



## **Task no : 10**

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**Section = 5B**

**Course = Computer Network**

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## Discussion About Project

### *Lab 10 - Task*

#### **Task 1;**

Research about Topics for Project and submit a deliverables document having:

- Organization Name
- Number of Floors of the Organization
- Number of PC / Server in the system

## **Answer :**

### **University Management System**

#### **1. Organization Name**

Superior University City Campus

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

The organization comprises 3 floors:

- Ground Floor: Administrative Offices, IT Department

- First Floor: Classrooms and Faculty Offices
- Second Floor: Library and Labs

### **3. Network Infrastructure**

- Number of PCs/Servers:
- 40 PCs
- 1 Main Server

### **4. Network Devices**

#### **Routers:**

3 routers to connect different floors and ensure proper communication across departments.

#### **Switches:**

6 switches, distributed evenly across the three floors for better connectivity of PCs and other devices.

#### **5. Justification for Infrastructure**

**PCs:** Used for administrative tasks, faculty workstations, and student labs.

**Servers:** Hosting the university management system for applications such as:

- Admission Management
- Faculty and Student Portals
- Financial and Attendance Systems

**Routers:** To connect the internal network to the internet and interconnect the three floors.

**Switches:** To manage and segment the local network efficiently on each floor.