**Bangladesh Eye Hospital**

**Milestone 1**

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**Users/Entities**

1. Admin
2. Doctor
3. Patient
4. Receptionist
5. Accounts Manager

**Objectives:**

**Admin**

**Admin can view login interface in the website homepage and can login using their ID and password. After successfully logged in, admin will see the admin panel.**

**Goal 1 Admin can view transactions**

* Admin has to login by selecting “Admin” button in login interface, if logged in it will redirect to Admin Panel
* Admin can select “View Transaction” button in Admin Panel and it will redirect to Transactions Panel
* Transactions Panel shows patient ID
* Transactions Panel shows Billing Receipt of individual Patient ID
* Transactions Panel shows date and time of transaction of individual patient ID

**Goal 2 Admin can generate user information**

* Admin has to login by selecting “Admin” button in login interface, if logged in it will redirect to Admin Panel
* If logged in Admin can select “User Information” button in Admin Panel and select “Employee Information”
  + by selecting it admin will have the option buttons: “Doctor Information”, “Receptionist Information”, “Patient Information” and would be able to select it
* Selecting “Doctor Information” will generate Doctor’s ID, name and their respective schedules in 12 hour time format
* Selecting “Receptionist Information” will generate Receptionist’s ID and their respective schedules in 12 hour time format
* Selecting “Patient Information” will generate Patient’s ID and their respective appointment schedules in 12 hour time format

**Goal 3 Admin can delete user module**

* Admin has to login by selecting “Admin” button in login interface If logged in it will redirect to Admin Panel
* Admin can select “Edit User Information” in Admin Panel which will generate option buttons: “Doctor Module”, “Receptionist Module”, “Patient Module”
* Admin can open Doctor Module by selecting it which will generate doctor’s information
  + Admin can select the doctor he/she wants to delete and press the Delete button to remove particular employee
* Admin can open Patient Module by selecting it which will generate Patient’s Information
  + Admin selects the Patient he/she wants to delete and press the Delete button to remove particular patient
* Admin can open Receptionist Module by selecting it which will generate Receptionist’s Information
  + Admin selects the Receptionist he/she wants to delete and press the Delete button to remove particular receptionist

**Goal 4 Admin can add employee module**

* Admin has to login by selecting “Admin” button in login interface which If logged in it will redirect to Admin Panel
* In Admin Panel there is a button for “Add Employee”
* Clicking Add Employee button will bring the Admin to Employee Information panel where he/she can insert all the Employee Information in fields which take inputs named: Name, Age, Position (Doctor/Nurse/Receptionist), Schedule Times
* Admin has to click Submit button to add the employee information on database

**Goal 5 Admin can solve patient disputes**

* Admin has to login by selecting “Admin” button in login interface which If logged in it will redirect to Admin Panel
* In Admin Panel admin can select “Patient Disputes” which will open “Patient Disputes” module
* In this module Patient ID and their respective dispute statement where for each there is an option “Reply” and “Send to Doctor”
* Selecting “Reply” option, will open window to type solution, and then press Send
* Selecting “Send to Doctor” will open window of Doctor Module where admin can select the directed Doctor and click Send to send the information of the patient with his/her dispute statement

**Doctor  
  
Doctor can view login interface in the website homepage and can login by selecting “Employee” option in the interface using their ID and password. After successfully logged in, doctor will see Doctors Dashboard.**

**Goal 1 Manage patient and updating**

* Doctor has to login by selecting “Doctor” button in login interface which If logged in, will redirect to Doctor Dashboard
* In this dashboard, doctor can select the “Manage Patient” button and it will redirect to page which shows patients ID and their respective appointment time requests
* Doctor can select each patient ID which will generate two option buttons: Accept and Decline
* If doctor is available, doctor can press Accept and it will update the doctor’s database and send information to the patient’s ID
* If doctor unavailable, doctor can press Decline and send the information to patient’s ID

**Goal 2 View patient record**

* Doctor has to login by selecting “Doctor” button in login interface which If logged in, will redirect to Doctor Dashboard
* In dashboard, doctor can select “Patient Records” this will redirect to Patient Information Module
* In the module, patient’s id is recorded when patient assigns to the particular doctor
* Doctor can select patient’s id and view patient information provided by the patient such as name, age, eye problem, diagnosis.

**Goal 3 Create prescription for patient**

* Doctor has to login by selecting “Doctor” button in login interface which if logged in, will redirect to Doctor Dashboard
* In dashboard, doctor can select “Patient Records” this will redirect to Patient Information Module
* In the module doctor can select patient’s ID which will redirect to individual patient’s information where there is a button “Create Prescription”
* Doctor can select “Create Prescription” button which will lead to a form where doctor can type in the inputs in the blank fields: Medicine Name, Medicine Mass (mg), Time
* After filling the informations, doctor will then be able to press Create button and then click Submit
* Clicking Submit option will send information to that patient’s ID and will be recorded in Doctor Module database

**Goal 4 Create operation report**

* Doctor has to login by selecting “Doctor” button in login interface which If logged in, will redirect to Doctor Dashboard
* In dashboard, doctor can select “Patient Records” this will redirect to Patient Information Module
* In the module doctor can select patient’s ID which will redirect to individual patient’s information where there is a button “Create Operation Report”
* Doctor can select this button which will lead to a form where doctor can type in the inputs in the blank fields: Patient Name, Age, Surgery Name, Surgery Time, Surgery Result
* After filling the informations, doctor will then be able to press Create button and then click Submit
* Clicking Submit option will send information to that patient’s ID and will be recorded in Doctor Module database

**Goal 5 Manage own profile**

* Doctor has to login by selecting “Doctor” button in login interface which If logged in, will redirect to Doctor Dashboard
* Doctor can select “Manage Profile” option in dashboard which will redirect to Doctor Information Module
* In this module Doctor Name, Age, Position, Specialism, Schedules can be viewed, beside each field there is Edit button
* Doctor can click the Edit button and insert inputs into the selected field
* Then doctor will have to click Save button to update the new inputs into the database
* Doctor can re-edit the module and every time Doctor changes “Schedule” notification will be sent to Receptionist Dashboard

**Patient  
  
Patient can view login interface in the website homepage and can login by selecting “Patient” option in the interface using their ID and password. After successfully logged in, patient will see Patients Dashboard.**

**Goal 1 View Doctor’s Information**

* Patient has to login by selecting “Patient” button in login interface which when logged in, will redirect to Patient Dashboard
* In Patient Dashboard, patient will be able to see Doctor Schedules option
* Patient can click the option which will open a page which has Doctors Name and their respective appointment timings listed

**Goal 2 View prescription details**

* To see the patients prescriptions given by their doctors, patient has to login to the web page
* Patient will be able to see the Patient Dashboard where they can click on “Prescriptions”
* Clicking on will redirect to Prescription Viewing page where if the doctor sent prescription details to particular Patient Module database it will show in this page for that particular patient
* Patient can view in this page: Medicine Name, Medicine Mass (mg), Time

**Goal 3 View operation history**

* Patient has to be logged in to view Patient Dashboard
* Here patient can click on the “Operation History” button which will take them to Operation History page
* Patient can view: Patient Name, Age, Surgery Name, Surgery Time, Surgery Result

**Goal 4 View admit history**

* To view admission history patient has to logged in to the webpage and can view their dashboard
* Dashboard contains “Admit History” option
* This option when clicked by the patient, he/she will taken to another page “Admit History”
* In this page, patient can view: Patient Name, Age, Admission Time, Release Time, Bed No., Ward No., Surgery Name, Surgery Time

**Goal 5 **

**Edit Make appointments for both visit and stays**

* After successful login from website, patient will be taken to Dashboard
* Here, patient is given the option “Make Appointments”
* Clicking this item will give the patient two option: “Stay”, “Visit”
* If Stay is clicked, a form will open where inputs can be typed in by the patient in specific blank fields
* In the form it can take inputs of: “Patient Name”, “Age”, “Surgery Name”, “Appointed Doctor Name”, “Date of Stay”
* Patient then can click Submit button and wait for confirmation
* If Visit is clicked, a form will open where inputs can be typed in by the patient in specific blank fields
* The form can take inputs of: “Name” “Age” “Eye Problem” “Problem Details” “Name of Doctor to be visited” “Appointment Time
* After filling the form, patient can select submit and has to wait for confirmation to get from mentioned doctor’s appointment

**Receptionist  
  
Receptionist can view login interface in the website homepage and can login using their ID and password. After successfully logged in, Receptionist will see the Receptionist Dashboard.**

**Goal 1 View patient booking**

* After logging in the website by selecting “Receptionist” option in interface and getting into Dashboard, receptionist will be able to see the option “Booking Records”
* Receptionist can click the option and it will redirect to the page which has database recorded
* Here, the database holds record of Patient ID and that ID’s appointment times in Day, DD/MM/YY time format
* Appointment Time is given both for Stay and Visit for the patient’s ID
* If Patient hasn’t made booking for stay or appointment for visit to doctor the field will show “none”

**Goal 2 Allot bed, and ward for patients**

* Receptionist has to be logged in to view the Dashboard by selecting “Receptionist” option
* Receptionist can now be able to select “Allot Bed for Patient” button
* When clicking this item, receptionist is directed to a page where they can see the patient IDs who has requested for Booking for Stay
* After selecting the Patient’s ID, receptionist has to select “Check Availability Chart” where when clicked receptionist can view already assigned patient admissions
* Receptionist can select the time and day in the chart where there is availability for admission
* After selection of the day and time receptionist can put red mark on chart
* Receptionist can then type bed no under “Assign Bed No.”, ward no under ”Ward No.”
* Then Submit button can be clicked and the information will be sent to Patient’s Module and Availability Chart will be updated
* When discharged, Receptionist can select Availability Chart and put green mark on chart

**Goal 3 Notify Doctor for patient booking**

* After logging in the website by selecting “Receptionist” option in interface and getting into Dashboard, receptionist will be able to see the option “Patient Visit Booking”
* Selecting this item will redirect to a page where Receptionist can see bookings made by each patient’s ID and their request for visit appointments with specific doctor
* Receptionist can check in “Doctor’s Appointment Schedules” option in the same page and check for available times for the specific doctor
* Then, assign the available time in “Date and Time” option and press “Accept and Send”
* The data will be sent to Patient’s Module  
    
  **Goal 4 View doctor’s re-schedule message**
* Receptionist must be logged in to view the Dashboard by selecting “Receptionist” option
* Receptionist Dashboard can get notification when Doctor edits his/her profile and changes Schedule
* Notification comes in text “Doctor \*ID\* has changed schedule”

**Goal 5 Send patient for re-schedule booking**

* Receptionist must be logged in to view the Dashboard by selecting “Receptionist” option
* Receptionist Dashboard can get notification when Doctor edits his/her profile and changes Schedule
* Notification comes in text “Doctor \*ID\* has changed schedule”
* The notification text can be pressed which will redirect to Patients Appointment with that specific doctor
* It will show “Reschedule” button which can be pressed and a notification will go to Patient Module with the date and time

**Accounts Manager  
  
Accounts Manager can view login interface in the website homepage and can login by selecting “Accountant” option in the interface using their ID and password. After successfully logged in accounts manager will see** **Accounts Manager Dashboard.**

**Goal 1 View transaction of appointment fee made by patients**

* After login to the webpage and into the Dashboard
* Under Appointment Transaction option
* Account can view all the transaction history
* By selecting a transaction account can see the details of transaction in a new webpage of all the Patient ID
* Manager can select each Patient ID and edit new transactions of specific Patient ID
* Manager can create new transaction information by adding new patients and edit transaction amount of visit made by the patient
* Accounts also can print the details with print button

**Goal 3 View transaction record of operation fee made by patients**

* After login to the webpage and into the Dashboard
* Under Operation Transaction option
* Account can view all the transaction history
* By selecting a transaction account can see the details of transaction in a new webpage
* Manager can edit new transactions of specific Patient ID
* Manager can create new transaction information by new adding patients and edit transaction amount of visit made by the patient
* Accounts also can print the details with print button

**Goal 2 Manage website ad fee**

* Accounts have to login to the system with id and password
* Accounts can view Dashboard
* Under “Ads Manage” menu, accounts can view the ads name and their billings
* Accounts can also print each bill by clicking “Print Bill”

**Goal 4 Update employee salary status**

* Accounts have to login to the system with id and password
* Under employee menu
* There will be a salary status button to update the salary status to paid for receptionist or doctor
* Submit button will save the employee (doctor/receptionist) information
* Accounts have to logout with logout button

**Goal 5 Generate report of appointments and bookings**

* Manager has to be logged in to view the Dashboard
* In the Dashboard there will be a Report menu
* Inside the report menu there will be few options
* Clicking on Monthly report will generate monthly report of appointments and bookings based on the selected month
* Clicking on Yearly report will generate yearly report of appointments and bookings based on the selected year
* There will be a download button to download the report