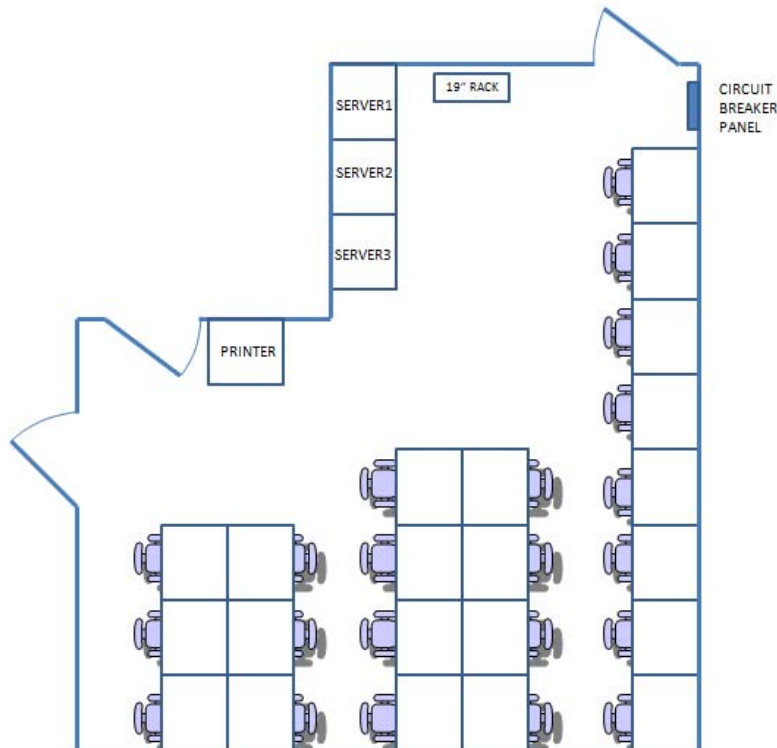Design a simple wired network with a file server for a business:

Mr. John Ryan
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Mr. Ryan wants a network with 22-computers with high performance processors for a computer lab. He wants a combination wireless and wired network for the LAN and a connection to the Internet through the server and onto the local Internet Service Provider (ISP). The classroom is 26 by 26 feet. The 19 rack with router, patch panel and two twenty four switches are at the top of room.. There is one network laser printer in the lab. There are three Windows 2008 servers and the domain controller and file serves has four 2 TB hard drives configured for RAID 5 and they have accounts for each instructor and student and folders for their work. Computers have the complete Adobe suite, Office 2010 and antivirus software.

Create a diagram, spreadsheet quote and cover letter for the job and send the documents to your instructor with attachments. Make an informative PowerPoint presentation highlighting the features of the network you designed. Include in the quote your 365 support plan and training plan. Add the wire list and IP address scheme using 192.168.100. network.