

# Frontend Coding Assignment – Angular

## Dear Candidate,

Thank you for taking the time to work on this assignment. We are glad you want to join our team. We have created this exercise to be fun but challenging as well.

We won't use your code as a pass/fail criteria. We will take a look at the code and use that as a discussion point in your second interview. We will actually do a code review together. ;)

So please take as much time as you need to finish it and let us know if you might have any questions. We are here to help and clarify any doubts you might have (as a real **#supportive** team).

When you are done, please forward your code using your preferred format (.zip, GitHub, Dropbox, etc) to your Swapfiets contact. It would be nice if you would send the code at least 24h before your interview and it would compile without too much trouble. 🙏

Good luck and happy coding.

Cheers,

The logo for Swapfiets, featuring the word "Swapfiets" in a stylized, blue, cursive script font. The letters are connected, and there are horizontal lines under the "S" and "f".

Team Swapfiets

# Project Description

We ask you to create a simple application using Angular and the following open API:

[https://bikeindex.org/documentation/api\\_v3](https://bikeindex.org/documentation/api_v3)

## Acceptance Criteria

- The final application should consist of a **Bike Search** and a **Bike Detail** view
- Bike Search
  - The user can search for bikes by a given city name
  - A list of bikes is provided by: [GET /v3/search](#)
  - A list of results are displayed below the search input
    - Each result has a link that navigates to a bike detail page.
- Bike Detail
  - Use bikes API to fetch details about the bike. [GET /v3/bikes/{id}](#)
  - Display on the bike detail page some information about a bike and the picture of the bike.

## Technical tips

- Approach the assignment as if it was meant for production. Use this opportunity to demonstrate best practices related to Angular, UX and frontend development in general.
- At Swapfiets, two of our core values are [#madesimple](#) and [#makeithappen](#). So please, don't overthink the solution and [keep it stupid simple](#).