Notes from Kata Kickoff

Notes from O'Reilly kickoff.

Customers can cancel anytime

?? dbl check ~15:00 how much of architecture to build out ??

eu gdpr multiple languages

city license constraints parking vs drop-off speed othe rules

bike and scooters still work if without a charge should alert users to get to parking bay

cars, vans booking should not be allowed to go ahead without charge

total customers, avg rentals every EU country ea. country 5,000 bikes, 5,000 scooters, 200 cars, 200 vans

have hardware in vehicles that allows you to collect specific telemetry. you can define interface for hardware on vechile itelsf. e.g. smaple rate of gps.

assume going up assume all across europe looking to grow

subscriptions - not main focus for us at the moment

would like to scale-up

capital investment is in vehciles ongoing cost to maintain

would like more vehicles to be used more often before we expand fleet

use more frequentyl,

assume at any point can find a range on an ev charge

vans and cars stop operating while you run out of charge

can suggest business model changes, such as incentives

vans - 2-3 people mostly about carrying oround large items

bikes + scooters – can be swapped onsite, no special locations

customers book with a mobile app

google maps, wazyze - not neccesarily scope for us

GPS used for tracking, not dependent on cell

at the moment theft of vehcile is not the major issue

only worry about vehicle theft if it will solve these business problems

assume you get sent a GPS sample rate at least every 30s

have to book a certain time

communication is done via the mobile app, not via the vehicle

pay for time, not duration

trip sharing - out of scope, not focusing on now

EU-only. Not in UK or Ireland.

multiple langes multiple currency

no info about economic models (not made up).

cost should come into play for the solution. esp. costs that could change in the future.

b2c business

ai - patent violation concerns

can use a cloud provider or be model/cloud agnostic

Deliverables

- ☐ Overview
- ☐ Diagrams - comprehensive and targeted view
- ☐ ADRs for AI-related implementations, including trade-off analysis

    - ☐ Risks - esp. related to AI

Dealing with uncertainty in AI - how are you building for change in the future,

- ☐ Changing provider
- ☐ Price flucutation
- ☐ Provider shutting down

Does it work

- ☐ How will you know if it is working
- ☐ Verifying functionality - GenAi is non-deterministic
- ☐ How will you know if AI starts mis-behaving

Andrew - Judge

really looking for is seeing train of thought, showing thinking.

knowing why pickded it.

book facilitating software architecture

Guyathri - Judge

looking forward to interesting AI solutions.

looking to add AI in meaningful ways for clients.

assumptions being clearly called out callin gout risks protect business revenue pricing and practicalities

book fullstack testing

? can we use genai to come up with architecture?

not going to judge, but purpose of this kata is to come up with ideas and practice.

might use genai to prep some of deliverables.

note methodology.

ADR should call out risks like vendor lock-in, risks of portability

Should not be submitting proprietary info. Submission is a public repo.