



QA Automation Development Challenge

Duration: 7 days

You are encouraged to do at least 2 in 3 tasks.

I. Using Selenium to write test script to test the followings:

1. Open the website: <https://openweathermap.org/>
2. Search the city: "Los Angeles, US"
3. Verify the city name is displayed correctly
4. Verify the current date is displayed correctly
5. Verify the temperature is displayed correctly (it is a number).

II. Write a test script to retrieve information from this a github project (for example this one <https://github.com/SeleniumHQ>) using github API:

1. How many total open issues are there across all repositories?
2. Sort the repositories by date updated in descending order.
3. Which repository has the most watchers?

III. Jitsu company has a mobile application is run in Android os to help driver can register their account to deliver shipments from warehouse to customer. This mobile app has a feature name Tutorials to guide the new driver explore and learn business himself.

Using Appium to write test script with following steps:

1. Driver logins the app.
2. He opens the Profile screen and taps on the Tutorials
3. He sees 3 sections: Assigned Route, Direct Booking, Ticket Booking
4. He taps on Assigned Route
5. He is in Active Assignment screen and sees the starting of tutorial which is choosen in step 4.

6. In case exist an Assigned Route tutorial in Active Assignment, you should quite it by clicking on Start Tutorial then

Link to get the apk file:

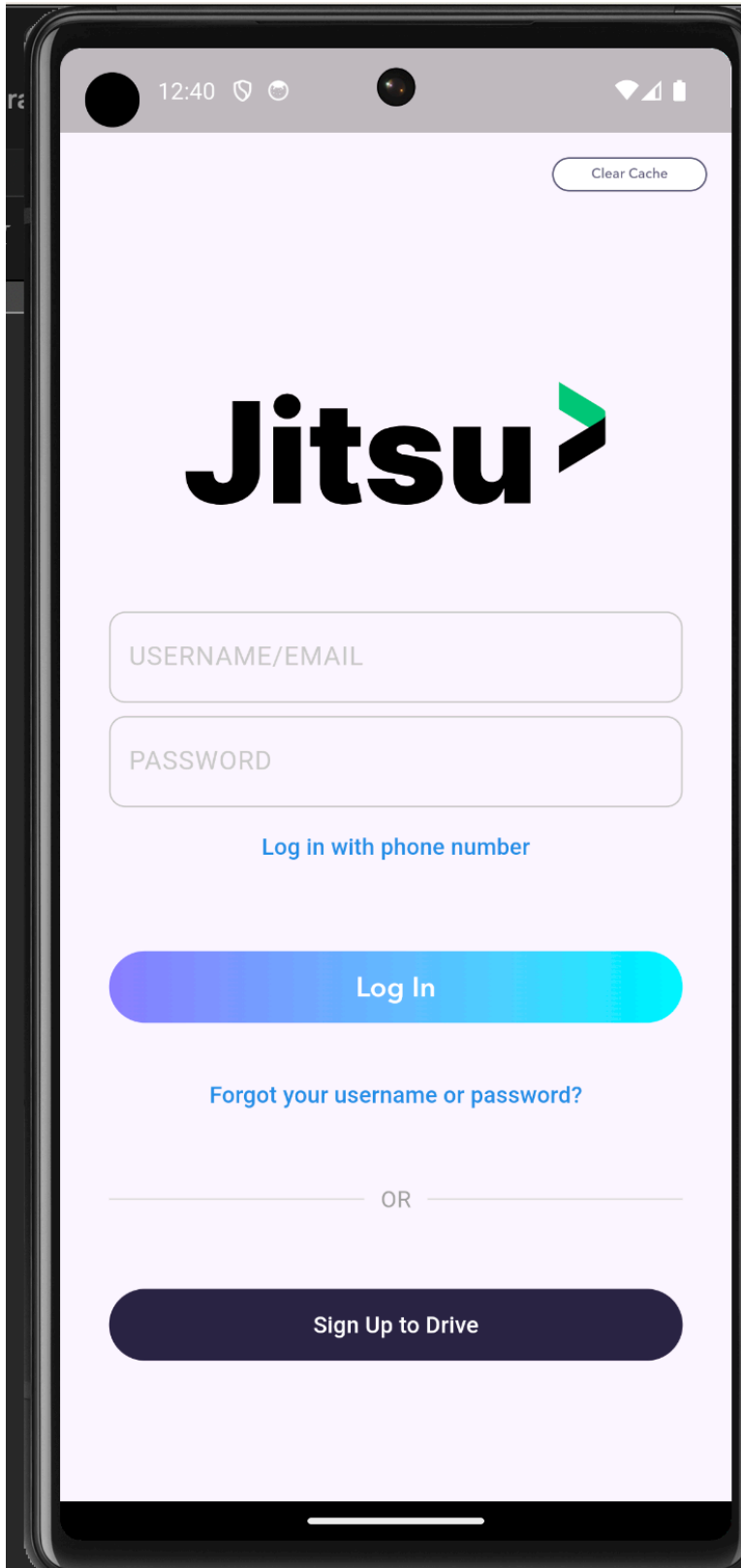
<https://drive.google.com/file/d/1dUgCO1UbBsJhyNwshT6OhKXWTjP4prPI/view?usp=sharing>

Driver username: **auto_244332**

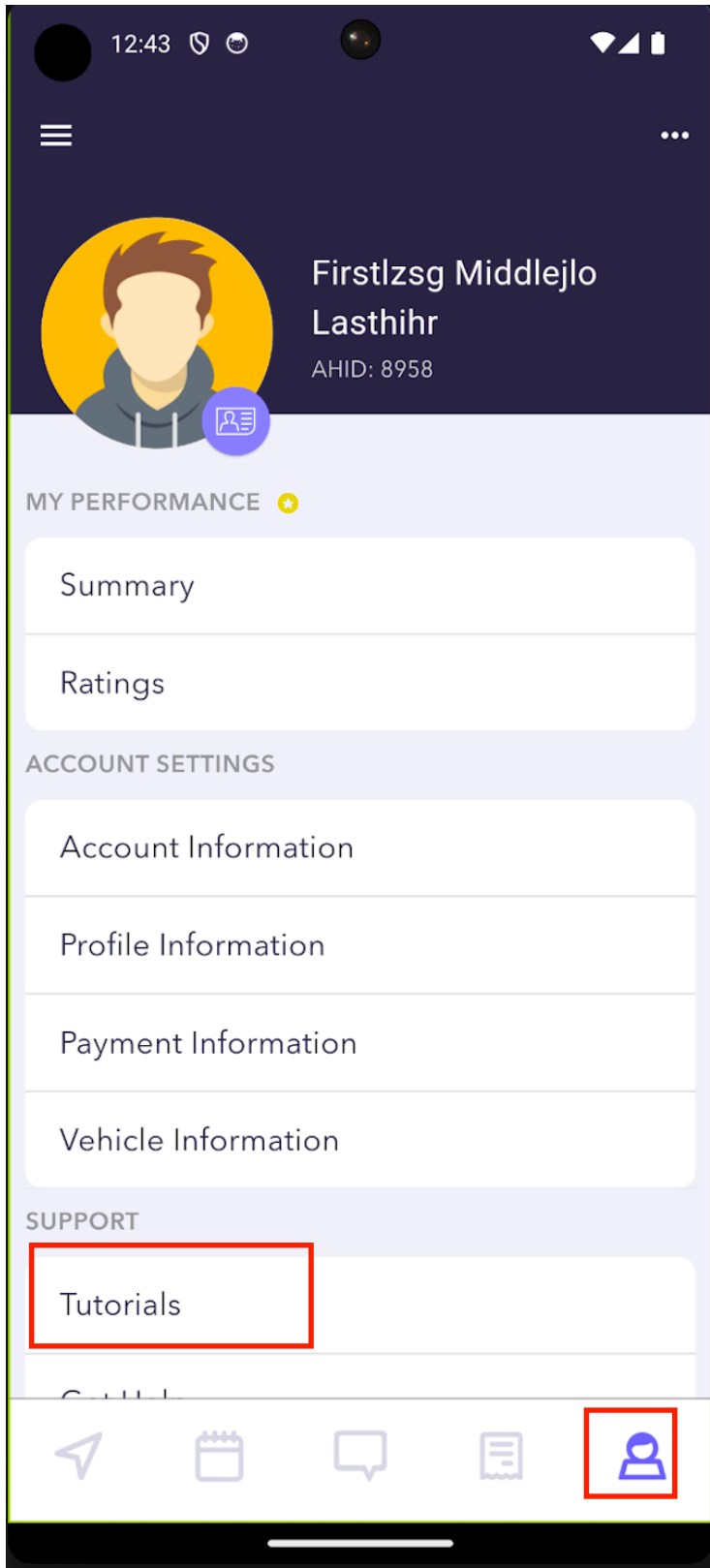
Driver password: **Testing1!**

There are screens in driver app that need to go through:

1. Login screen



2. Profile sceen:



3. Turtorial screen:



12:44



Tutorials

Assigned Route

Learn about the pick-up and drop-off process once a route has been assigned to you.

Direct Booking

Learn about the process for selecting and delivering a route in areas where we allow direct route booking.

Ticket Booking

Learn about the process for selecting and delivering a route in areas where we have ticket booking.

4. Active Assignment screen:



Active Assignment



Tutorial: Assigned Route

Learn the pickup and dropoff process once a route has been assigned to you.

Start Tutorial



Notes:

- When your project is done, please share with us as a public GitHub.
- README.md should contain all the information that the reviewers need to run and use the app.
- Record a video how the script is executed in your computer and send to us.

Ideal candidates should be able to:

- Using Java language
- Proven practical knowledge in writing automation test is PLUS:
 - BDD approach.
 - Page Object Model usage.