

Background

We have a [test app](#) for Auth0 Login that will show the user name after a successful login.

Task:

Using:

- MVI Architecture
- Android Jetpack Navigation
- Android Jetpack compose
- Retrofit2
- Hilt
- Unit Test

Please refactor this project to have:

- Screen 1 :
 - Has only one button for login
 - **login with credentials :**
 - **singh.rajdeep@thinksys.com**
 - **w!tchDoctor*22**
 - After a successful login,
 - Save user credentials
 - Which comes from
 - `fun onSuccess(credentials: Credentials)`
 - Load User info and save it
 - Which comes from
 - `client.userInfo(accessToken)`
 - the app navigates to Screen 2
- If a user has opened the app while logged in before, it should directly navigate to "Screen 2".
- Screen 2 :
 - Show User Name at the top of the screen,
 - Log out button (at the bottom of the screen), when the button clicked it:
 - Should clear all user-related data.
 - Should navigate "Screen 1."
 - List of trips (between User Name and Log out button)
 - When "Screen 2" opens, call Journey details API (more about it below).
 - Show list of `journey.legs[0].stops` names

- When a user clicks on a stop name, a toast will show the `stopCode`

Journey details API :

Curl Example :

```
curl -H "Host: api.apps.dev.operator.mobli.io" -H "content-type: application/json" -H "authorization: Bearer <TOKEN>" "https://api.apps.dev.operator.mobli.io/v1/driver-app/transit-route/poc"
```

Replace `<TOKEN>` with the user token from `credentials!!.accessToken`

Expected response: (Stops has been `highlighted`)

```
{
  "status": "OK",
  "journey": {
    "id": "J5tGjG2urEqymoKCgD9p",
    "orgId": "0iWI4CswZnYhMc31vNq5",
    "journeyIcon": "https://storage.googleapis.com/optiki-pub-static/img/crossAT_icon_2x.png",
    "ownerId": "8eed032e4fdbf438660858c084c3e1c1",
    "organisation": {
      "id": "0iWI4CswZnYhMc31vNq5",
      "name": "Auckland Transport",
      "icon": "https://storage.googleapis.com/optiki-pub-static/img/crossAT_icon_2x.png",
      "currency": "NZD",
      "serviceType": "SCHEDULED"
    },
    "request": {
      "journeyPlanGroupId": "5ae39e15-5414-4279-b936-0cd5466648b7",
      "origin": {
        "name": "419 Khyber Pass Road, Newmarket, Auckland 1023, New Zealand",
        "lat": -36.8668933,
        "lng": 174.7745497,
        "latLng": {
          "lat": -36.8668933,
          "lng": 174.7745497
        }
      }
    }
  },
}
```

```
    "destination": {
      "name": "Stop E The Civic, Auckland 1010, New Zealand",
      "lat": -36.85108169817482,
      "lng": 174.7643105221085,
      "latLng": {
        "lat": -36.85108169817482,
        "lng": 174.7643105221085
      }
    },
    "passengers": {
      "Adult": 1
    },
    "planMode": "TRANSIT",
    "providerId": "0iWI4CswZnYhMc31vNq5",
    "ignoreAvailabilityRules": false
  },
  "agent": {
    "orgId": "0iWI4CswZnYhMc31vNq5",
    "userId": "8eed032e4fdbf438660858c084c3e1c1"
  },
  "origin": {
    "name": "419 Khyber Pass Road, Newmarket, Auckland 1023, New Zealand",
    "latLng": {
      "lat": -36.8668933,
      "lng": 174.7745497
    },
    "type": "NORMAL"
  },
  "destination": {
    "name": "Stop E The Civic, Auckland 1010, New Zealand",
    "latLng": {
      "lat": -36.85108169817482,
      "lng": 174.7643105221085
    },
    "type": "NORMAL"
  },
  "status": "QUOTE",
  "payments": [],
  "departureTimeEstimated": "2022-02-21T21:44:52Z",
  "departureTimePlanned": "2022-02-21T21:44:52Z",
  "arrivalTimeEstimated": "2022-02-21T21:57:04Z",
  "arrivalTimePlanned": "2022-02-21T21:57:04Z",
```

```
"distance": 3002,
"co2Emission": 52,
"fares": {
  "currency": "NZD",
  "faresItems": [{
    "type": "Adult",
    "number": 1,
    "otherFees": [],
    "fares": 2
  }],
  "faresExtraItems": [],
  "additionalFees": [],
  "promotions": [],
  "discounts": [],
  "commissions": [],
  "totalBaseFares": 2,
  "totalBaseFaresDiscount": 0,
  "totalDiscount": 0,
  "totalCommission": 0,
  "tax": 0.26,
  "totalFares": 2,
  "bookableFares": 2
},
"legs": [{
  "id": "6358dfc6-fb14-455e-9e19-e2c078c20e3d",
  "productName": "Default Product",
  "productCode": "DEFAULT",
  "orgId": "0iWI4CswZnYhMc31vNq5",
  "organisation": {
    "id": "0iWI4CswZnYhMc31vNq5",
    "name": "Auckland Transport",
    "icon":
      "https://storage.googleapis.com/optiki-pub-static/img/crossAT_icon_2x.png",
    "currency": "NZD"
  },
  "serviceType": "SCHEDULED",
  "duration": 714,
  "distance": 2985,
  "tripId": "63:51438251924-20220221170629_v100.8",
  "routeId": "63:03007-20220221170629_v100.8",
  "route": "30",
  "routeShortName": "30",
```

```
"routeLongName": "Onehunga To City Centre Via Manukau Rd",
"agencyId": "NZB",
"agencyName": "New Zealand Bus",
"geometry": {
  "encodedPolyline":
"rq_`Fwtvi`@KCE\\c@jDk@zE]`CWpB?D?@F@GCC@fDk@~EGZEXGb@K|@WhBGd@S`Bgb@Gb@[~B?Fc@bDKt@m@
hFYlBADLBMCC@nD]pCCZAB?FABAF?@?@EJ?BABCHA@KX[b@KRIRA@?@A?U@?AcAQYIYGUCq@AJ@KqAYQIyBeAK
QSM{DkBgG{CaABA?MBKLoAnECb@l@@jA?FsAg@yAg@CLBMcBi@GCkC}@g@Ss@UmBo@aA]gA]qE{AiDiA_F}AG
p"
},
"mode": "BUS",
"modeIcon":
"https://storage.googleapis.com/optiki-pub-static/img/icons/icon_bus.png",
"headsign": "City Centre",
"origin": {
  "name": "Melrose Street",
  "latLng": {
    "lat": -36.86698,
    "lng": 174.77468
  },
  "stopId": "63:7177-20220221170629_v100.8",
  "stopCode": "7177",
  "stopSequence": 24,
  "type": "TRANSIT",
  "departureTimeEstimated": "2022-02-21T21:45:06Z",
  "departureTimePlanned": "2022-02-21T21:45:06Z"
},
"destination": {
  "name": "Stop E The Civic",
  "latLng": {
    "lat": -36.85105,
    "lng": 174.76431
  },
  "stopId": "63:7055-20220221170629_v100.8",
  "stopCode": "7055",
  "stopSequence": 29,
  "type": "TRANSIT",
  "arrivalTimeEstimated": "2022-02-21T21:57:00Z",
  "arrivalTimePlanned": "2022-02-21T21:57:00Z"
},
"stops": [{
  "id": "63:7177-20220221170629_v100.8",
```

```
      "stopCode": "7177",
      "name": "Melrose Street",
      "latLng": {
        "lat": -36.86698,
        "lng": 174.77468
      },
      "arrivalTimePlanned": "2022-02-21T21:45:05Z",
      "departureTimePlanned": "2022-02-21T21:45:06Z",
      "zoneId": "merged_10",
      "stopIndex": 23,
      "stopSequence": 24
    }, {
      "id": "63:7175-20220221170629_v100.8",
      "stopCode": "7175",
      "name": "Khyber Pass Road/Mountain Road",
      "latLng": {
        "lat": -36.86626,
        "lng": 174.77132
      },
      "arrivalTimePlanned": "2022-02-21T21:46:23Z",
      "departureTimePlanned": "2022-02-21T21:46:23Z",
      "zoneId": "merged_10",
      "stopIndex": 24,
      "stopSequence": 25
    }, {
      "id": "63:7171-20220221170629_v100.8",
      "stopCode": "7171",
      "name": "Madeira Place",
      "latLng": {
        "lat": -36.86463,
        "lng": 174.76351
      },
      "arrivalTimePlanned": "2022-02-21T21:49:17Z",
      "departureTimePlanned": "2022-02-21T21:49:17Z",
      "zoneId": "merged_10",
      "stopIndex": 25,
      "stopSequence": 26
    }, {
      "id": "63:7151-20220221170629_v100.8",
      "stopCode": "7151",
      "name": "Symonds Street/Upper Symonds Street",
      "latLng": {
```

```
        "lat": -36.86231,  
        "lng": 174.76132  
    },  
    "arrivalTimePlanned": "2022-02-21T21:50:59Z",  
    "departureTimePlanned": "2022-02-21T21:50:59Z",  
    "zoneId": "merged_10",  
    "stopIndex": 26,  
    "stopSequence": 27  
  }, {  
    "id": "63:7063-20220221170629_v100.8",  
    "stopCode": "7063",  
    "name": "Queen Street/Karangahape Road",  
    "latLng": {  
      "lat": -36.85703,  
      "lng": 174.76174  
    },  
    "arrivalTimePlanned": "2022-02-21T21:54:04Z",  
    "departureTimePlanned": "2022-02-21T21:54:04Z",  
    "zoneId": "merged_10",  
    "stopIndex": 27,  
    "stopSequence": 28  
  }, {  
    "id": "63:7055-20220221170629_v100.8",  
    "stopCode": "7055",  
    "name": "Stop E The Civic",  
    "latLng": {  
      "lat": -36.85105,  
      "lng": 174.76431  
    },  
    "arrivalTimePlanned": "2022-02-21T21:57:00Z",  
    "departureTimePlanned": "2022-02-21T21:57:01Z",  
    "zoneId": "merged_10",  
    "stopIndex": 28,  
    "stopSequence": 29  
  }  
],  
  "attributes": [],  
  "co2Emission": 52,  
  "fares": {  
    "faresBasis": "ZONAL",  
    "pricingMode": "CROSSED_ZONE",  
    "pricingZones": {  
      "origin": "City",
```

```
        "originZoneId": "uC0BonLy4ogOZPPHzQRV",
        "destination": "City",
        "destinationZoneId": "uC0BonLy4ogOZPPHzQRV",
        "allZones": ["City"],
        "allZoneIds": ["uC0BonLy4ogOZPPHzQRV"]
    },
    "currency": "NZD",
    "faresItems": [{
        "type": "Adult",
        "number": 1,
        "persona": "Adult",
        "faresPerPax": 2,
        "paxCountDiscount": 0,
        "otherFees": [],
        "fares": 2
    }],
    "faresExtraItems": [],
    "additionalFees": [],
    "promotions": [],
    "discounts": [],
    "commissions": [],
    "totalBaseFares": 2,
    "totalBaseFaresDiscount": 0,
    "totalDiscount": 0,
    "totalCommission": 0,
    "tax": 0.26,
    "totalFares": 2,
    "bookableFares": 2,
    "faresEngineId": "FXOnT9m5TSjssizJHe85",
    "faresEngineVersion": "2020-02-08_0.2_at_rate_changes_effective_09-Feb"
    }
}],
"lastModified": "2022-02-21T21:36:01Z",
"quotedFaresInclLinked": 2
}
}
```


Please include your source code and any instructions required to run the project.

Submission

Please submit a zip file containing all the resources to the following Google Drive location:

<https://drive.google.com/drive/folders/1JTKi7zvwVef-y-ofOJgSDRgpjITjHCTB>

Please let us know once you've uploaded your submission, if you have any questions feel free to contact Yahia directly via [0276169603](tel:0276169603).