Mercury Package Manager

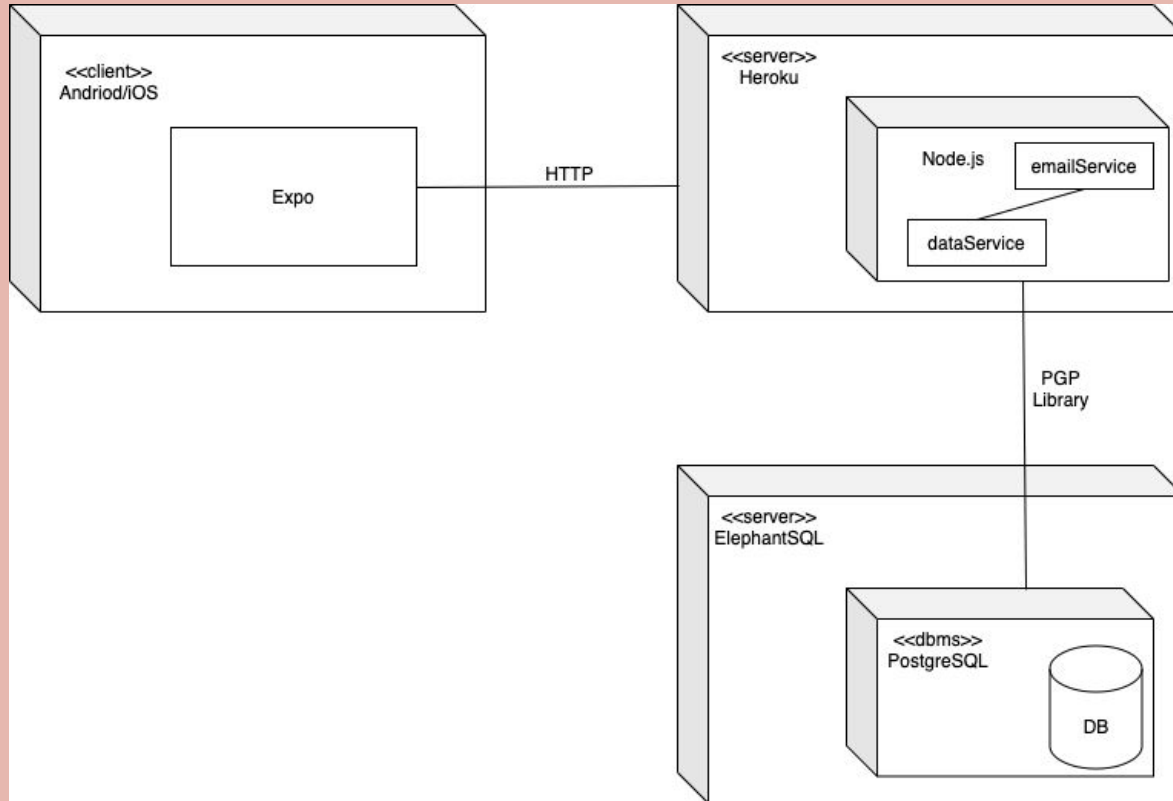Jacob Boers   Andrew Feikema
Emily Costa   Coleman Ulry
Ben DeVries   Jack Westel

Our Vision

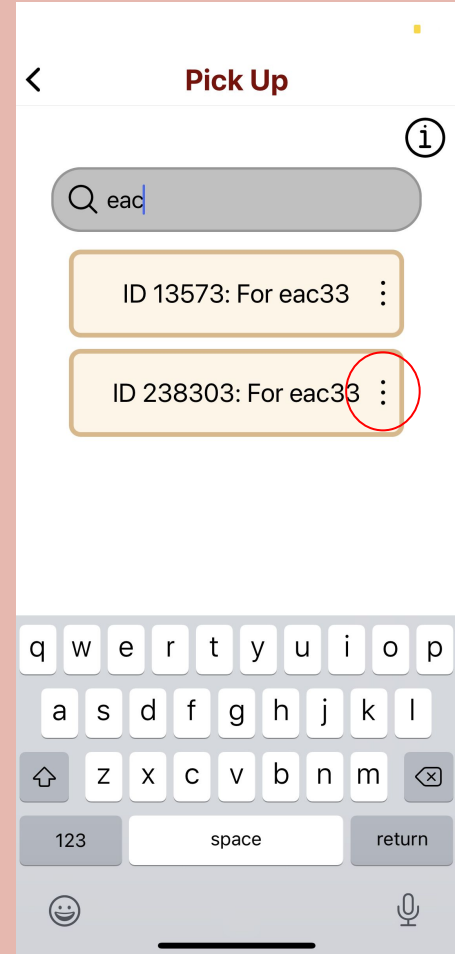*Streamlining dorm delivery for Calvin University*

- Reduce time spent by Deskie finding data manually
- Store data securely in the cloud
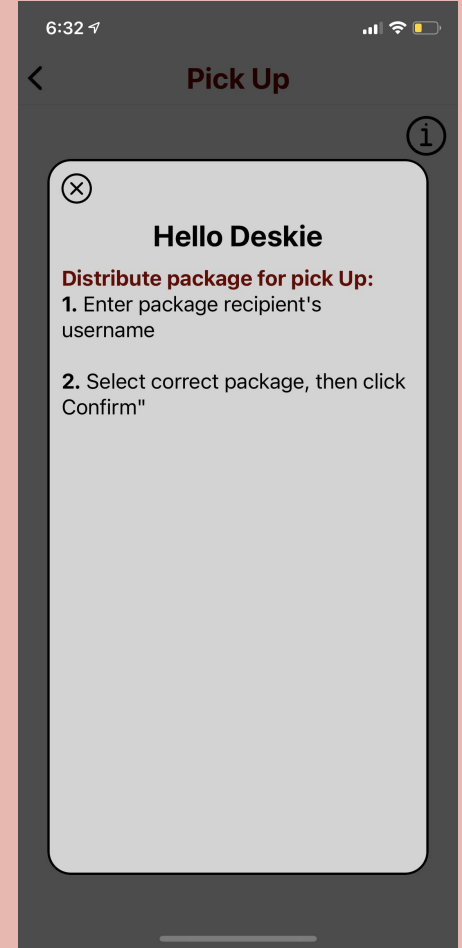- Notify residents when their package arrives

System Design

UI

Ellipses to ensure clickability

UI

Instruction Icon

Pick Up

Enter email holder

Pick Up

Hello Deskie

Distribute package for pick Up:
1. Enter package recipient's username

2. Select correct package, then click Confirm"

Demo

Assessment

Data service:

- Efficient CRUD options for Package, Person Data
- Several GET methods for Packages
- Prepared Statements prevent SQL Injections

Future work:

- Federated Authentication
- Managing deskie access

Conclusions & Implications

- Potential as <u>the</u> campus-wide package platform
- Beta testing in KHvR (Spring 2021)
- Mobile System over Spreadsheets
- No More Package Slips!

Questions?