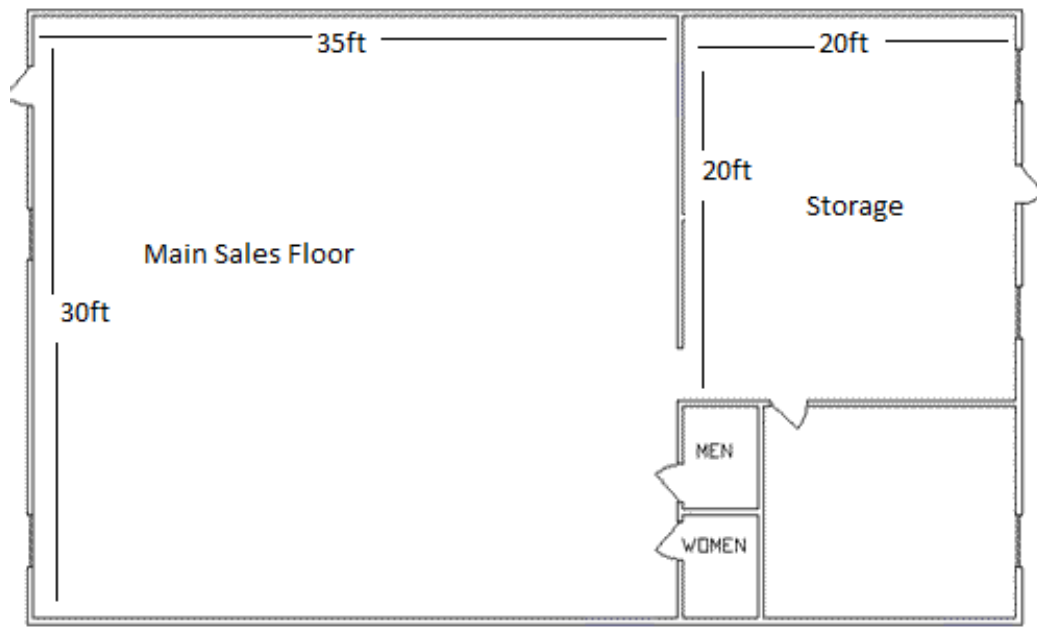


## FINAL PROJECT

### NETWORK ESSENTIALS

*“Working in groups, students are to plan a network, create a list of items and prices needed to create the network and present their proposal in front of the class, and include a written proposal for the instructor. The presentation and proposal should explain why they have chosen the particular network plan, including hardware and software, and what business needs they have taken into account. Include parts, costs, and why you believe these items will work for their needs.”*



Startup company with 5-8 employees.

Needs:

- Server (For accounting software, shared files, and e-mail/internet)
- Office Network
- Software (Create animation and apps, and has a website)
- Printer

Annotations:

- Budget of \$15000 (Not including furniture, and do not forget to include labor).
- Two to three backups every month (estimate of 3GB/month)
- The company has only one workstation with Windows 10 installed
- The accounting server is not shared with all employees
- 20ft ceiling
- The building is leased and it is not possible to pass cables through walls.

- Everyone works only at the office
- The company wants to create mobile Android apps.