Hipo

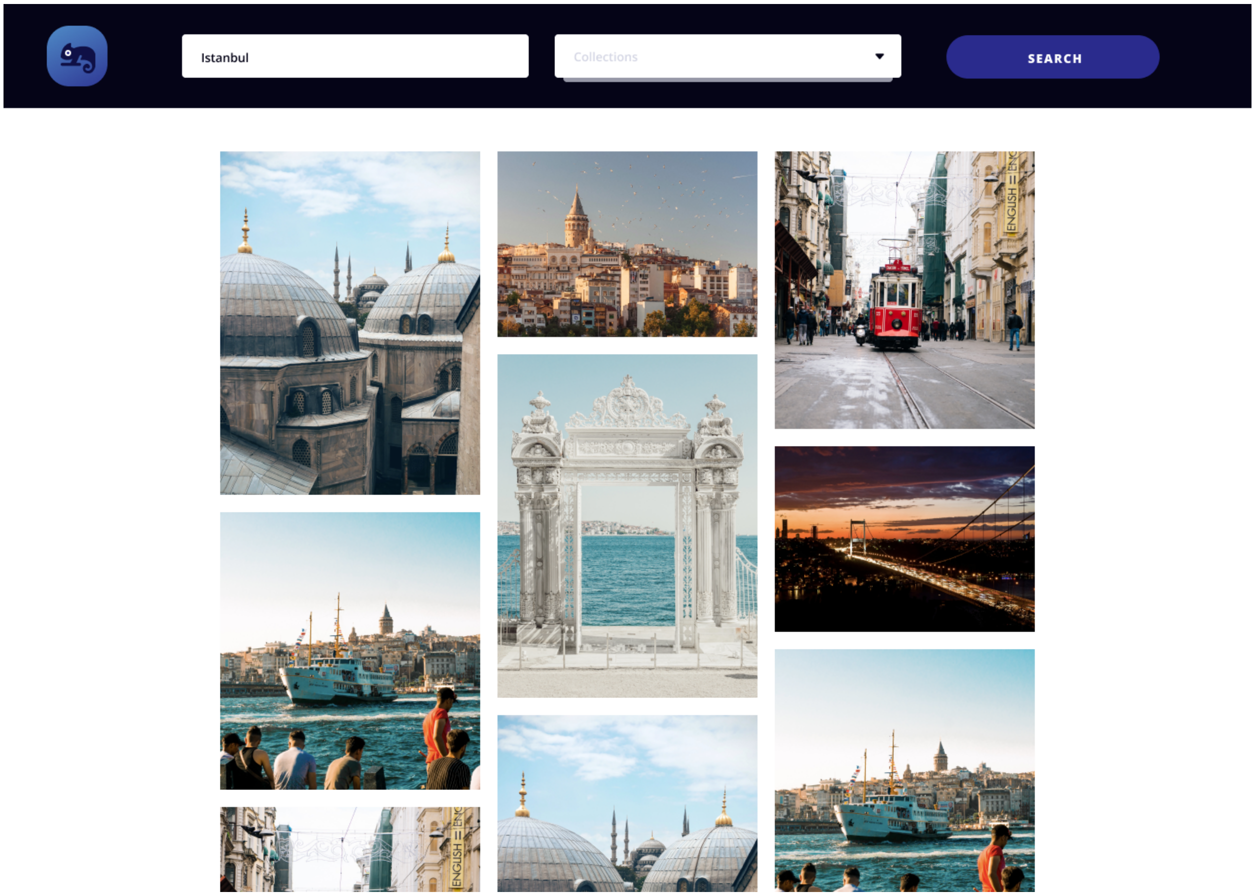
What is the goal?

The topics covered by this exercise are actually the basics of frontend development. Completing this exercise will prepare you for Hipo. Having a decent knowledge on these topics will allow you to easily join the team and learn new skills faster.

Basic topics covered by this exercise are:

- Version control (GIT)
- API interaction
- Javascript/Typescript **(You can implement with Vanilla JS and/or React**)
- Layout & style implementation
- Use of automation tools (feel free to choose any of them)

What should you build?
We want you to build an Unsplash client using VanillaJS, TypeScript and/or React. Don’t worry, it’s quite simple. Here is a mockup of what we want.



Istanbul

- In this web application, users will explore the photos published to Unsplash in a certain collection with a certain keyword. For example, someone might be interested in nature photography and want to explore photos taken in Istanbul. Then, he can type in \`Istanbul\` and select \`Nature\` from the dropdown to search Unsplash.

- Your website will use the Unsplash API to fetch photos that contain the keyword user provides in the \`Query\` input and within the collection user selects from the dropdown. Please read the API documentation to see which endpoint is suited for this purpose.

- After the application's initial bootstrap, it should make a request to Unsplash API to fetch photos that matches with query "Istanbul", without a default collection filtering. After a successful search, the user will be displayed a masonry grid of search results as seen in the mockup above. Note that the header on results page should be fixed and not scroll with the list of photos.

- When user clicks on any photo in the results page, it should open the detail of that page on Unsplash in another browser tab.

Some important key points:

- You can find the Unsplash API documentation here: https://unsplash.com/documentation
- Note that you need to create a developer account on Unsplash to use their API.
- You can provide any option to the \`Collections\` dropdown. The dropdown options should not exceed 10 in number. Feel free to hardcode the options or retrieve them from the API.
- There should be a loading indicator while the request is pending.
- Please include a README file. Descriptive README files are important for any project as they explain how the project works.

Design

Transforming complex designs to HTML & CSS in a seamless and accessible way is a critical skill for being a part of the team at Hipo. Your final implementation will be reviewed against the provided design comp. You need to create a Figma account. The design documentation will be supplied over Figma:
Web Homework Designs

Timing

You should complete this exercise in one week or so. Applicants who do not complete this exercise will not be accepted to the position.

Questions?

If you are stuck at some point, or if you have questions about the scope, we are always here to help you. Please don't hesitate messaging us anytime for help.

Bonus:

Additional features and improvements on the basic requirements are welcome. A few ideas:

- You can cache the results of a particular search. Then, if I search with the same keyword and within the same collection, I should get the cached results without making another request to the Unsplash API.

- Pagination could be a nice addition to the basic requirements.

- There's no design for a "no result" case for the search list. You may display something as you fit appropriate for this scenario.

- There's a design for an error state if the request is failed for some reason. You may handle this case as well.

- Make the website responsive and suitable for mobile devices: Building responsive sites is a time-consuming task, so this is only a bonus feature, but it will go a long way towards proving your CSS skills if you are able to deliver a responsive implementation. You have the design, use your imagination for smaller screen sizes.