Truong, Tipper

CS 175 Project

Android Project for CS 175: Appointment Manager

**Problem:** Small business owners tend to store their appointments in a large appointment book or binder, having an app to store all that is extremely convenient for them. Usually, an appointment book can cost 30+ dollars.

* Login/Register, use fingerprint sensor to log the user in.
* APIs:
  + Google API -> Track Real Time Location: <https://www.quora.com/How-do-uber-app-track-cabs-at-real-time-in-android>
  + Twilio API
* Home page, 3 tabs that contain:
  + List of Customers/Clients coming to their appointment from ascending order by date
    - Select a customer/client and you can REMIND them of their appointment
    - Give option to send the current location or ETA of where you are in the text message (depending on business like for example, a moving car dog salon business, plumbing, delivery, etc.)
  + Customers/Clients name, email, phone number
  + Money Management: How much does each client owe money, when it’s due, if they completed payment, edit, delete.
* Database
  + SQLite
* Tagline
  + In a mess? Let’s organize for success

HomePage

* Login/Register, use fingerprint sensor to login the user
* Sign up 🡪 Mobile Business or Stationary Business?
  + 3 Tabs 🡪 List of Appointments with CalendarView, List of Clients Information (Remind your clients about the appointments and navigate to location), Task delegation (Remind your coworkers of their jobs)