting an appointment form. |  |  |
|  | In the FAQ section, the user can get his desired question answered. |  |  |
|  | After taking the appointment, the patient will pay the appointment cost. |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**4) The Product Backlog:**

|  |  |  |
| --- | --- | --- |
| **Story Number** | **User Story** | **Acceptance Tests** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

By giving his blood pressure (BP), diabetes, heart beat data daily to our website for the prediction of the