The goal of this homework is to help you increase your knowledge and understanding regarding a specific wireless technology. To achieve this goal, you must complete the following tasks:

**Task 1. Wireless technology research (50 pts)**

Prepare a written report describing the wireless technology you have been assigned. You should at least include the following information:

- Brief history about the wireless technology.
- What types of applications is it intended to cover?
- Is it governed by a specific standard?
- Is there an industry group that oversees its progress?
- What are its most relevant specifications (e.g., frequency spectrum, data rate, etc.)?
- Is it already being used in the market? If it is, what are examples of products that have implemented it?
- Would there be future enhancements to its current form?

**Deliverable:** A typewritten report, single-spaced, using 1-inch margins and 12-pt font. Do not forget to include page numbers. The report should not exceed 5 pages in length (not including references or appendices). You should also provide the instructor with an electronic copy of your report (via email).

**Task 2. Oral presentation (50 pts)**

You should prepare a 15-minute oral presentation for the class and be prepared to answer questions afterwards from the class and your instructor. Your objective will be to familiarize the class with the wireless technology you were assigned to investigate. The 15-minute time limit will be strictly enforced. For a 15-minute presentation, consider having approximately 9-12 PowerPoint slides. Prepare a class handout comprised of your slides to distribute to the class. Below is a list of items you should focus on to deliver a high-quality oral presentation.

**Presentation Skills**

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**Visuals**

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**Timing**

Presentation Under / On / Overtime

**Professionalism**

Handouts Available

Obviously Well-practiced

Team Familiarity with Subject Matter