



Haulio Pte Ltd

Mobile Development Team Technical Test

Time Allowed: 24 Hours

Instructions to Candidate:

1. This test paper comprises **SEVEN (7)** printed pages, including this page.
2. Please submit your question to Github or Gitlab repo with a README showing the screenshots of what you have done.

Project

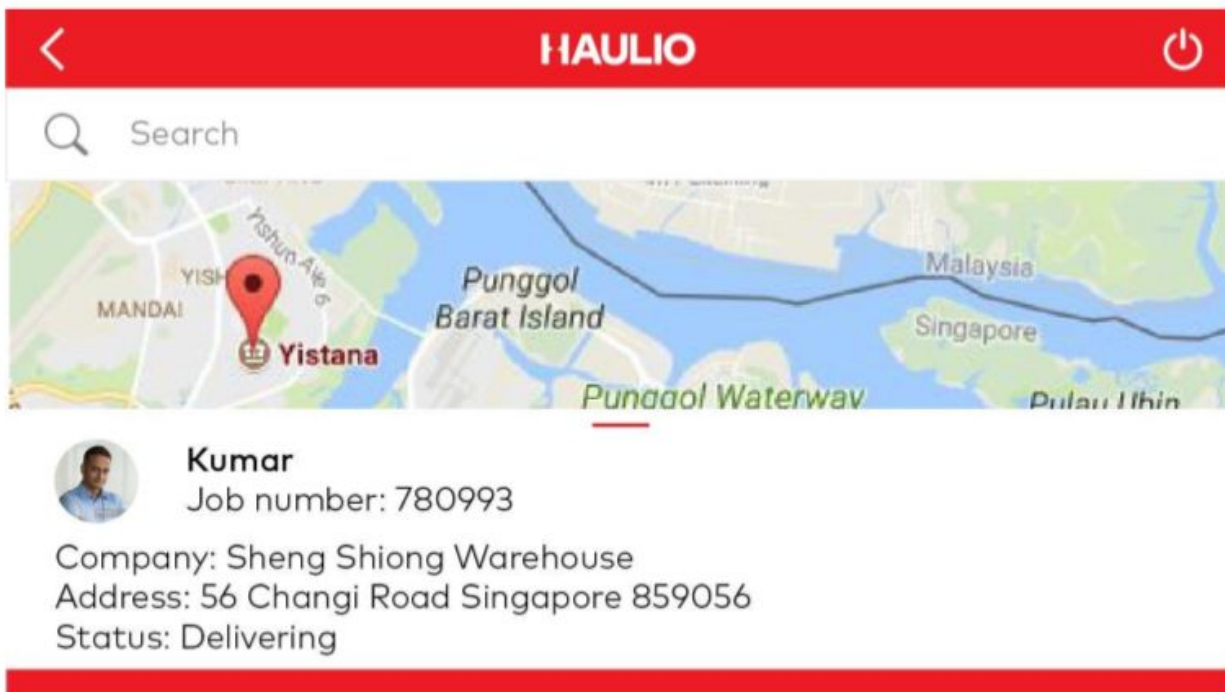
We would like to develop a mobile app for the truck drivers to help them easily find the nearby important places, such as restaurants and parking places while they are driving to do their allocated jobs.

Our eventual goal is to provide a dynamic, clean interface for the use across Android and iOS phones to make the drivers happily use the app.

However, we would like to create a Proof-Of-Concept (POC) version of the app to test our ideas with some of the drivers first. Since it's POC, you need to deliver at least four requirements stated below.

Please demonstrate your final product on actual Android/iOS phone at the end of the test.

Take note that all the requirements require to be mobile responsive, for example:

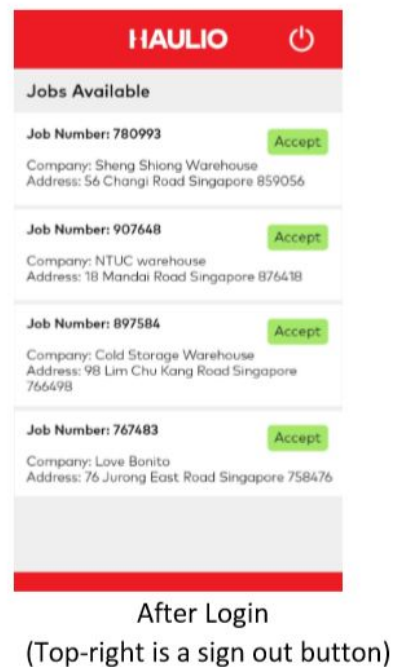


POC Requirements

Requirement 1: Authentication

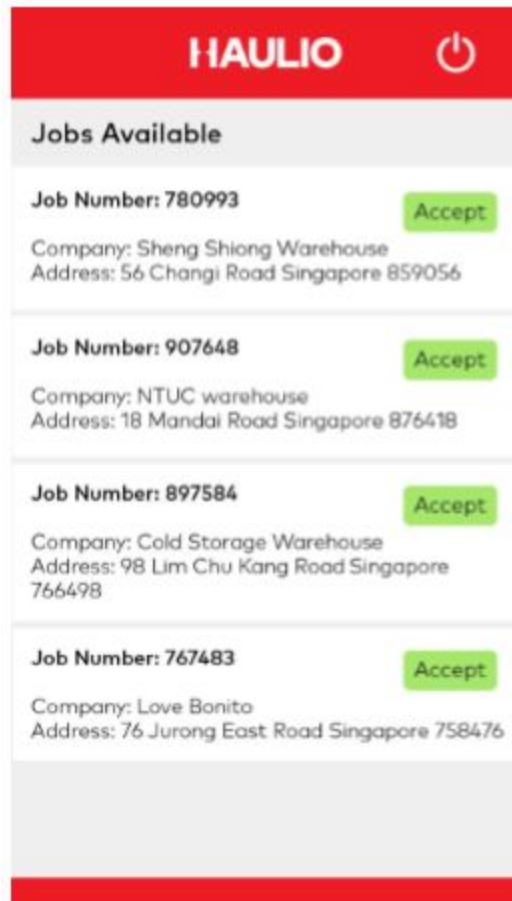
All of the drivers have Google account. Hence, we would only allow the drivers to login to the app using their Google account. Before logging in, the drivers cannot do anything else with the app.

Once the driver is logged in, there needs to be an option for the driver to log out.



Requirement 2: List of Jobs

Please retrieve the job data from the JSON file located at <https://api.myjson.com/bins/8d195.json> and display the jobs on the app.



Requirement 3: User Profile

The app needs to show the following information of the drivers from their Google account clearly.

- Given name
- Profile photo
- Job number that the driver just picks from the list.

Do not show any other information which is not stated in the list above.

Requirement 4: Geolocation and Map

Please provide a map to show the current location of the logged-in user. There needs to be one marker on the map to show the current location clearly and another marker showing the job location.



Requirement 5: Search

Allow users to search the place directly by keying in keywords. Best if there is an autocomplete function.

