Wednesday 29th: Meeting with Anindya – Design Flow

* There is no registration system via the mobile app, this is done for them via Nuvven.
* ID given to them during registration process is their login ID
* Number of pickup/drop off corresponds to their company login – car fleet information that is displayed through the app is only information for that company
* 2 types of delivery
* 2 types of hire options – short term & long term

- Long term: - Pickup/drop off location is always the same

- Each contract is max 89 days, after the contract is revisited.

* Customer takes pictures of vehicle at both pickup and drop off with description attached to the pictures. Date & time are also added onto the pictures (done through the system)
* Taking pictures for not just damage but also cleanliness (both interior and exterior)
* 2 types of payment options – cash or card. Card can be payed straight or through a payment plan.s
* Initial layout is as follows: -Login page

-Forget password page

-Dashboard

* Forget password: Self-explanatory, email sent to customers given address with new password
* Dashboard: Only displays pickup & delivery information (with navigation to further pages)

Wednesday 29th: Meeting with Kyle – Backend API

* Total of 9 services + API gateway:
* Booking API
* Default requirements, how/when/where pickup, car addons/addons information
* Addons API
* Not many atm, insurance policy, inventory info (baby car seat, GPS, policies etc)
* Vehicle management API
* Fleet info, car data, licence plate, engine info, features of car, data pulled in from DVLA
* Customer management API
* Partners’ users, customer info (name, dob, email etc)
* Tenancy management API
* User settings, info (time zones etc), agreement with Nuvven
* User management API
* Partners’ info, fleet management, AWS info, login info etc
* Inventory management API
* When vehicles are booked, currently out on hire, scheduling, car availability etc
* Invoice management API
* Payments, charge backs, fines, scratching fees, invoice for bookings etc
* Telematics management API (working progress)
* Capturing data from car devices, GPS, speeding, ODB system, damages etc
* AWS cognito gives email, state, ID etc
* Apollo client – apollographql.com (info about client, client server etc)
* Graphql

All things we need to learn/know

* Apollo federation
* Apollo server
* Graphical
* Authentication = Amplify
* When NPM install amplify, talk to Nuvven, will give us accounts so we have specific permissions allowing us to do given things.
* Things for the week:

-Look into Amplify

-Login system

-Set up dependencies so login system will work