



KIT COLLEGE OF ENGINEERING KOLHAPUR

SYCSE DIV -A 2021-22

A COMPUTER NETWORKS PBL

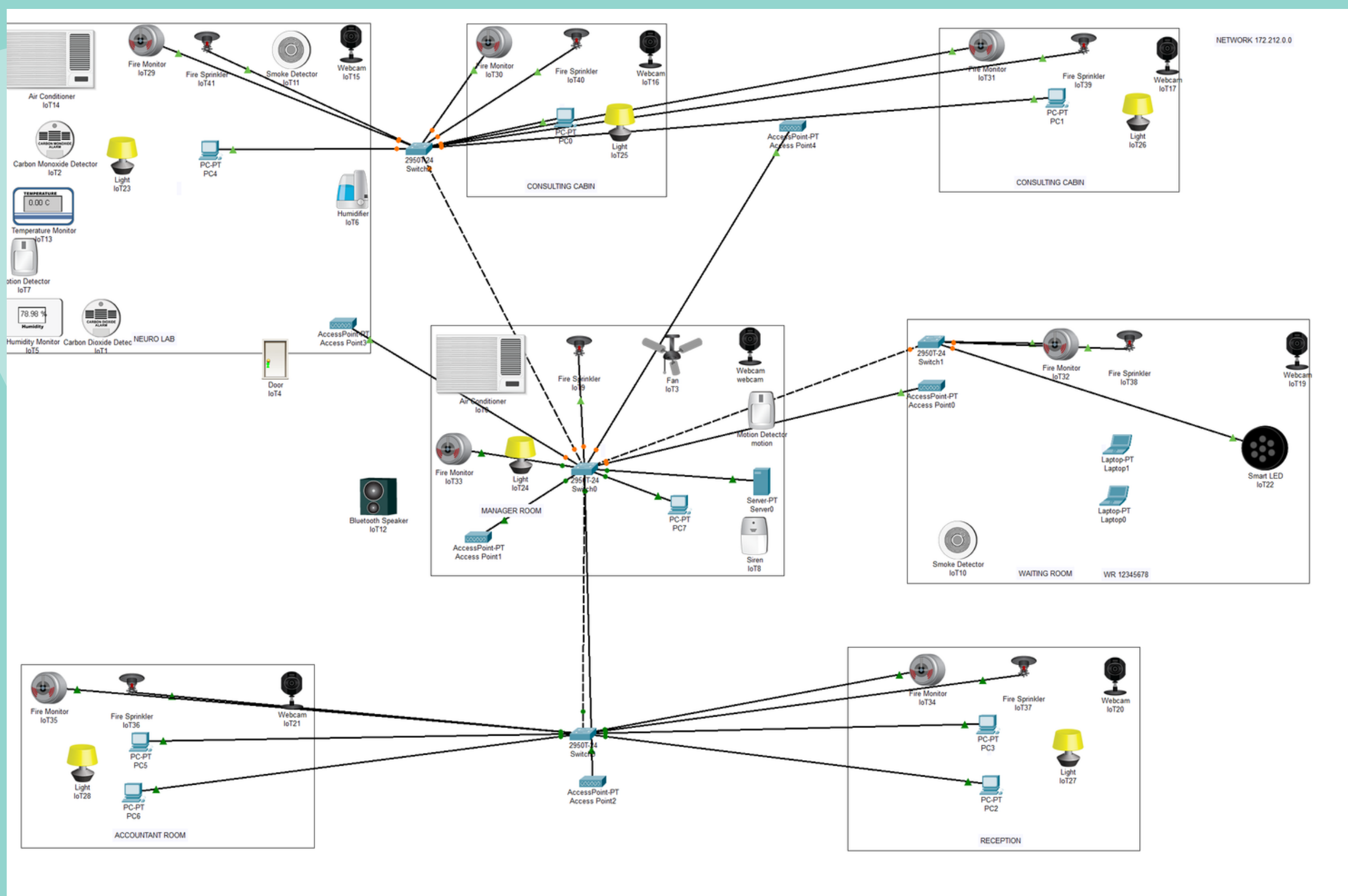
ON

HOSPITAL NETWORK DESIGN

under the guidance of

MR. PRADEEP KHOT SIR

Proposed Network by our team.....



OLD NETWORK DESIGN FLAWS :

- SIMPLE NETWORK
- WEAK SECURITY SYSTEM
- LACK OF IOT DEVICES, SO
- LACK IN AUTOMATION
- NO DHCP SERVER PRESENT

NEW NETWORK DESIGN INCLUDE :

- NEW IOT DEVICES ADDED - WEBCAM, FIRE DETECTION, MOTION DETECTION, SIREN, AUTO AC
- NEWLY ADDED ROUTERS
- IN NEUROLAB - CARBON MONOXIDE AND DIOXIDE DETECTOR, HUMIDITY DETECTOR AND HUMIDIFIER
- DHCP SERVER HAS BEEN ADDED TO SMOOTHEN THE CONNECTION PROCESS OF NEW DEVICES



GROUP MEMBERS :

- 1) Sarvesh Gawade (A01)
- 2) Irfan Mestri (A04)
- 3) Akib Maner (A05)
- 4) Sanmil Gaonkar (A11)
- 5) Yogesh Karadage (A33)