

**Identify exactly three aspects in Sections 2.1, 2.2, and 2.3 that represent either strengths or weaknesses (e.g., 1 strength and 2 weaknesses, or 3 weaknesses, etc.). Support each identified aspect with proper arguments (one or two sentences) motivating your selection.**

- a) Weakness 1: There is no class diagram included, which would have made the document clearer and easier to understand. A class diagram would help show how different parts of the system connect and interact and highlight the specific operations and responsibilities of each class.
- b) Weakness 2: The deployment view lacks explanations for the design choices. It also does not mention how the design might handle future growth or scaling, which are crucial for long-term flexibility. Additionally, there is no deep analysis of each tier, so it's difficult to understand the role and purpose of each layer in the deployment structure.
- c) Strength 1: The definition of modular structure, such as AuthenticationManager, TeamManager, and CompetitionEvaluationManager, provides strong managing architecture. This modular design allows for more maintainable and testable code, as each component has a specific responsibility. This makes development and debugging easier and allows for independent updates or modifications to components without disrupting the overall system

**Identify exactly three aspects in Sections 2.4, 2.5, 2.6, and 2.7 that represent either strengths or weaknesses (e.g., 1 strength and 2 weaknesses, or 3 weaknesses, etc.). Support each identified aspect with proper arguments (one or two sentences) motivating your selection.**

- a) Strength 1: The use cases align well with the Requirements Analysis and Specification Document (RASD), showing a clear understanding of the system's functional requirements. This coherence ensures that the use cases effectively cover the necessary scenarios, making it easier to trace requirements through the design and verify that all essential functions are addressed.
- b) Weakness 1: The component interface is incomplete. It doesn't specify the signature, the types of the parameters, or what kind of objects are returned. This lack of detail makes it difficult to understand how the components interact and what data is being passed around.
- c) Weakness 2: The "If -> Then" used in most sequence diagrams is incorrect; it should be "If -> Else." This distinction is important because "If Else" provides an alternative path for when the condition isn't met, while "If -> Then" does nothing without an "else".

**Identify exactly three aspects in Sections 3, 4, and 5 that represent either strengths or weaknesses (e.g., 1 strength and 2 weaknesses, or 3 weaknesses, etc.). Support each identified aspect with proper arguments (one or two sentences) motivating your selection.**

- a) Weakness 1: Some mockups, like Figure 3.2 which just shows a blurred screen with no valuable information, are completely useless. The images are also identical to what's already in the RASD and don't add anything new. It could have been better to show additional features or characteristics, and without any descriptions, these mockups fail to provide any real insight into the design.
- b) Weakness 2: The document does not present a non-functional requirements section. It's incoherent because performance requirements were addressed in the RASD but here they were not considered.
- c) Strength 1: The detailed description of the component integration and testing plan demonstrates a clear and structured approach to validating individual components before full integration into the system. This ensures that each unit is working as expected, reducing the risk of errors in the final product.