Instructions for Skills Practice – Technical Architecture

Assignment Overview
Technical Architecture is one of two sections that make up the Proposed Solution document. This assignment is your opportunity to practice choosing a technical architecture and documenting that choice in a Technical Architecture section. In this practice exercise, you will be writing a Technical Architecture section for our practice case, iSchool Webstore.

The Technical Architecture should be a business document written in professional prose that addresses subjects according to the outline shown below in *Expected Content*. **These outline headings should be included in your text in bold type** in order to make your work easier to find while grading. Although the outline below includes a list of issues that should be addressed, **please do not provide a list of answers as though filling in questions on a test**. **Instead, use your writing skills** to write a professional report that addresses the issues that have been identified.

Expected Content
The following content is expected to be included in the Technical Architecture section:

1. **Technical Architecture**
    a. **Choice of Architecture**
        - Multi-User vs. Single-User*
        - Desktop vs. Web-based
        - Mobile Support (none, browser-based, custom app)
        - Data Store (relational database vs. other data stores)
        - Recommended Technology Stack (LAMP, JEE, .Net)

    b. **Rationale for Choice of Architecture**
        - Functional requirements that support this architecture
        - Non-functional requirements that support this architecture

        * In the event that you choose a single-user technical architecture, be sure to support this choice by explaining how this application will only ever have a single user.

Tools
I recommend that you use Microsoft Word to create this document. You may choose any other word processor. Remember that you must submit a .PDF file rather than a word processing file.

Technique
Follow the instructions above to create your Technical Architecture section. I have provided a tutorial video that demonstrates the process. While I recommend that you create an outline before writing your section, **please do not submit an outline**. You are expected to submit a complete section written in business prose.

Length
This section should take up approximately 1 single-spaced, typewritten page.

Format
Submit **one PDF document**.

File Naming Conventions
The name of the file that you submit should include both your name and the name of the assignment. It should follow the form:

trainor_kevin_skills_practice_technical_architecture.pdf

Due By
Please submit this assignment by the date and time shown on the Weekly Schedule.