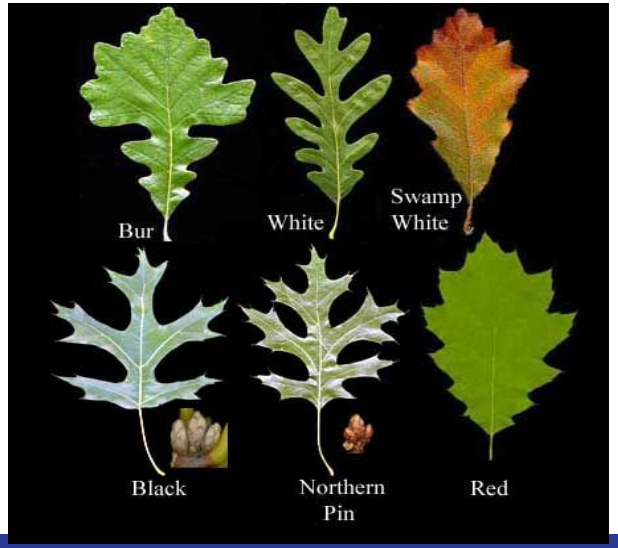
Hello Campus Final Design

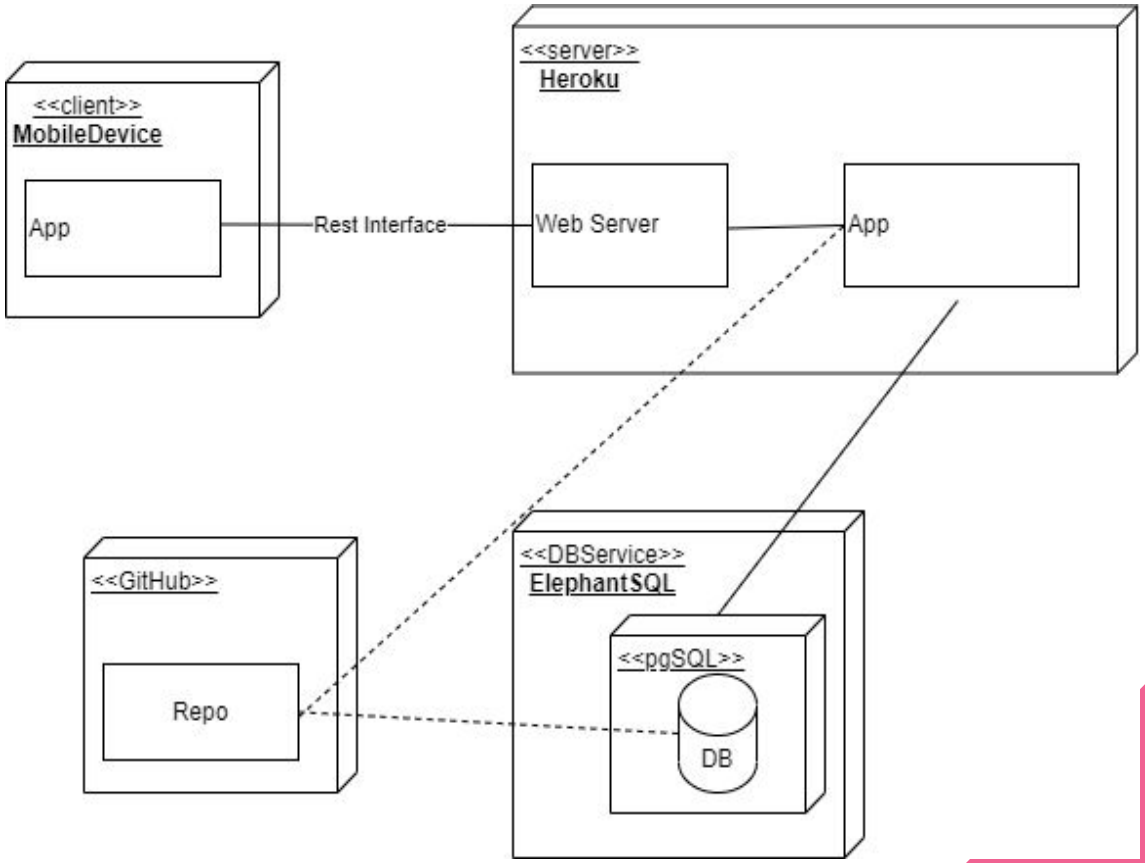
Team Huh?!

Our Vision

-To provide students and visitors with an intuitive and meaningful introduction to Calvin’s Ecosystem Preserve.

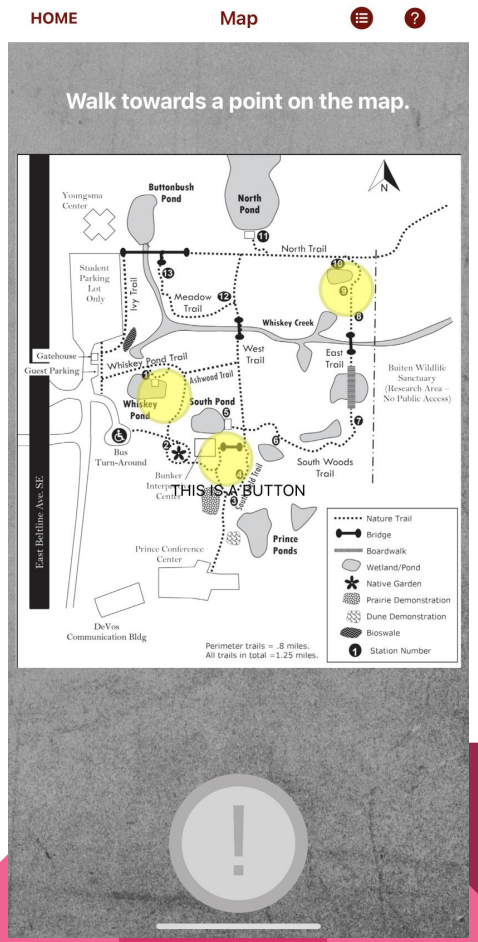


DESIGN


<<client>>
MobileDevice
App
Rest Interface
<<server>>
Heroku
Web Server
App
<<GitHub>>
Repo
<<DBService>>
ElephantSQL
<<pgSQL>>
DB

Usability Test Results

- Inaccurate user location indicator
- Point info button not clear in purpose
- Clunky answer submission
- Sign in/out options confusing
- Messy button formatting



DEMO

Usability Improvements

- Improved location detection services behind the scenes
- Point info button is now animated and more clearly represents its purpose
- Single submission button that leads back to the map
- Sign in/out moved to the home screen
- Simplified button formatting

ASSESSMENT

Strengths:

- Unique experience for all types of users
- Professors can configure locations and assignments from within the app
- Informative overview of the Eco Preserve

ASSESSMENT

Weaknesses:

- Location tracking can still improve
- Usefulness depends on how frequently professors update information
- Currently useful in only one place on campus

ASSESSMENT

Functionality:

- Full compatibility with database
- Secure login through Google
- All point information is managed through the application

ASSESSMENT

Before Deployment:

- Collaboration with faculty to update displayed information
- Allow the addition of new professors within the app
- Allow for hands-off use through notifications

ASSESSMENT

Implications:

- More attention towards phone rather than nature
- Experience of exploration lost in favor of map navigation
- Users could gain a greater understanding of nature around them

ASSESSMENT

Future Prospects:

- Interest from the biology department as well as ecosystem preserve program manager
- Potential for portability between campuses
- Possibilities to continue updating the app depending on available team members

Q&As