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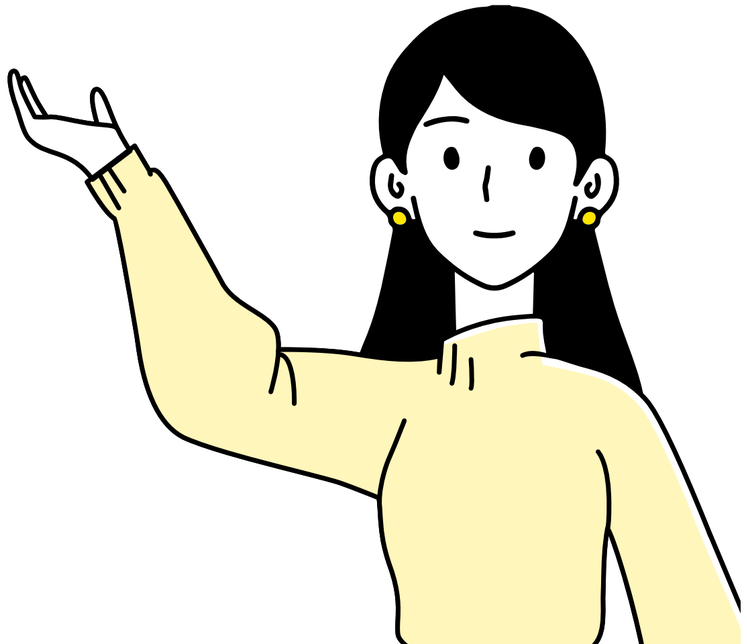
Practical lesson



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Our goal is to build Grocery Application with several features

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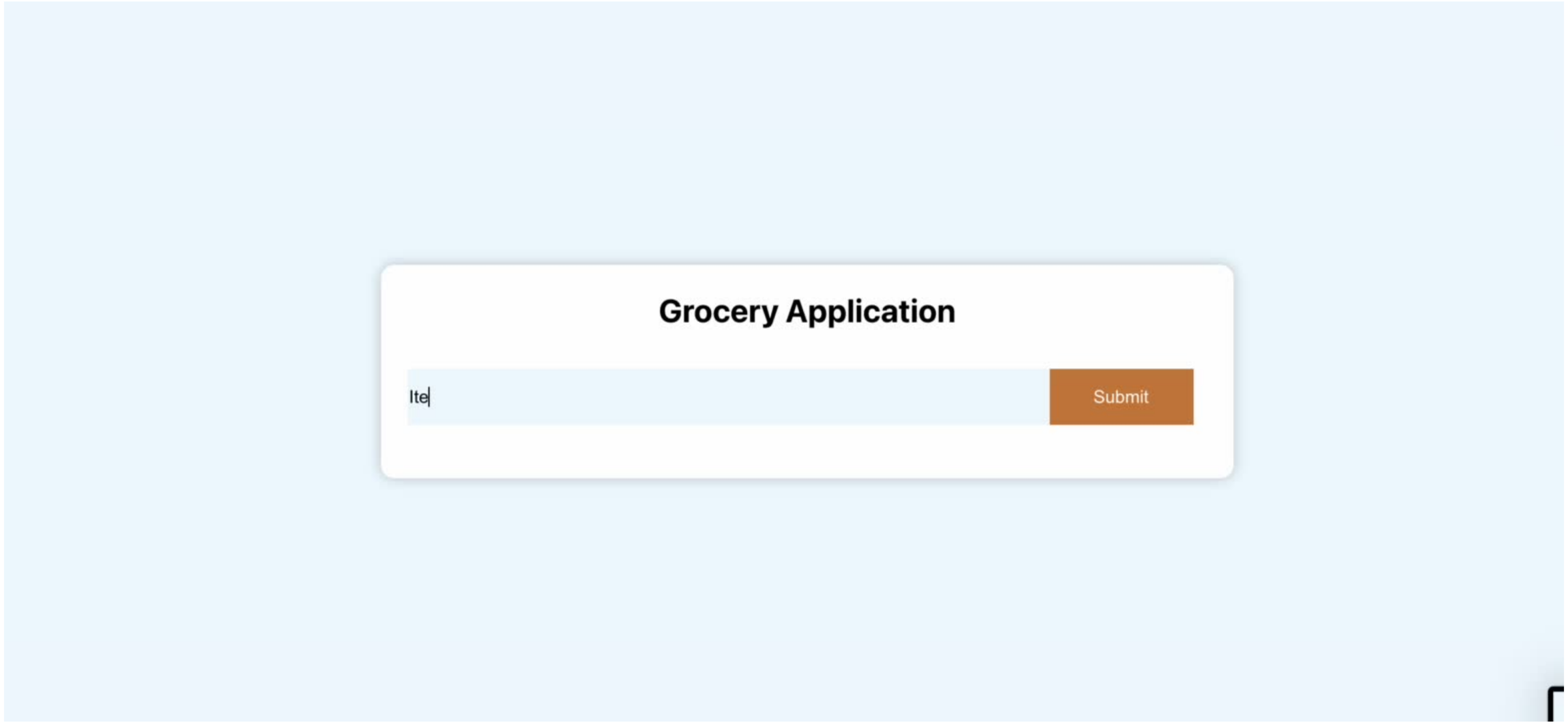

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Steps to do

- Install project, preparing environment

- Create Interface:
  - Input for adding information
  - list with the buttons of edit and delete
  - button for clearing all items from the list

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States for information

- State for the input value
- State for list of the items
- State for edit the item
- State for getting id of item for editing it
- State for hiding and showing alert

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The **preventDefault()** method of the Event interface tells the user agent that if the event **does not get explicitly handled**, its default action should not be taken as it **normally would be.**

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The global **setTimeout()** method sets a timer which executes a function or specified piece of code once the timer expires.

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The global **clearTimeout()** method cancels a timeout previously established by calling **setTimeout()**.

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React Icons

https://react-icons.github.io/react-icons

Package for IDs

https://www.npmjs.com/package/uuid

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Final Project

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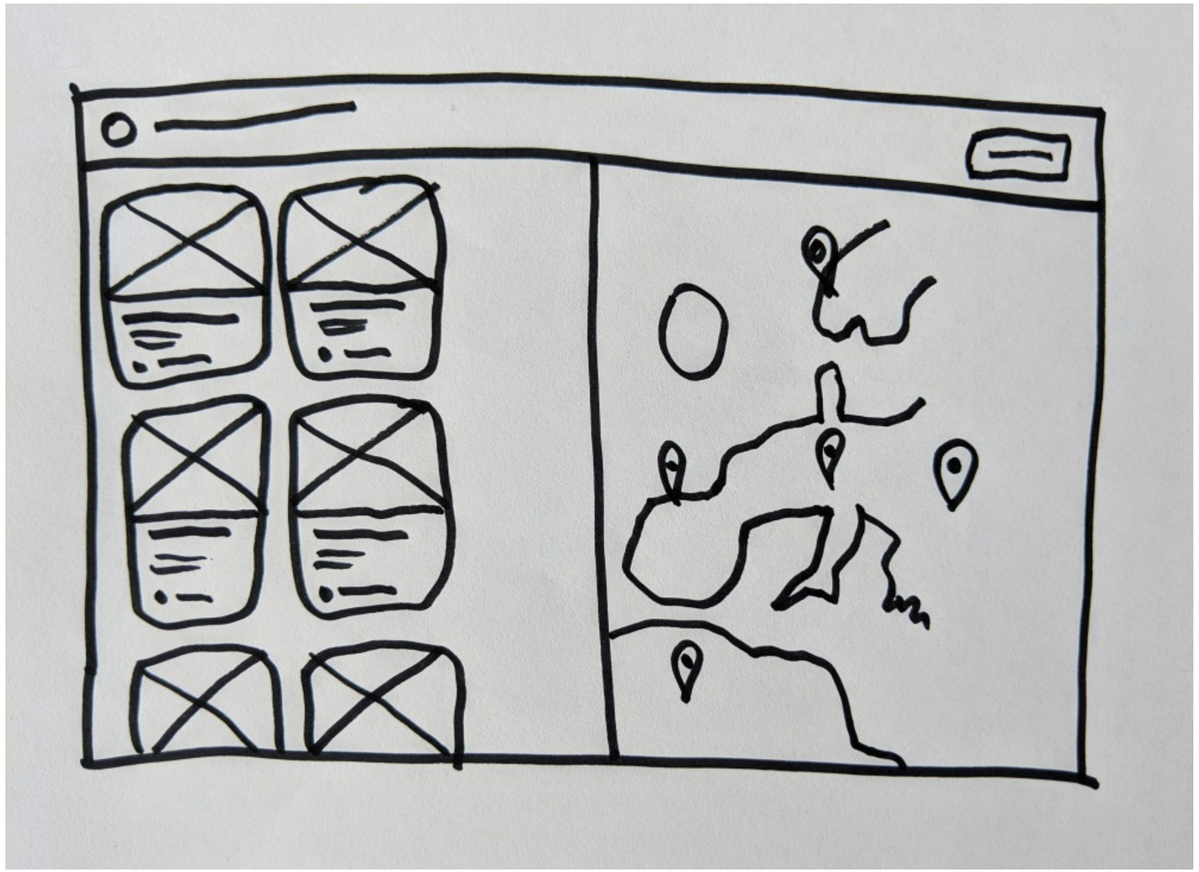

- Left: Blog Post preview cards
- Right: Google Map with markers at the positions of the blog posts

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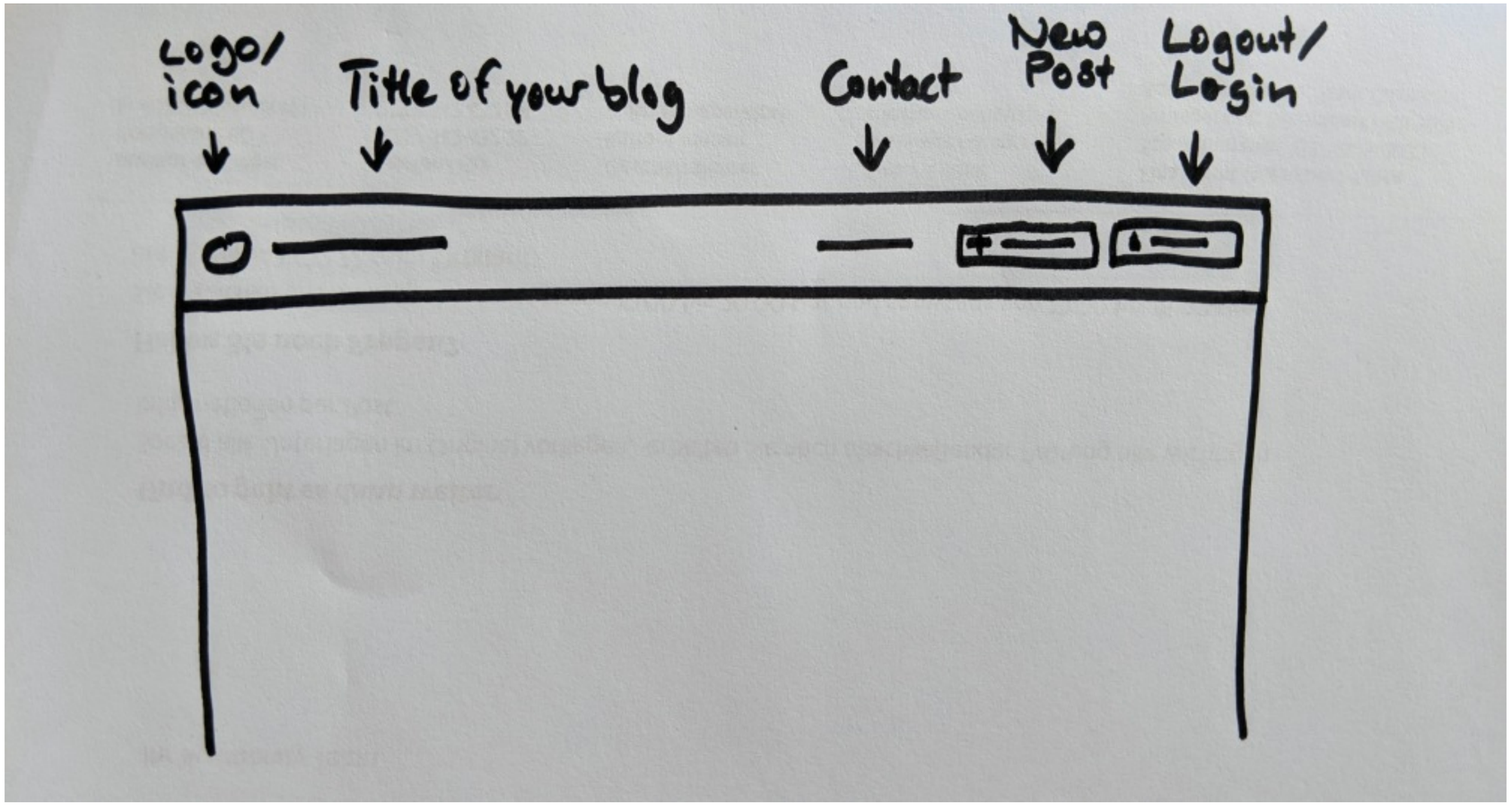

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- World Map with Google Maps API
- Research for a method to integrate the Google Maps API into a React-Component to display a world map.
- For each blog post, put a marker on the map at the location of the post.
- Initially the map gets centered by the newest blog post entry.

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Display Blog Posts at Location

- Make the markers clickable: on click, show the short preview of the blog post in the "InfoWindow".
- It contains:
  - title
  - visiting date
  - authors image and name (can be hardcoded)
  - Place a link, which links to the detail page: /post/:id
  - The InfoWindow can be closed by clicking on the "x" (which is placed at right-top in the InfoWindow

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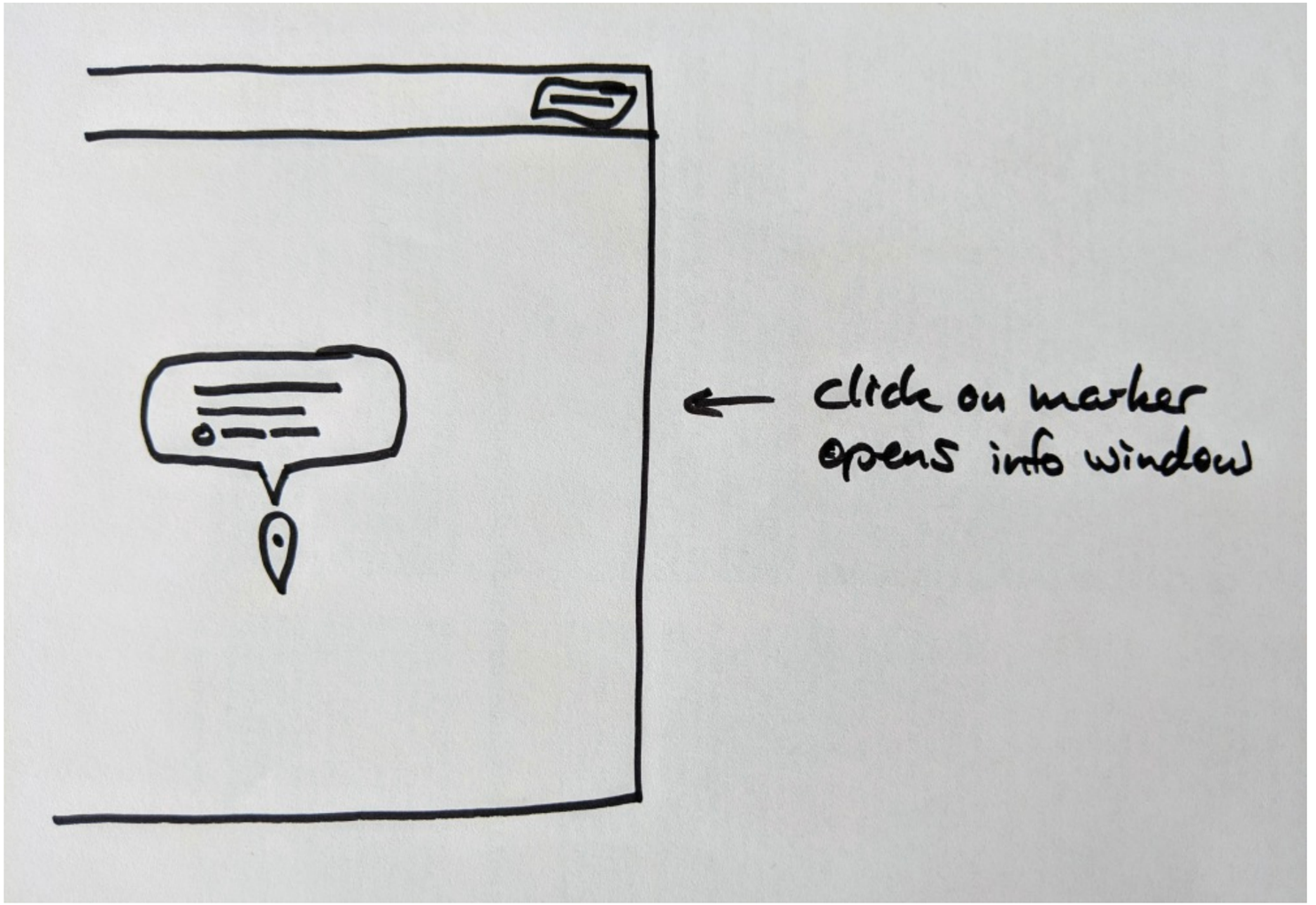

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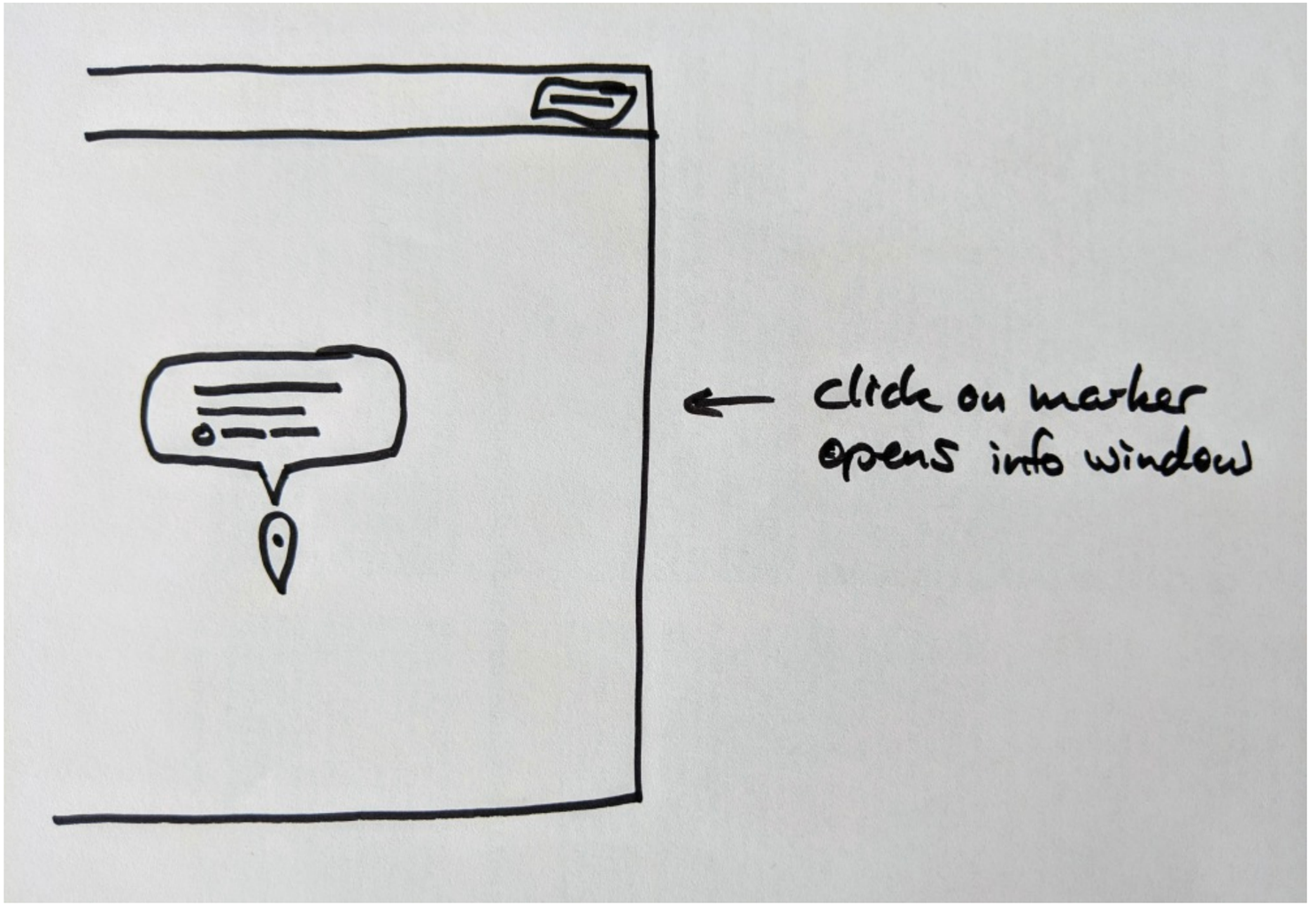

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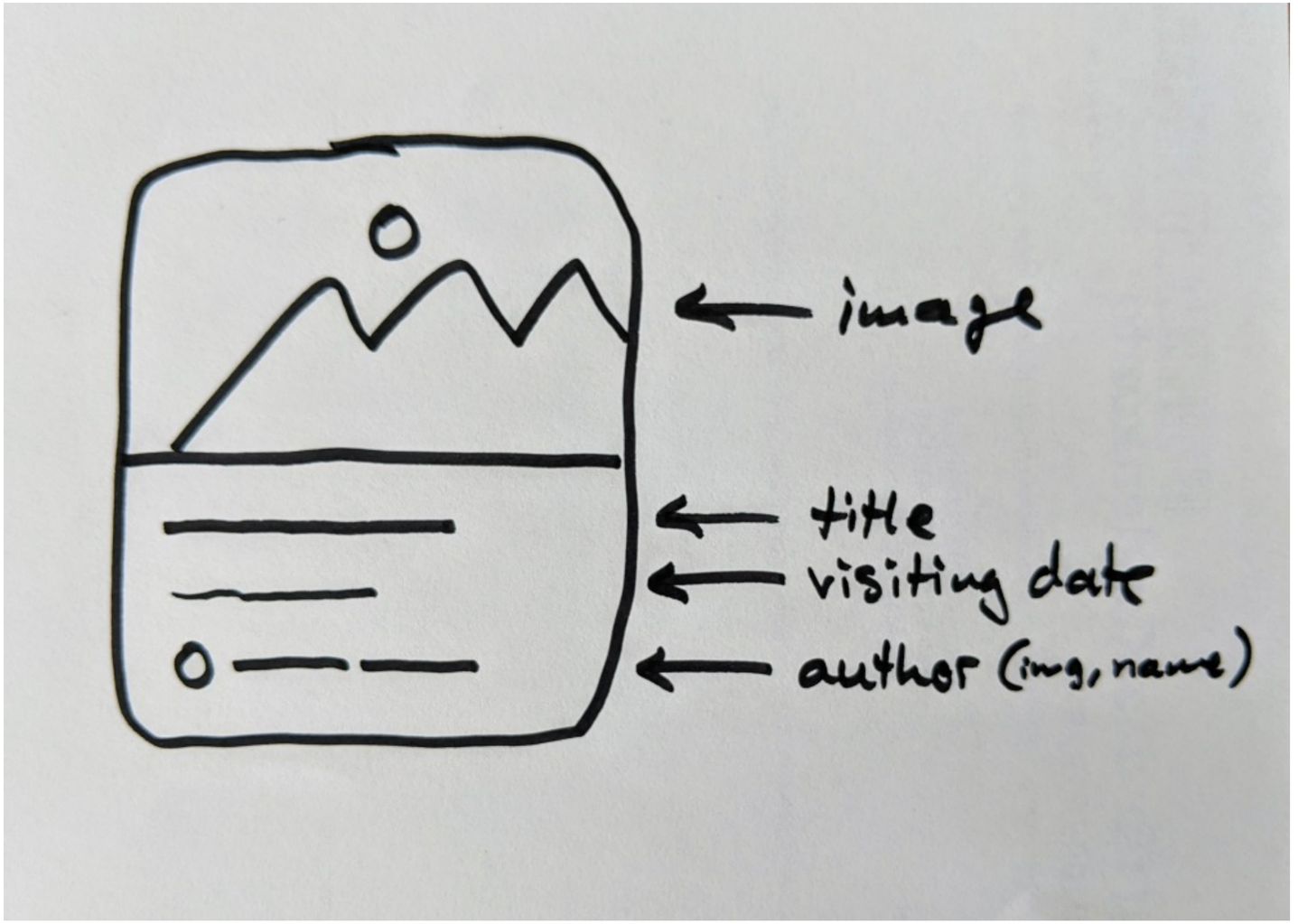
Blog Posts

- Blog Post Previews
- On the left all blog posts are listed as previews.
- The blogs are ordered ascending by visiting date.
- Each preview contains:
  - title
  - visiting date
  - authors image + name (can be hardcoded)
  - image
  - When user clicks on one of the listed blog post than she gets linked to the detail page /post/:id

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