Exercise 05: Evaluation of the TMS (Training Management System) SRS

Who created the final version?
- ➔ Osamah Yacoub and Ahmad Arrabi

What is the intended use?
- ➔ The intended use of the TMS (Training Management System) is to acquire and track training and testing sessions for Government of Jordan (GoJ) employees. It is designed to be a web-based system available to managers, administrators, and employees to automate the process of acquiring training and testing, providing management with insights into the training needs of GoJ employees, and ensuring more efficient use of training resources.

Who are the intended users?
- ➔ GoJ employees, system administrators, PMU administrators, TP administrators, and training coordinators (TC)

What is the standard environment?
- ➔ 3-tier software architecture with XML support, a supported web browser (Microsoft Internet Explorer 5.0 or above), runtime environment provided by the client, and screen resolution optimized at 800x600. The system is to support both English and Arabic languages.

Pick a functional requirement and check if that requirement is

- ➔ *Functional Requirement: FR01 Course/Test Maintenance*
    - o **Complete:** Yes, it describes adding, updating, and deleting courses or tests.
    - o **Accurate:** Yes, the description matches the requirement's purpose.
    - o **Unambiguous:** Yes, it clearly states the functions without ambiguity.
    - o **Traceable:** Yes, it is traceable through the unique identifier (FR01) and detailed description.
    - o **Testable:** Yes, it can be verified by checking if courses/tests can be added, updated, or deleted within the system.

Is there a requirement regarding data security? If yes, how does that look like?
- ➔ security requirements: specified under the non-functional requirements. These include access control, authentication mechanisms, and ensuring that only authorized users can access or modify the data.

Is there a requirement how the software should be designed? If yes, how does that look like?
High-Level System Architecture:

- • **3-Tier Architecture:**
    - o **Presentation Tier:** User interface.
    - o **Logic Tier:** Business logic processing.
    - o **Data Tier:** Data storage management.
- • **XML Support:** For interoperability with future e-Government applications.

Design Constraints:

- • **Runtime Environment:** Provided by the client.
- • **Supported Browser:** Microsoft Internet Explorer 5.0 or above.
- • **Languages:** Primarily English, Arabic for non-administrative users.
- • **Screen Resolution:** Optimal at 800x600.
- • **Reporting Technology:** Flexible, any technique meeting requirements is acceptable.