# 1.4 Product Scope

The proposed software, Qema E-Learning System, is designed to automate and digitize the educational process for high school students through an integrated e-learning platform.

The system will help in managing educational content, organizing exams, analyzing student performance, and tracking academic progress efficiently and effectively.

**Main Modules**

The Qema E-Learning System consists of several main modules.  
• The Course and Lesson Management System is responsible for uploading, organizing, and managing educational materials such as videos, documents, and study notes.  
• The Exam and Evaluation System will handle the creation of online exams, automatic correction, and analysis of results to identify each student’s strengths and weaknesses.  
• The Smart Performance Analysis System uses artificial intelligence techniques to provide personalized reports and insights for both students and teachers, helping them enhance the learning process.  
• The User Management System will manage access control for students, teachers, and parents, ensuring privacy and ease of use.  
• Additionally, the system includes a mobile application that allows students and parents to access lessons, grades, and progress updates anytime and anywhere.

**System Users**

There are three main end users of the Qema E-Learning System: Students, Teachers, and Parents.  
• Students can access lessons, take exams, and monitor their academic progress.  
• Teachers can manage courses, upload educational materials, prepare exams, and evaluate student performance.  
• Parents can track their children’s progress and performance through a dedicated dashboard.  
To maintain data security and apply proper access restrictions, the system will provide separate login functionalities for each user type.

**Objectives**

The objective of developing the Qema E-Learning System is to simplify the educational process and transform it into a smart, fully digital experience.  
The system will minimize dependence on traditional teaching and assessment methods, improve the speed and accuracy of performance evaluation, and create a safe and user-friendly environment for all users.  
Among the major benefits of the system are its ease of use, high security, efficiency in retrieving information, and accuracy in student assessment.  
The development team aims to create a system that is user-appropriate, easy to learn, provides smooth error recovery, and ensures high user satisfaction overall.