



EX 1: Google Search Interface Redesign



Principles of Interaction:

- **Minimalism and Speed:** The Google search interface in 2004 emphasized minimalism, focusing on speed and simplicity. Users were presented with a clean interface that immediately directed them to the search task.

- **Instant Feedback:** As users began typing, Google introduced features like auto-suggestions, providing instant feedback and guiding users to the information they sought with minimal effort.



Atomic Design Breakdown:

Atoms

Molecules

Organisms

Templates

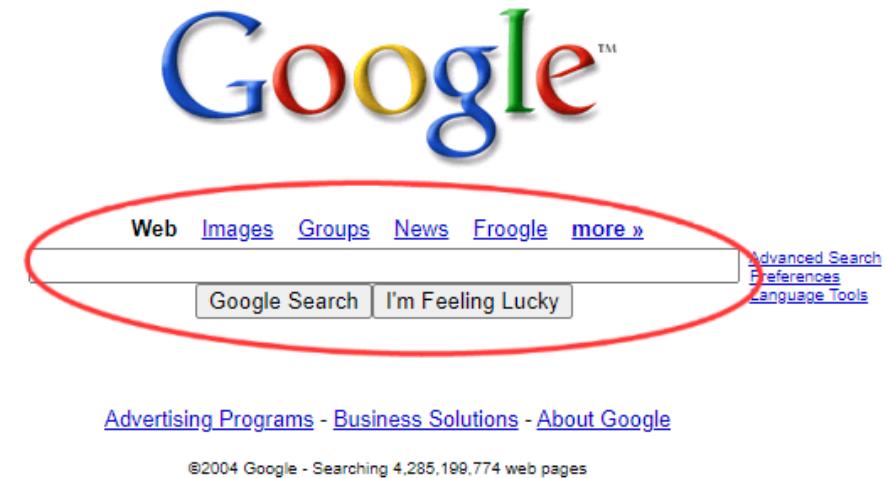
Pages

Atoms

Search Button: A simple button labeled "Google Search" is an atomic component.

Search Input Field: The input box where users type their queries is another atom.

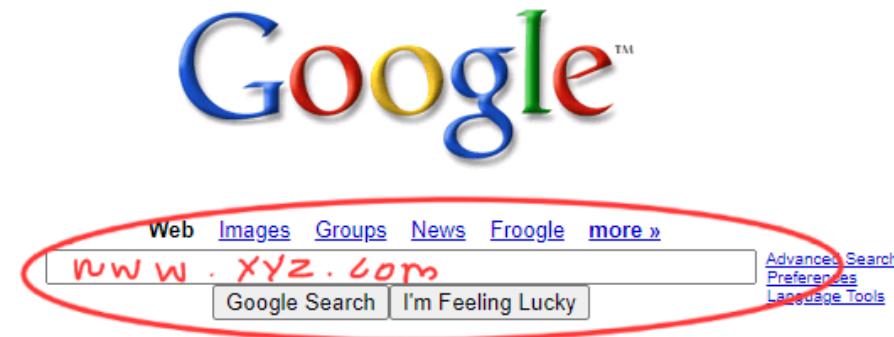
Auto-Suggestions: As users type, a drop-down list of suggested queries appears, each suggestion being an atom.



Molecules

Search Bar Molecule: This combines the search input field with the search button, creating a functional unit that allows users to enter and submit queries.

Auto-Suggest Molecule: The search input field paired with the drop-down list of suggestions forms a molecule, enhancing the functionality of the input field.



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Organism

Search Header

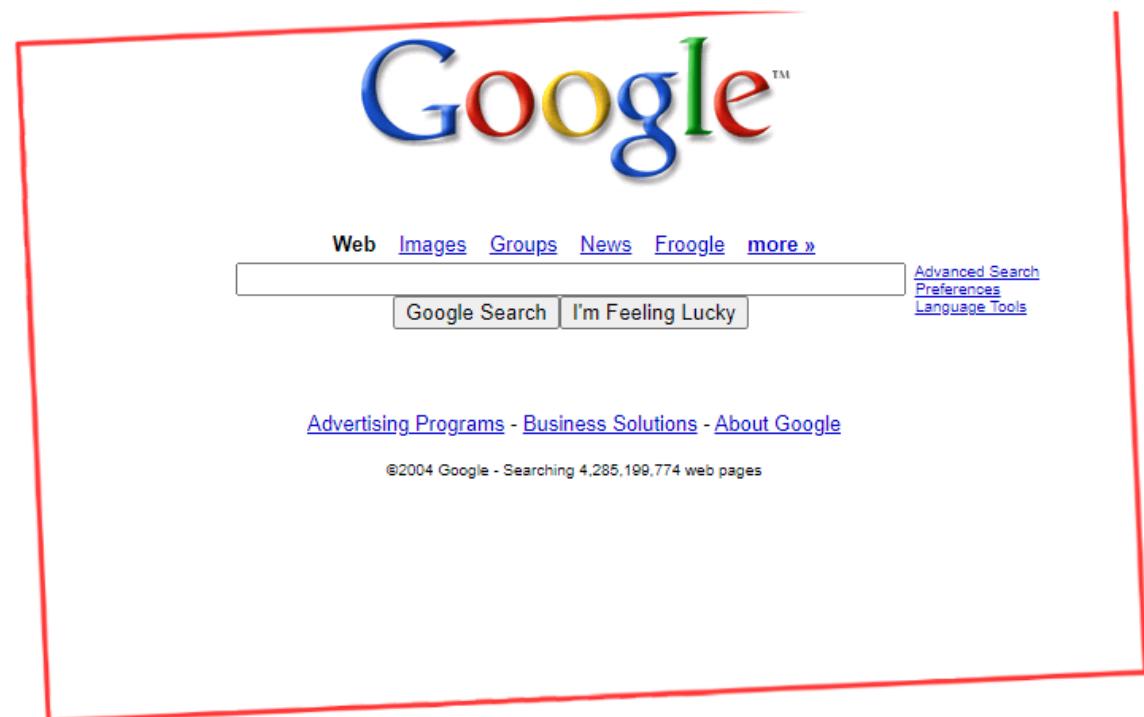
Organism: This organism includes the search bar, Google logo, and auto-suggestions together. This collection of elements works together to create the primary search functionality.



Templates

Search Page

Template: The template for the Google homepage includes the Search Header Organism at the center, surrounded by minimal navigation options and branding elements.



Pages

01

Google Home Page: The final page as users see it, fully populated with all the necessary components, including the search bar, auto-suggestions, and minimal navigation options, ready for user interaction.