Second Iteration Demo:
CabX

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Github link: https://github.com/bazile-clyde/CabX (master branch)

1. The date and time at which you already completed this demo, and briefly describe any challenges that arose during the demo.

November 30, 12:30pm. Error messages are not contextualized (further description in section 2).

2. The specific use cases that were demonstrated, highlighting any changes since the First Iteration Demo.

Use cases demonstrated:

Cabx-001: Given an origin and destination, find ride-hailing service — verified that the information shown in the CabX app is the same as the ones shown in the Lyft and Uber apps

Cabx-002: Sort by price — works

Cabx-003: Sort by ETA — works

Cabx-004: Login to Access History — login works, but need to implement sign up

Cabx-006: Save Previous Search History — still stored in local data, but working on porting to database

Changes since First Iteration:

1. Login screen implemented
2. Ability to logout

To do (in order of importance):

1. Cabx-005 has to be done by final demo
2. Implement sign up functionality
3. Search results are cached — remove duplicates (having multiple entries for the same location is a bug)
4. If multiple locations detected, the app triggers an error message. We should implement a map suggestions list; if not, at least a targeted error message specifying why we can't get a ride-hailing services. Clarify to end user what's the error. *[Kiran's suggestion: before we send locations to Uber/Lyft, send it to Bing to make sure it's a valid search result. If not valid, show error message]*
    a. Handle errors for no routes
    b. Handle errors for low confidence level (multiple locations)

   c. Handle errors for invalid input
   d. Handle errors for Uber/Lyft service being down
5. (Nice to have) Keep from/to destination persistent

3. The specific CI mechanisms that were shown during the demo, including which technology you used.

This was completed in the first iteration demo.