This is a Collaborative Learning Community (CLC) assignment.

Once the requirements document is written, the next step is to write the technical design document using the "Software Technical Requirements Document" template.

The technical design document identifies "how" the software will be designed. This document is used by the programmers to write the code. It describes how the architecture of the software, the languages used, and different software components are connected, and provides details for communication protocols, database creation (e.g., schema and type of database), and supported browsers. This document should discuss how the functionality identified in the requirements document will be implemented. How the document is developed is up to your CLC group. Typically, this document includes detailed wireframes, prototypes, screenshots, and an explanation of how the functionality is incorporated into the product.

Use the provided template, "CST-326 Technical Design Document Guidance." Ensure your technical design document provides a detailed list of how each functional feature will be implemented, and addresses the following details:

* Define the system architecture/infrastructure.
* Define the user dialogs and the control flow.
* Define the background tasks.
* Define the database model/schema (if appropriate).
* Define the server and client side of your application (as appropriate).
* Define each user-related task/feature.
* Define the interfaces with other systems.
* Define, as needed, how the statistics will be collected for the non-functional requirements (e.g., security, usability, ADA).

Prepare this assignment according to the APA guidelines found in the APA Style Guide, located in the Student Success Center.

This assignment uses a rubric. Please review the rubric prior to beginning the assignment to become familiar with the expectations for successful completion.

You are required to submit this assignment to LopesWrite. A link to the LopesWrite technical support articles is located in Class Resources if you need assistance.