Team 09: Knight Pickup

Calvin University, Grand Rapids, Michigan

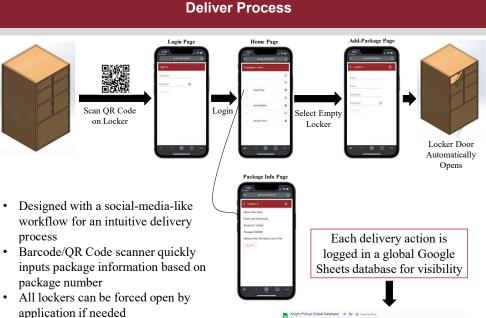


Introduction

For package delivery to the Calvin residence halls, Calvin Mail Services utilizes student employees to manually sort and deliver packages. Packages are only available for pickup during the short front desk hours.

Parcel locker systems are groups of lockers that temporarily secure packages before pickup. There are commercially-available parcel locker systems, but these systems can cost upwards of \$40,000.

Knight Pickup sought to optimize the dorm package delivery process for both employees and students by building a custom parcel locker system equipped with automated delivery tools that is both highquality and cost-effective.

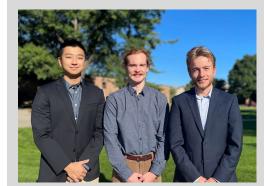




Conclusions

- 24/7 package access for students through a secure parcel locker system
- Streamlined delivery process for Mail Services
- Compatible design for current system
- Reduced potential costs

Our Team



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- 24/7 package access for students
- Streamlined package sorting
- Smooth integration with current system
- Cost-effective solution

Acknowledgements

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Objectives

Pickup Process

Google Sheets Database

• Delivery application can only be accessed on Calvin's local network

for enhanced security

