Criterion A: Initial investigation

Summary of Problem

Samet Teke is my client who is a biology teacher in my school. He organizes school's monthly "Quiz Night". Sometimes he faces "problems while presenting questions to the contestants" (Crit A Consultation) such as slow slideshow transitions. Also, errors are made while transferring written answers to the spreadsheet used for tabulating scores. He wants to reduce paper consumption, and he expects not to face with problems during competition.

An interview was carried out with Samet Teke about current situation on January 5th, 2016.

Explanation of inadequacies of current situation

Currently, there is a team of 3 students who use a slideshow to present questions to the contestants. Since preparing a slideshow takes very long time due to not using a proper IT system, it is not an easy job for my client. "We need to erase questions from slide show one by one to make a new slide show." he says. He is using PowerPoint for creating the slideshow and presenting it. However, his computer has difficulties while presenting the slideshow which causes problems during the competition. "Most of the time, computer we are using cannot process transitions between slideshow and we have to wait for a while." he says.

Another problems occur while transferring answers from papers to an Excel document. "Sometimes students from my team mix the lines on Excel document, and they give wrong points to teams by mistake." he states. Apart from this, they collect answers written on small pieces of paper. "We use 130 regular A4 papers just for a competition." he says. After the competition, they just throw away those papers. He wants a paperless IT solution to solve his problems, and he states that "connection stability should be our priority."

Update: By the beginning of the second year of IB program (7.9.2015), IT department of school developed wireless network infrastructure, and there is no more need of additional modem to ensure connection stability.

314 Words