***THE SUPERIOR UNIVERSITY***

**COMPUTER NETWORKINGS**

**LAB TASK 10**

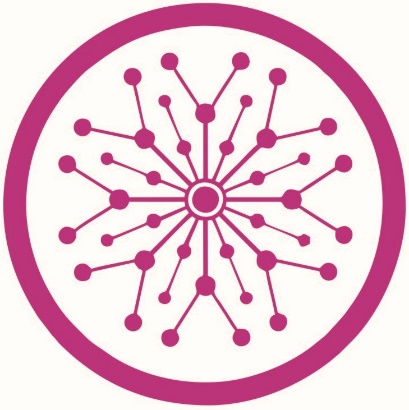
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***GOLD CAMPUS, 7 KM MAIN RAIWIND ROAD LAHORE***

**Deliverables Document for Hospital Management System**

**1. Organization Name**

**Name:** City Care General Hospital

**2. Number of Floors of the Organization**

**Number of Floors:** 5 Floors

* **Ground Floor:** Reception, Emergency, and Pharmacy
* **1st Floor:** Outpatient Department (OPD) and Diagnostic Labs
* **2nd Floor:** Inpatient Rooms and Intensive Care Unit (ICU)
* **3rd Floor:** Operation Theaters and Recovery Rooms
* **4th Floor:** Administrative Offices and Meeting Rooms

**3. Number of PCs / Servers in the System**

* **PCs:**
  + **Reception Desk:** 5 PCs
  + **Emergency Department:** 3 PCs
  + **OPD Rooms:** 15 PCs (1 per room)
  + **Diagnostic Labs:** 10 PCs
  + **Inpatient Services:** 10 PCs
  + **Operation Theater Control:** 5 PCs
  + **Administrative Offices:** 8 PCs
  + **Pharmacy:** 4 PCs

**Total PCs:** 60 PCs

* **Servers:**
  + **Database Server:** 1
  + **Web Application Server:** 1
  + **Backup Server:** 1

**Total Servers:** 3

The hospital management system should account for efficient PC-server communication, ensuring secure storage and retrieval of patient data. It should also support role-based access for doctors, nurses, and administrative staff.