**Task Manager: AI-based Personal and Team Task Management System**

SE-E-8

Ala Bargita; alabrgita10@gmail.com  
Ayman Omar; ayman.omar2013.ao@gmail.com

Advisor: Dr. Karim Abu Affash

SCE - Shamoon College of Engineering, Be’er-Sheva

Effective time management is a critical challenge in modern life, affecting productivity and well-being. Task Manager is an AI-based mobile application designed to optimize time management for individuals and teams. The system leverages artificial intelligence to predict task completion times, prioritize tasks based on urgency and importance, and provide personalized recommendations. It includes performance tracking, real-time insights, and adaptive scheduling to enhance efficiency. The challenge was to integrate AI-based forecasting with a user-friendly interface while ensuring scalability and security. The prototype enables users to manage tasks effectively, improve productivity, and achieve a better work-life balance.

Keywords**:** AI; productivity; scheduling; task management; time optimization