

Department of Computer Science

Mid Term Project Proposal, Fall 2022-2023

Course Title	WEB TECHNOLOGIES	Section	E
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Group Members:

Student ID	Name	Signature
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20-43780-2	Iftakhar Ahmed Chowdhury	Iftakhar
20-43453-1	Md. Jahid Hossen	Jahid

Project Title:

E-Hospital

Short Description:

Users of Our System	
❖ Admin	
❖ Doctor	
❖ Staff Members:	<ul style="list-style-type: none">• Receptionist• Nurse• Accountants• Laboratory Helpers• Pharmacist
❖ Patient	

System Functionalities		Users
i. Login		All Users
ii. Registration		Patient
iii. Logout		All Users
iv. Homepage		All Users
v. Password Recovery		All Users
vi. Help Desk: <ul style="list-style-type: none"> ❖ Patient Related: <ul style="list-style-type: none"> i. Bed Allotment ii. Admission Details iii. Payment Details iv. Discharge Details ❖ Doctor Related: <ul style="list-style-type: none"> i. OP Clinic Details ii. Appointment Details iii. Operation Schedules 		1.Staff Members (Receptionist) 2.Doctor 3.Patient
vii. Payroll Management: <ul style="list-style-type: none"> i. Salary Slip 		1.Staff Members (Accountants) 2.Admin
viii. Outpatient Management: <ul style="list-style-type: none"> i. Medical Alerts Details ii. Diagnosis Details iii. Patient Diet Chart iv. Patient Appointments v. Weekly Schedule Summary 		1.Staff Members (Nurse) 2.Staff Members (Doctor)
ix. Inpatient Management: <ul style="list-style-type: none"> i. Admission Approval ii. Admission Cost Estimation iii. Expected Date and Time of Discharge iv. Surgery Scheduling Details 		1.Admin 2.Staff Members (Doctor) 3.Staff Members (Accountant) 4.Staff Members (Nurse)
x. Pharmacy & Inventory: <ul style="list-style-type: none"> i. Stock Management ii. Stock Control iii. Purchase 		1.Staff Members (Pharmacist) 2.Staff Members (Accountant)
xi. Billing: <ul style="list-style-type: none"> i. Payment Modes ii. Sponsorship Details iii. Patient Billing Details iv. Installment v. OTP for verification 		1.Staff Members (Accountants) 2.Admin
xii. Electronic Medical Record: <ul style="list-style-type: none"> i. Patient Medical History & Details 		1.Patient 2.Staff Members (Accountants)

ii. Billing Details	3.Staff Member (Receptionist)
xiii. Laboratory Management: <ul style="list-style-type: none"> i. Sample Result Entry ii. Test Report Entry iii. Result Range for Test iv. Sample Details v. Investigation Request 	1.Staff member (Lab helpers)
xiv. Hospital Record: <ul style="list-style-type: none"> i. Delivery and Birth Record ii. Death Record iii. Electric Bill iv. Payroll Record v. Inventory Record vi. Patient Database vii. Staff Member Database viii. Sponsorship 	1.Admin
xv. Review and Experience: <ul style="list-style-type: none"> i. Star Based Rating ii. Comment about Experience 	1.Admin 2.Patient