**Department of Computer Science**

Mid Term Project Proposal, Fall 2022-2023

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| Course Title | WEB TECHNOLOGIES | Section | E |

**Group Members:**

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| --- | --- | --- |
| Student ID | Name | Signature |
| 20-43774-2 | Sriman Dhar | Sriman |
| 20-43780-2 | Iftakhar Ahmed Chowdhury | Iftakhar |
| 20-43453-1 | Md. Jahid Hossen | Jahid |

**Project Title:**

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| E-Hospital |

**Short Description:**

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| **Users of Our System** |
| * Admin---Sriman |
| * Doctor--jahid |
| * Staff Members: * Receptionist---sriman * Nurse------sriman * Accountants--IAC * Laboratory Helpers---Jahid * Pharmacist--IAC |
| * Patient-- IAC |

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| **System Functionalities** | **Users** |
| 1. **Login ---IAC** | **All Users** |
| 1. **Registration--IAC** | **Patient** |
| 1. **Logout---IAC** | **All Users** |
| 1. **Homepage---IAC( COMMON)** | **All Users** |
| 1. **Password Recovery ---IAC** | **All Users** |
| 1. **Help Desk: ----SRIMAN**  * Patient Related:  1. Bed Allotment 2. Admission Details 3. Payment Details 4. Discharge Details  * Doctor Related:  1. OP Clinic Details 2. Appointment Details 3. Operation Schedules | **1.Staff Members (Receptionist)**  **2.Doctor**  **3.Patient** |
| 1. **Payroll Management:--IAC** 2. Salary Slip | **1.Staff Members (Accountants)**  **2.Admin** |
| 1. **Outpatient Management:---JAHID** 2. Medical Alerts Details 3. Diagnosis Details 4. Patient Diet Chart 5. Patient Appointments 6. Weekly Schedule Summary | **1.Staff Members (Nurse)**  **2.Staff Members (Doctor)** |
| 1. **Inpatient Management:---JAHID**   Admission Approval  Admission Cost Estimation  Expected Date and Time of Discharge  Surgery Scheduling Details | **1.Admin**  **2.Staff Members (Doctor)**  **3.Staff Members (Accountant)**  **4.Staff Members (Nurse)** |
| 1. **Pharmacy & Inventory:--IAC** 2. Stock Management 3. Stock Control 4. Purchase | **1.Staff Members (Pharmacist)**  **2.Staff Members (Accountant)** |
| 1. **Billing:---IAC** 2. Payment Modes 3. Sponsorship Details 4. Patient Billing Details 5. Installment 6. OTP for verification | **1.Satff Members (Accountants)**  **2.Admin** |
| 1. **Electronic Medical Record:** 2. Patient Medical History & Details 3. Billing Details | **1.Patient**  **2.Staff Members (Accountants)**  **3.Staff Member (Receptionist)** |
| 1. **Laboratory Management: JAHID** 2. Sample Result Entry 3. Test Report Entry 4. Result Range for Test 5. Sample Details 6. Investigation Request | **1.Staff member (Lab helpers)** |
| 1. **Hospital Record:---SRIMAN** 2. Delivery and Birth Record 3. Death Record 4. Electric Bill 5. Payroll Record 6. Inventory Record 7. Patient Database 8. Staff Member Database 9. Sponsorship | **1.Admin** |
| 1. **Review and Experience:---SRIMAN** 2. Star Based Rating 3. Comment about Experience | **1.Admin**  **2.Patient** |