



Home Assignment

It's your first day on the job. Everybody is super excited to have you.

There is an urgent task that has been waiting just for you.

So grab a coffee and get coding.

You are tasked with implementing a web application that translates IP addresses into countries.

1. Phase 1



The image shows a mockup of an "IP Lookup" form. At the top, there is a title bar with the text "IP Lookup" on the left and a close button (an 'X' icon) on the right. Below the title bar, the main content area contains the instruction "Enter one or more IP addresses and get their country". Underneath this instruction is a blue button with a white plus sign and the text "+ Add". Below the button is a horizontal line. Under the line, there is a list item consisting of a grey circle with the number "1" inside, followed by a rectangular text input box.

- The page should be based on the attached mocks.
 - The page should include an "Add" button that will add a new row with a label and a textbox.
 - When the textbox loses focus perform the search.
- You should be able to search several IP's simultaneously

2. Phase 2

IP Lookup

×

Enter one or more IP addresses and get their country

+ Add

1

IP Lookup

×

Enter one or more IP addresses and get their country

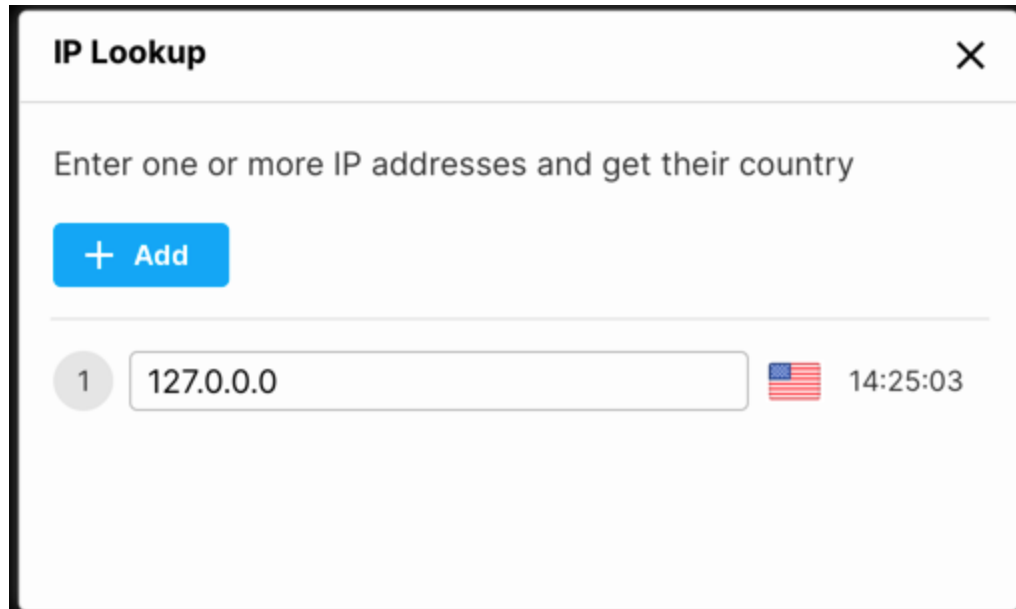
+ Add

1

127.0.0.0

- Textbox should be disabled when searching
- There should be client-side input validations
- While searching, show a clear indication regarding the operation status
- You should handle errors in a friendly way.


3. Phase 3

A screenshot of a web application window titled "IP Lookup" with a close button (X) in the top right corner. Below the title bar, there is a text prompt: "Enter one or more IP addresses and get their country". Underneath the prompt is a blue button with a white plus sign and the text "+ Add". Below the button is a horizontal line. Under the line, there is a list item with a grey circle containing the number "1". To the right of the circle is a text input field containing "127.0.0.0". To the right of the input field is a small US flag icon. To the right of the flag is the text "14:25:03".

IP Lookup

Enter one or more IP addresses and get their country

+ Add

1 127.0.0.0  14:25:03

- Once you get the location the textbox should be enabled again and you can edit and search for different IPs.
- Show the local time (hh:mm:ss) next to the location the time should be real-time which means it needs to be updated.

Notice: UI/UX aspects will be taken under consideration, please pay attention to those matters.

Non - Functional Requirements

- At Torq, we use TypeScript and Vue.js 3, you are free to use whatever you like, TypeScript and Vue.js 3 will be an advantage.

Bonus

- Write unit tests to cover your code
- CI/CD