**Department of Computer Science**

Mid Term Project Proposal, Fall 2022-23

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| Course Title | WEB TECHNOLOGIES | Section | I |

**Group Members:**

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| Student ID | Name | Signature |
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**Project Title:**

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| Hospital Management System (HMS) |

**Short Description:**

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| **Common Features for All User Category:**   1. Login/Sign in 2. Registration/Signup 3. Forget Password 4. Change Password 5. Profile (Update + View) 6. Logout   **There are 4 different roles:**   1. Admin 2. Doctor 3. Pharmacist 4. Patient   **Admin:**   1. Manage Patients (Update + View + Delete) 2. Manage Doctors (Update + View + Delete) 3. Manage Blood Donors (Add + Update + View + Delete) 4. Manage Pharmacist (Add + Update + View + Delete) 5. Process Ambulance Request 6. Access Dashboard   **Doctor:**   1. View patient details 2. Manage appointment details (Update + View + Delete) 3. Prescribe prescriptions online 4. Send custom notifications to all patients 5. Monitor patients’ health condition (All data will be provided by the patients daily) 6. Share the prescription with the pharmacist automatically   **Patient:**   1. View and book doctor’s appointment 2. View prescription 3. Call ambulance 4. See blood donors list 5. Update health status (sleeping hour, heart rate, exercise time, water drinking etc.) every day 6. Medicine reminder   **Pharmacist**:   1. View prescriptions. 2. View Patient details 3. Handle medicine stock (Add + Update + View) 4. Sales of medicine 5. Keep track of supplied medicines for each patient 6. Automatic price calculation and invoice system |