Hospital Network Design

**Project Scope**

A network proposal has to be designed for a hospital which has the following. There is a **main block** and **three wards** in the campus. The main block is the administrative block where registration of new patients takes place. The main block has **5 floors**. The hospital has identified hospital management software, which should be accessible by the employees. The software is installed on a server at the administrative block. At the ground floor, there are **15 computers** at the billing section. At other floors, there is **one computer** user each. The farthest distance between the computer on the top most floor and the ground floor is less than 70 meters. The wards have **5 floors** each, with **10 computers in the ground floor of each ward**. The distance between the wards and the blocks are less than 80 Meters. The computers in the wards may be **increased** based on future expansion plans.