

[Gmail Clone \(ReactJS Redux, Firebase, Auth + More\)](#)

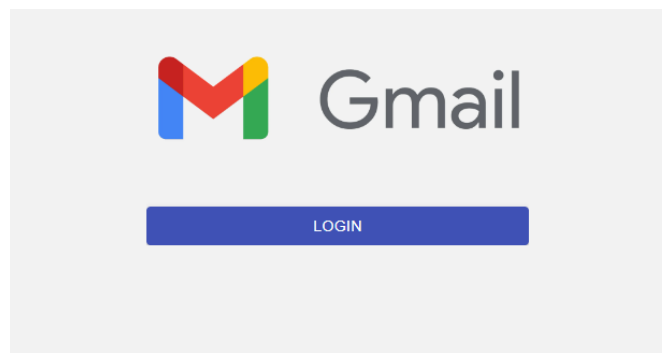
[Project description :](#)

This is the documentation for a clone of the **GMAIL** mailbox. This application is for **demo** and **educational purposes** only.

Not all of the application's functionalities are necessarily reproduced in their entirety, as we are concentrating essentially on the main functionalities in the interests of time and difficulty. As these applications are not commercialized, it is neither useful nor necessary to reproduce the entire application, but only a part of it, in order to apply the basic **React** framework.

[Part1: OAuth Google Login](#)

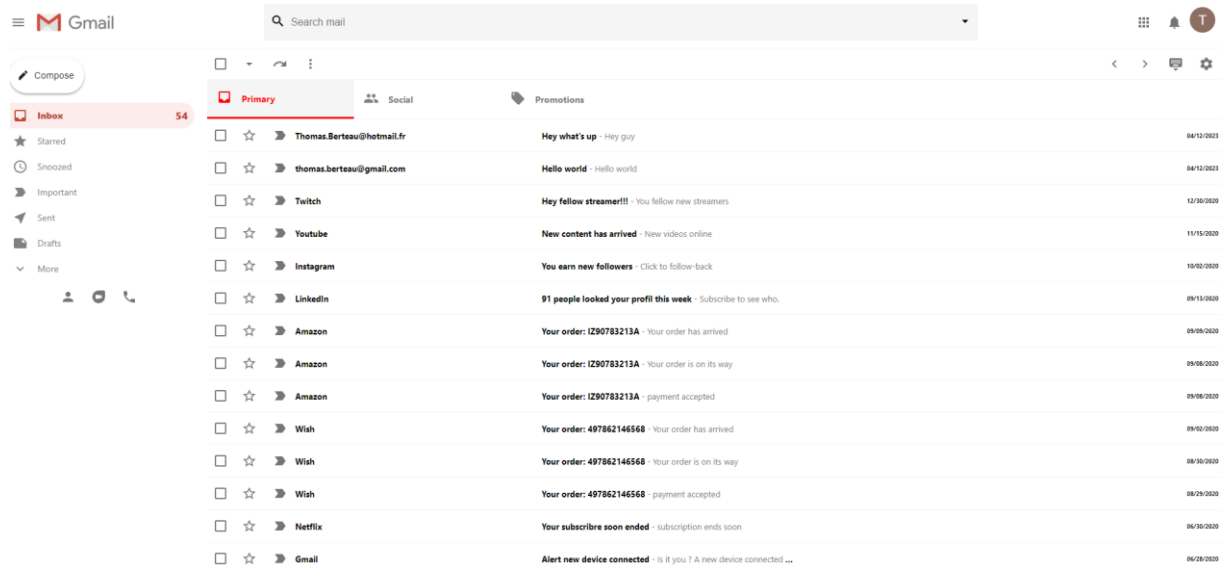
You'll first be taken to the login page, where you'll need to log in with a Google account. For your information, these OAuth login methods (Facebook, Google, Github) are more secure than the classic login, password method.



Click on login button and choose the google account with which you wish to browse.

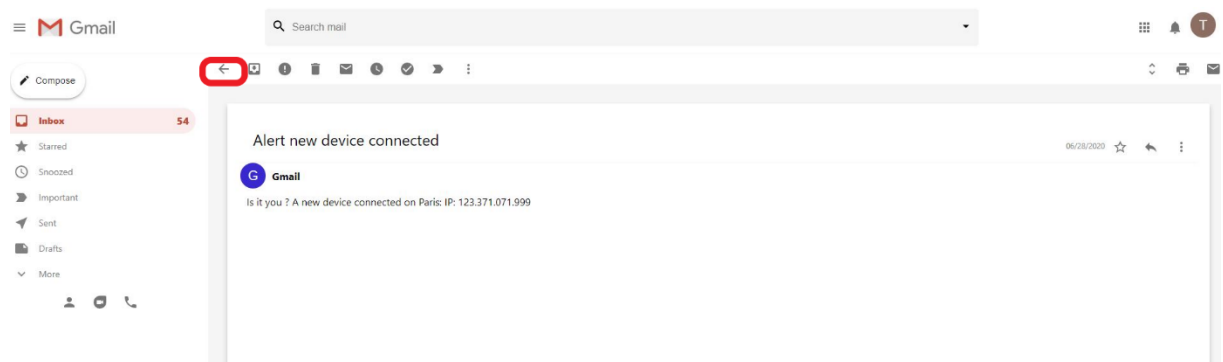
Part2: Email Navigation

You arrive on a list of emails that are either fake (created at the start of the application so that you can test the application, even if the database is empty), or created by other users of the application.



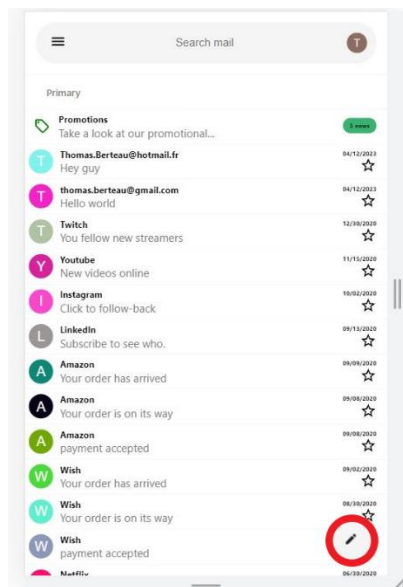
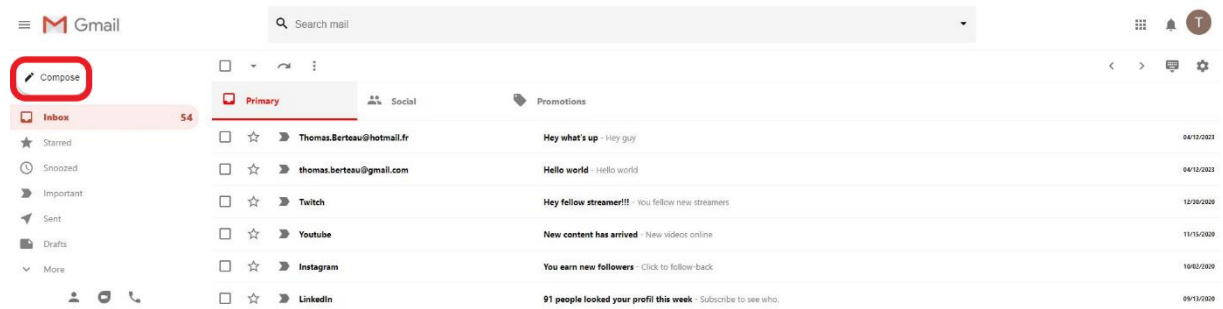
When you click on an email in the list, you enter it and can view its contents.

To return to the mail list, click on the arrow pointing to the left in the navigation tools below the search bar.

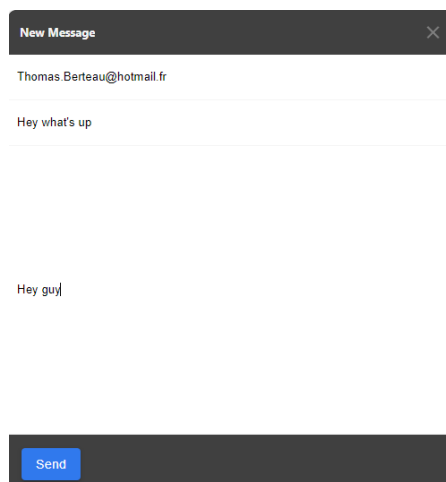


Part3: Add email to the list

To write an email and add it to the list of received emails, click on the compose button (if you're on a computer) or on the pen icon (if you're on a cell phone).



A modal will appear on the screen, in which you can choose the recipient, the subject and the message of the e-mail. Then click on send. The new mail will be stacked on top of the list of received mails.



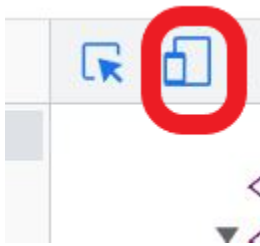
Part4: Logout

To logout from the app, you can click on your profile picture at the top right of the page.

Part5: Responsive

As with most web applications, responsive is important, so if you're interested you can have a look at the work that's been done on this. Right-click in your browser and click on inspect.

Your console will open, and you'll see this icon (the location of the icon may change depending on the browser used, but the icon is always the same)



You can then either choose typical screen formats (iPhone, iPad, Nest Hub...) or choose "Dimension: Reactivity" and adjust the screen size yourself.

To be continued:

- A search bar to filter emails matching your search.
- The ability to delete an email from the list (if it's not fake).