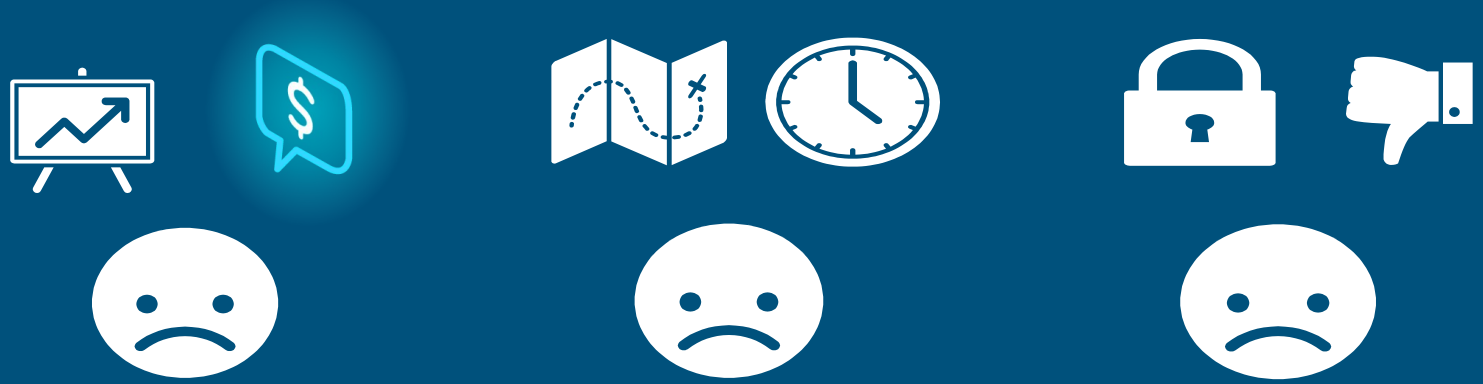
Implementing Blockchain as an Alternative to Academic Transcript

Team: NULL
Members: Jonathan C., Andrew F., Angela T., and Vananh V.

Outline

- Recap: What is our project about?
- Roles, Tools and Languages
- Current Progress
- What’s next?
- Goals
- Timeline

Recap: The Problems with Paper Transcripts



Recap: Our Solution

Roles, Tools, and Language

Programming Language:

Platforma: Linux, MacOS

Tools: PyQt5

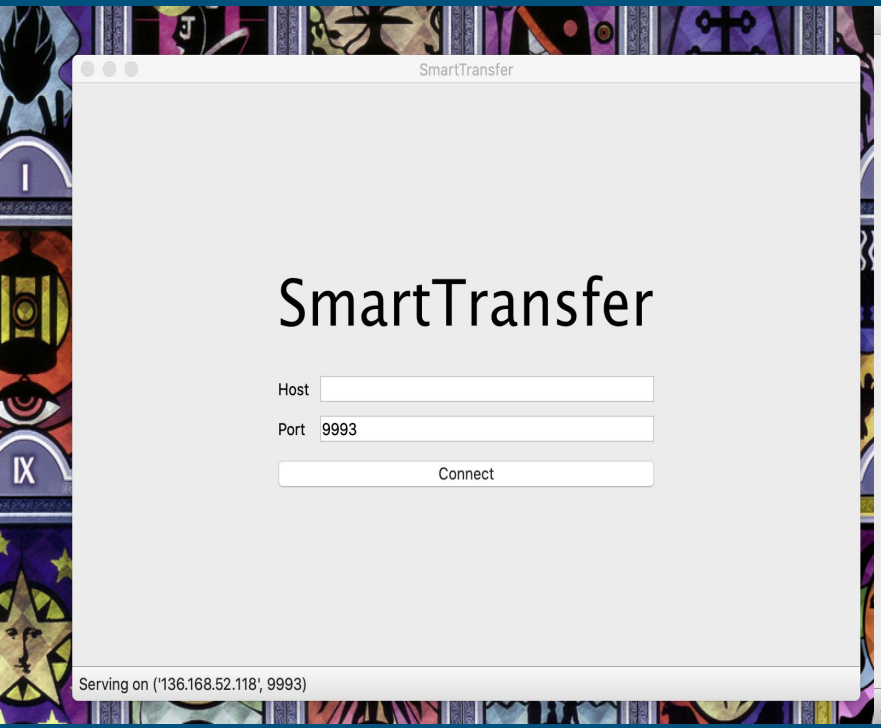
Roles:

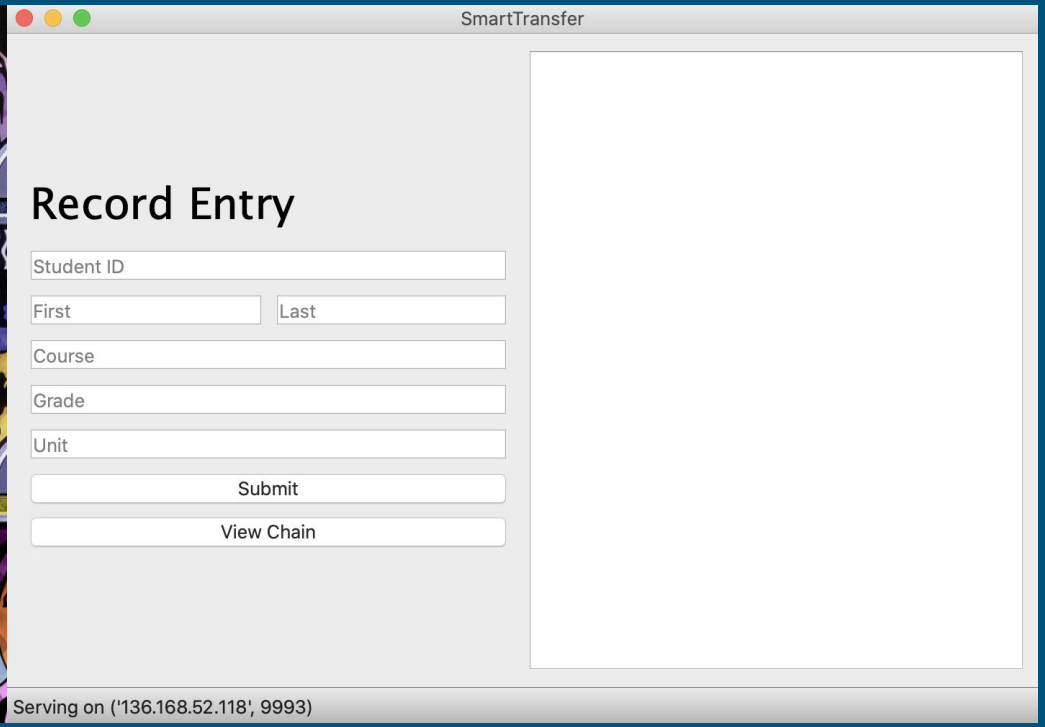
- Networking: Andrew & Jonathan
- Data Structure: Vananh
- Front-end: Angela & Vananh

Current Progress

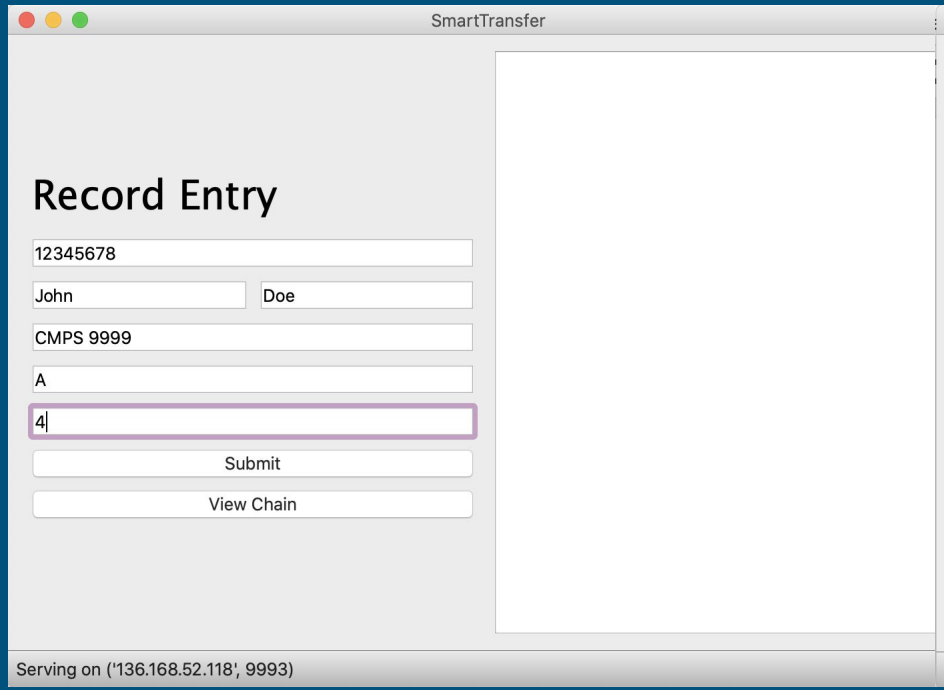
- Estimate Completion: 60%
- What’s new?
  - Having a basic UI.

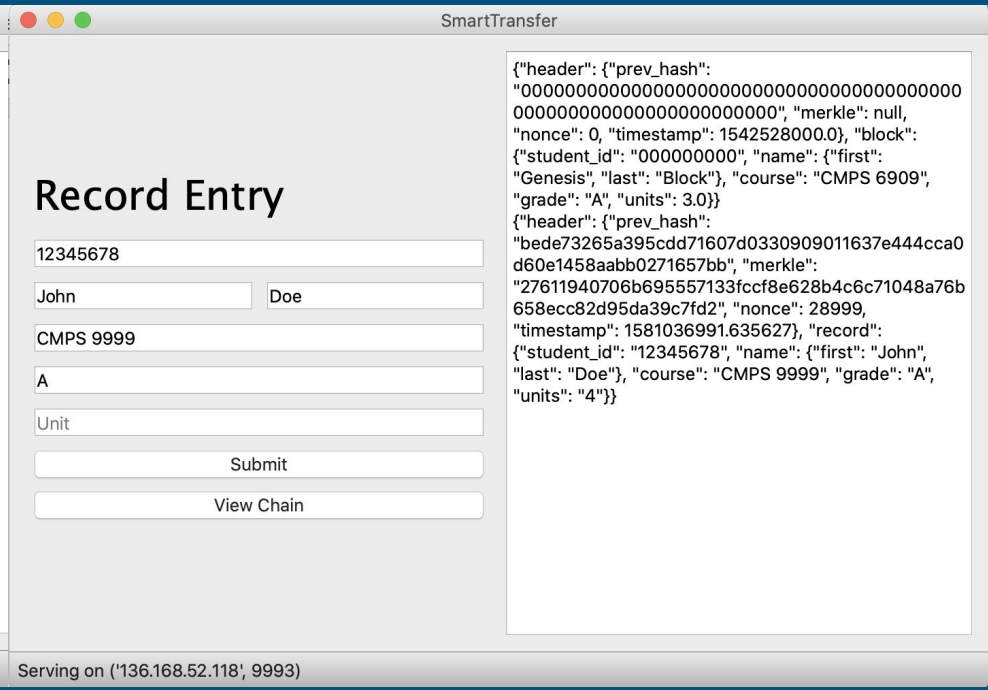
Current Basic UI



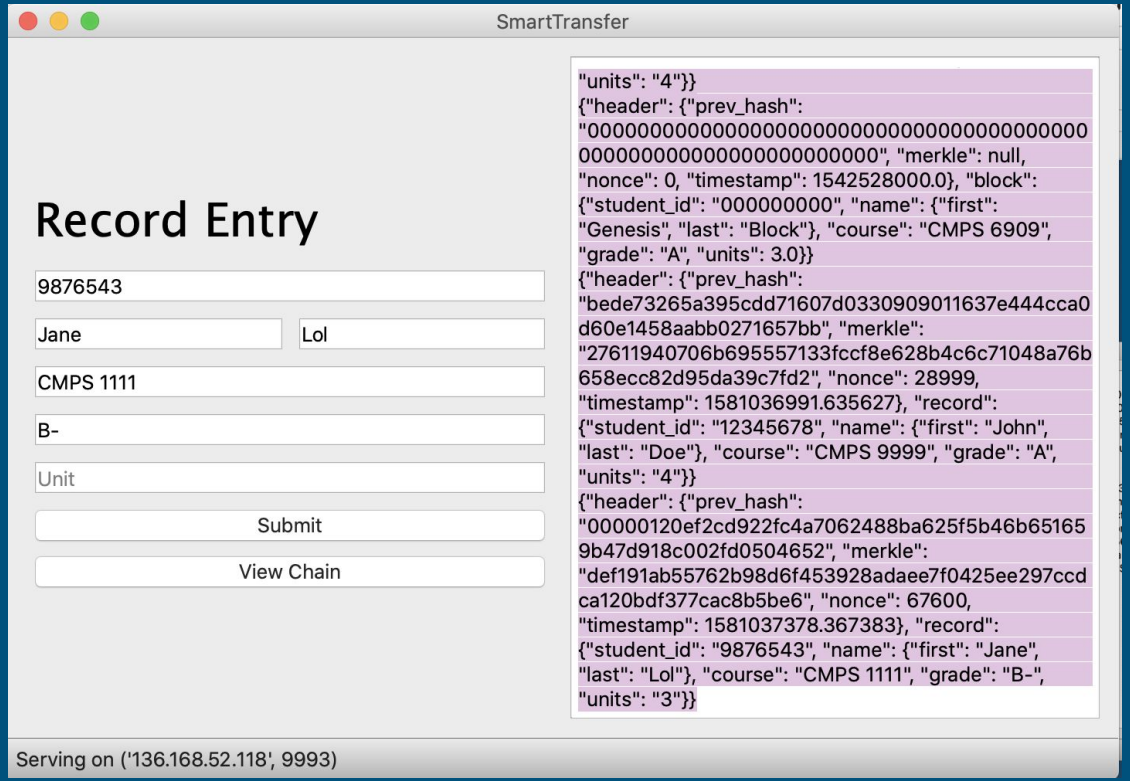


Current Basic UI (cont.)

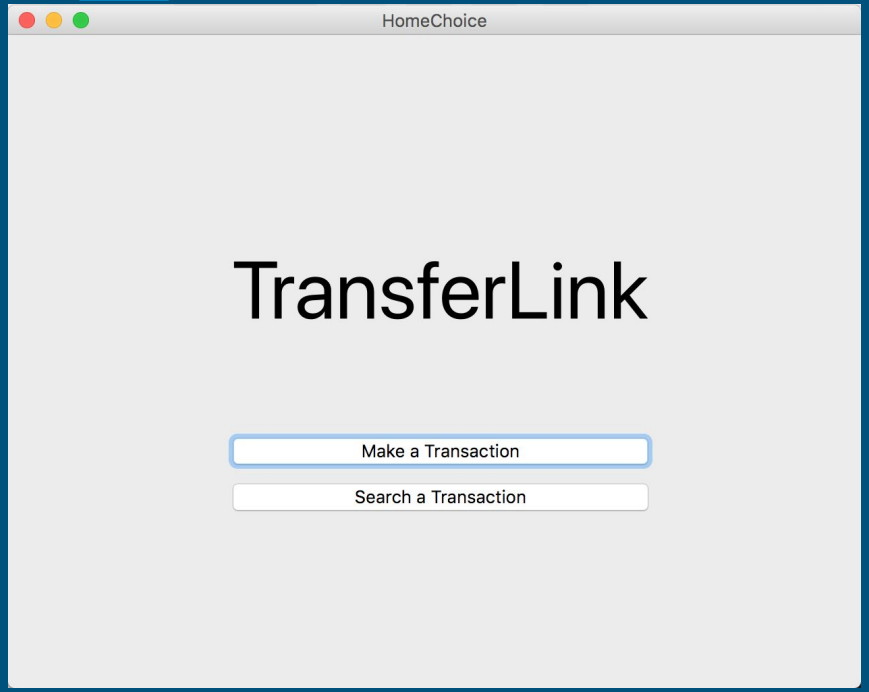


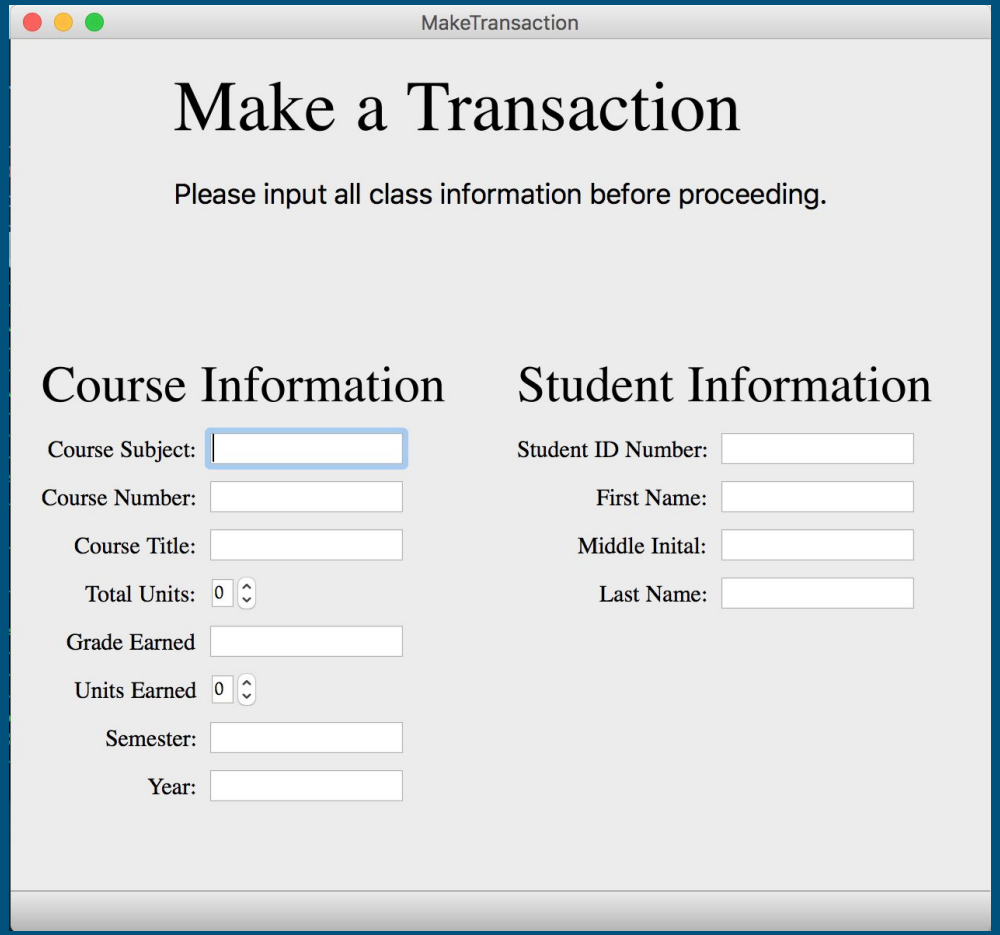


Current Basic UI (cont.)



Screenshots of UI





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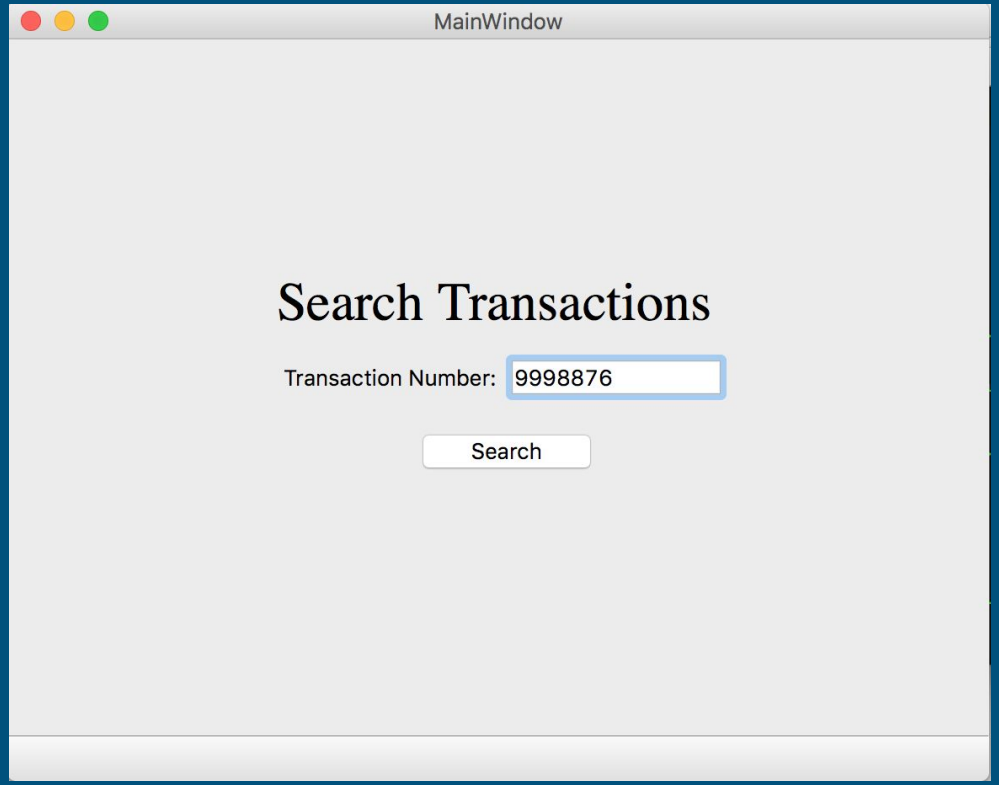
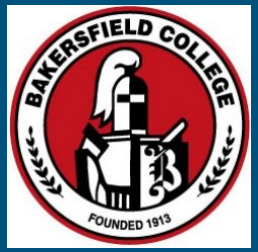


What’s next?

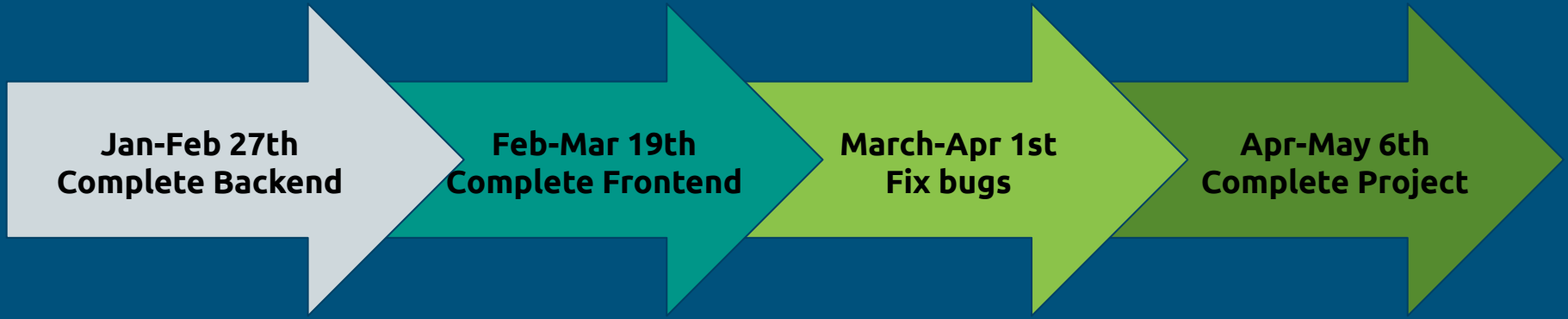
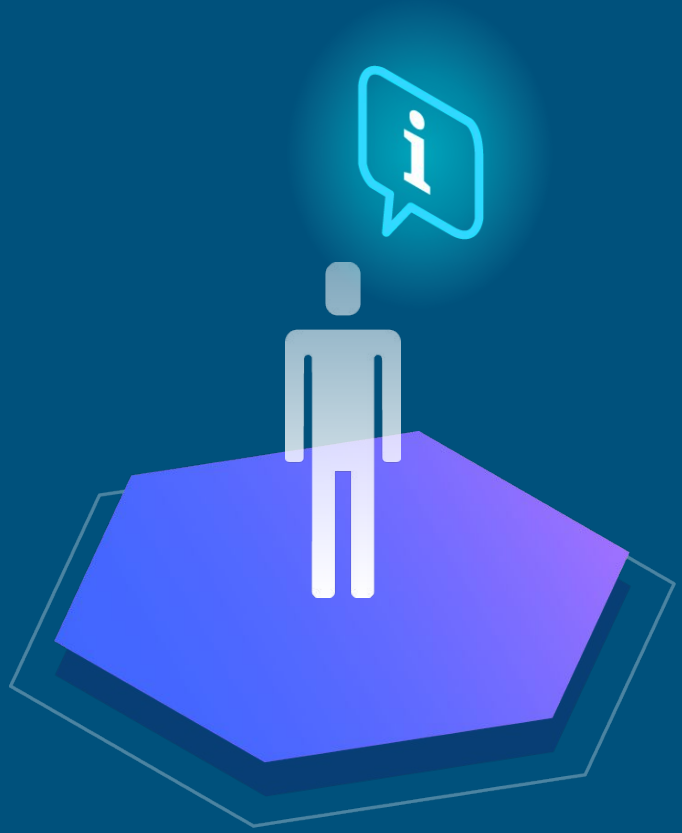
- Fixing bugs for the backend: Connection between devices
- Storing blockchain after running the program
- Enhancing the UI

Goals

- Introduce our “proof of concept” to the Kern High Schools District, Bakersfield College, and CSUB
- Change our application to fit Chevron’s need



Timeline


Jan-Feb 27th
Complete Backend
Feb-Mar 19th
Complete Frontend
March-Apr 1st
Fix bugs
Apr-May 6th
Complete Project

Question?