

DBMS PROJECT HOSPITAL DATABASE MANAGEMENT

A Project Submitted
in Partial Fulfilment of the Requirements for
the Degree of
Bachelor of Technology
in
Computer Science

Submitted by: -
Vamsi Vignesh

Siva Bhadra Sai Vaibhav Kedariseti

Manish Kumar

Aman Khatri

Gonuguntla Udaya Kiran



**BML MUNJAL
UNIVERSITY™**

SCHOOL OF ENGINEERING AND TECHNOLOGY
BML MUNJAL UNIVERSITY GURGAON
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Hospital Database Management

- 1) Department info(**department_info**)
- 2) Doctors info(**doctor_info**)
- 3) Nurse info(**nurse_info**)
- 4) Patients info(**patient_info**)
- 5) Security info(**security_info**)
- 6) Board Members info(**board_members_info**)
- 7) Receptionist info(**receptionist_info**)
- 8) Identity proof info(**identity_proof_info**)
- 9) Research info(**research_info**)

- 1) **Department info:-** D_id(**primary key**),Department_name(**not null**)
- 2) **Doctors info:-** Doctor_id(**primary key**),Doctor_name(**not null**),r_qualif(**not null**),Doctor_dob,Doctor_gender(**not null**),D_id(**Foreign Key reference department info**)(**not null**),id_proof(**Foreign key reference Identity proof info**),Research_id(**Foreign Key reference Research info**)
- 3) **Nurse info:-**Nurse_id(**primary key**),Nurse_name(**not null**),D_id(**Foreign key reference department info**),Nurse_dob,id_proof(**Foreign key reference identity proof info**)
- 4) **Patients Info:-**Patient_id(**primary key**),Patient_name(**not null**),Patient_dob,Patient_gender(**not null**),id_proof(**not null**),Doctor_id(**Foreign key reference doctors info**)(**not null**)
- 5) **Security info:-** security_id(**primary key**),security_name(**not null**),security_gender(**not null**),id_proof(**foreign key reference identity_proof_info**)(**not null**)
- 6) **Board members info :-** Doctor_id(**Foreign key reference doctor info**)(**not null**),Postition_role(**not null**)
- 7) **Receptionist info:-**R_id(**primary key**),R_name(**not null**),R_dob,id_proof(**Foreign key reference identity_proof_info**)
- 8) **Identity proof info:-** id_proof(**primary key**),id_proof_name(**not null**)
- 9) **Research info:-** Research_id(**primary key**),Research_name(**not null**),D_id(**Foreign key, reference department info**)(**not null**)

Department table:-

- 1) Accident and Emergency Care
- 2) Cancer Care
- 3) Cardiology
- 4) Cardiothoracic Vascular Surgery
- 5) Gastrointestinal Science
- 6) Laparoscopic Surgery
- 7) Nephrology
- 8) Neurology
- 9) Organ transplant
- 10) Orthopaedics
- 11) Urology

- 12) General Medicine and Diabetology
- 13) Neurosurgery(Brain and Spine Center)
- 14) Neonatology
- 15) ENT
- 16) Radiology

Research Areas:-

- 1) Heart Rhythm and Arrhythmias 3
- 2) Preventive Cardiology 3
- 3) Interventional Cardiology 3
- 4) Cell-Based Therapy 2
- 5) Best Endovascular vs Best Surgical Therapy in patients with critical limb Ischemia 4
- 6) A review of Laparoscopic Vesico-Vaginal Fistula Repair 6
- 7) Clinical nephrology 7
- 8) Diabetes and the Kidney 7
- 9) Brain Tumor 8
- 10) Brain Development 8
- 11) Donation after cardiac death 9
- 12) Implantable sensor technology 10
- 13) Prostate cancer 11
- 14) Biomarkers 11
- 15) Muscular Dystrophy 13
- 16) Neonatal Pneumonia 14
- 17) Hearing and Deafness 15
- 18) Voice and Speech 15
- 19) Chest radiology 16
- 20) Breast imaging 16