1 Software Engineering : Homework

Objective

Develop a detailed proposal for a software application, including the identification and classification of requirements using the MoSCoW method.

Instructions

1. **Topic Selection:** Choose a personal interest or an unmet market need that can be addressed through a software application. Clearly define the problem that your application aims to solve.

2. **Project Overview:** Provide a general description of your application, including its purpose and expected benefits. Explain how your application differentiates from existing solutions.

3. **Identification of Requirements:**

   - **Functional Requirements:** List the specific features that the application must have to fulfill its purpose. These are the specific functions that the application will perform.
   - **Non-functional Requirements:** Define operation standards such as performance, security, and compatibility, among others.

4. **Requirements Classification (MoSCoW Method):**

   - **Must Have:** Critical requirements without which the application will not function.
   - **Should Have:** Important but not critical requirements, which can be omitted if there are time or resource constraints.
   - **Could Have:** Desirable but not necessary requirements, which would enhance user experience without affecting the overall functionality of the application.
   - **Won't Have:** Requirements that will not be included in this version but may be considered for future updates.

5. **Submission:** Your proposal must be presented in a structured document that includes all the points mentioned above. Ensure that your proposal is clear, concise, and well-organized.

Evaluation

Your proposal will be evaluated based on the originality of the chosen topic, clarity and depth of the project description, relevance and coherence of the identified requirements, and the proper application of the MoSCoW method in classifying the requirements.