in light of the frequent incidents involving defacement, loss, or theft of books and belongings exchanged among students using conventional lockers. In this project we propose the development of an advanced student locker system. This intelligent and secure system aims to facilitate the safe and efficient exchange of items, obviating the necessity for students to spend time searching for their belongings within the locker room.

Key aspects that will covered in this project include the development of a student secretariat storage machine operating in storage and retrieval modes using. Sensors are employed for monitoring system status and ensure the security of the system.

The system employs a robot equipped with RFID reader to allow authorized students to access the safe deposit box using a unique PIN or RFID card. When a student places their box on the robot arm, it automatically assigns the box to appropriate storage cell within the locker. Additionally, the robot has the capability to deliver the box to the student upon request. To facilitate the automated dispensing process, a website or application will integrated into the system.

While similar applications may exist, our project aims to enhance convenience for students, reduce security risks associated with package storage, and facilitate the exchange of books, slides, and other items through a student-friendly locker system.