**Fortitask**

SE-B-3

Ori Hazan; oriha3@ac.sce.ac.il   
Tal Berko; talbe6@ac.sce.ac.il

**Advisor:** Ms.Alona Kutsyy

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

Ensuring the integrity of academic submissions is essential for maintaining fairness and transparency. This project presents an advanced automated submission verification system that leverages metadata analysis to detect post-deadline modifications. Implemented using React.js (frontend), Node.js (backend), and MongoDB Atlas (database), the system secures data with AES encryption and enforces user authentication via two-factor authentication (2FA). Assignments submitted past deadlines are automatically locked, preventing unauthorized modifications. Real-time submission tracking enhances accountability for both students and instructors. By integrating automated timestamp validation, this solution streamlines assignment management, minimizes disputes, and strengthens academic integrity.

**Keywords**:**** academic integrity, assignment security, data protection, metadata validation, submission automation.