

Android Taxi App

Description:

App to display the list of taxis in and around Hamburg area. It's a two-page app showing the taxi info as List and on Map screen.

Screens:

Taxi List Screen:

1. Displays the list of taxis in and around Hamburg area.
- 2.'Pull to Refresh' option to update the list as and when required.
3. Each Item displays Type of Fleet (Taxi/Pooling), Heading direction (as East, NE, SW, etc) and location coordinate of the taxi
- 4.On Press of an item from the list takes to Map View

Taxi Map Screen:

1. Displays the selected taxi on Map on first time load
2. When User moves around the Map, available Taxis are again fetched and displayed within the bound of the map.
3. Fleet Type TAXI is denoted as yellow car and POOLING as Red car
4. Map Styling is used to get a dark themed map
5. Tap on each taxi, intuitive card is displayed with the taxi details

Tech stack and libraries

1. Kotlin
2. MVVM with Android architecture Components
3. Data binding
4. Retrofit
5. Junit
6. Anko
7. Google Maps

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Screenshots:

