**FUNCTIONAL REQUIREMENTS DOCUMENT**

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**Project Name:** E- learning management system

**1. Introduction**

This document outlines the functional requirements for the E- learning management system, aimed at improving the digital learning experience for both students and teachers through enhanced features and tools.

**2. Functional Requirements**

**2.1 Result Metrics**

**Requirement:** Students should have access to a visual overview of their performance.  
**Details:**

* **Visualize Scores:** The platform will display student scores in a bar graph format for each course. This visual representation will enable students to quickly grasp their performance relative to their peers and understand areas needing improvement.
* **Performance History:** In addition to current scores, the system will provide a historical view of scores, allowing students to track trends over time. This feature will help students identify patterns in their performance, set goals, and monitor their progress throughout the academic term.

**2.2 Resource Support**

**Requirement:** Teachers must be able to upload and organize study materials for students.  
**Details:**

* **Upload Resources:** Teachers will have the capability to upload a variety of educational materials, including lecture notes, reading lists, practice exercises, and multimedia resources such as YouTube links. This functionality ensures that students have access to diverse learning materials tailored to their courses.
* **Organize Content:** To enhance usability, all uploaded resources will be systematically organized by course and topic. This structured approach will facilitate easy access, allowing students to find relevant materials quickly and efficiently, thereby supporting their learning experience.

**2.3 Integrated Learning Resources**

**Requirement:** The platform must provide comprehensive resource support for students.  
**Details:**

* **Curated Learning Materials:** Teachers can upload a range of supplementary content to enhance the learning experience. This may include additional reading materials, video lectures, and interactive exercises designed to reinforce course concepts.
* **Accessible Resource Hub:** All resources will be centralized in an easily navigable hub where students can find everything they need for their studies in one place. This feature will encourage students to engage more actively with the provided materials and support their academic success.