# Developer Task

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# What was the task?

System based on a client-server architecture, and enables the users to do the following:

- Upload multiple images (e.g- 10 or more)
- Provide the list of uploaded images.
- User can remove images

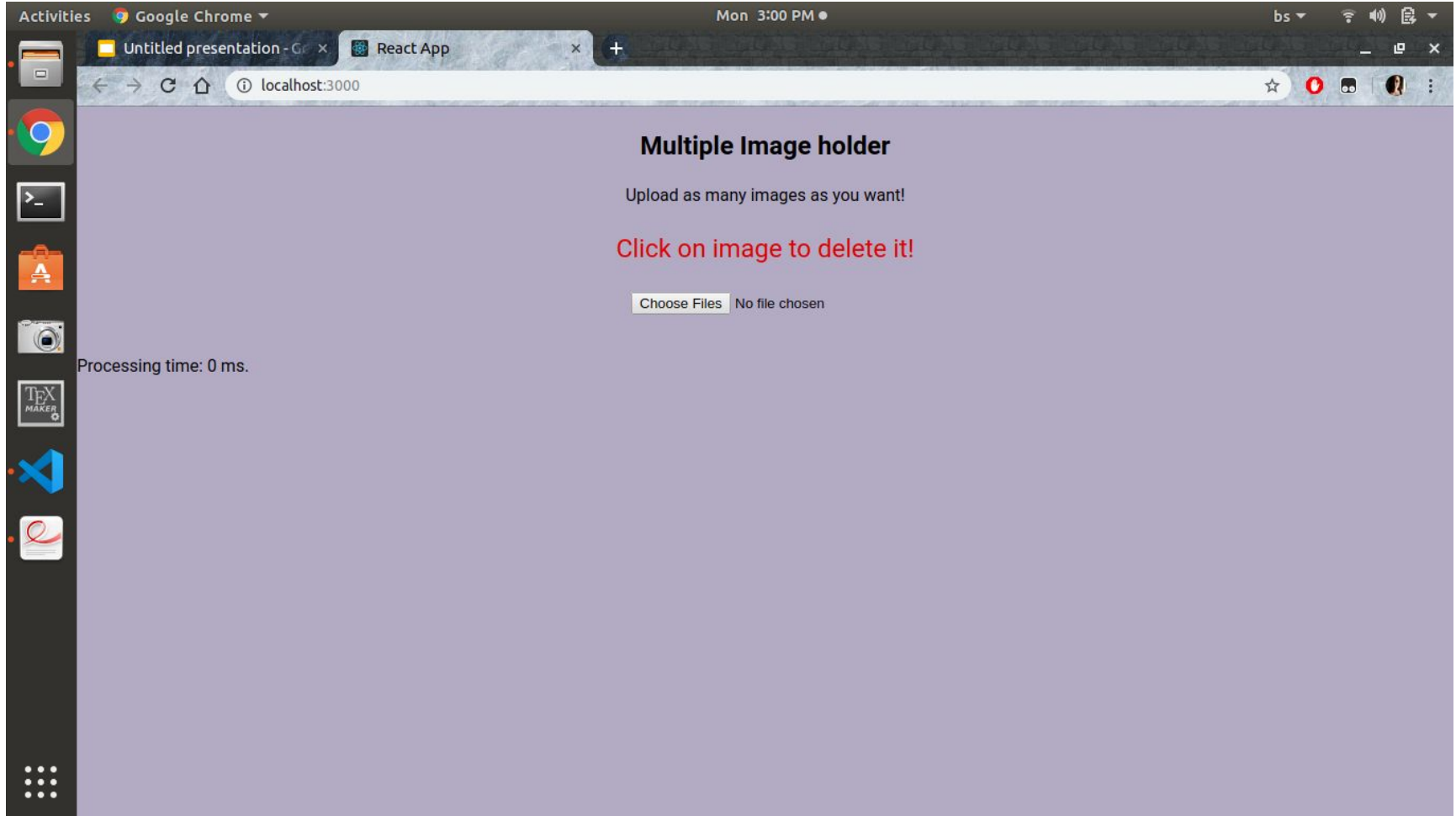These functionalities must be available to the user through a web-based user interface.

In addition to the processing results, the user should be informed about the processing time for each file or batch of files (images).
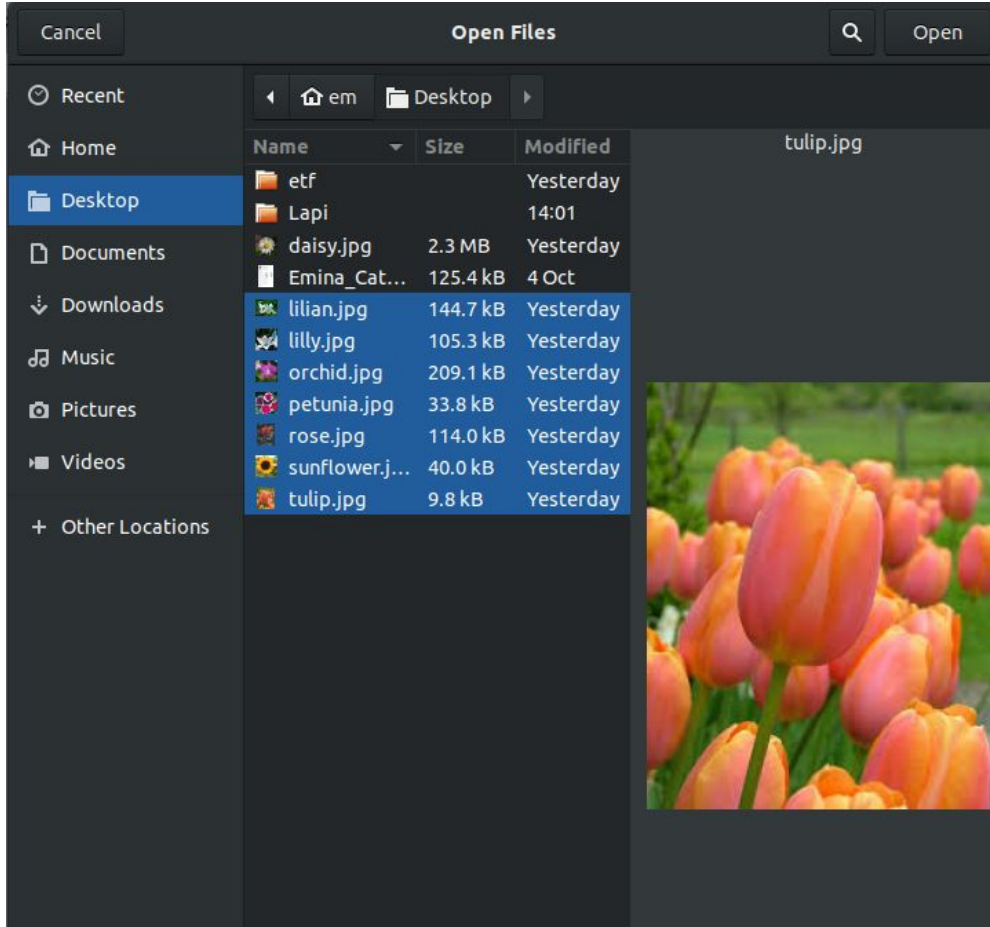
# What did I use?

As it was agreed in interview I have been using ReactJS for finishing the given task.

# How web page looks like when it is loaded?

# How to upload multiple images?



After clicking "Choose files" button it is possible to select multiple images to be uploaded on web page.

To be able to upload multiple images, input button needs to have "multiple" attribute.

# How uploaded images look like?
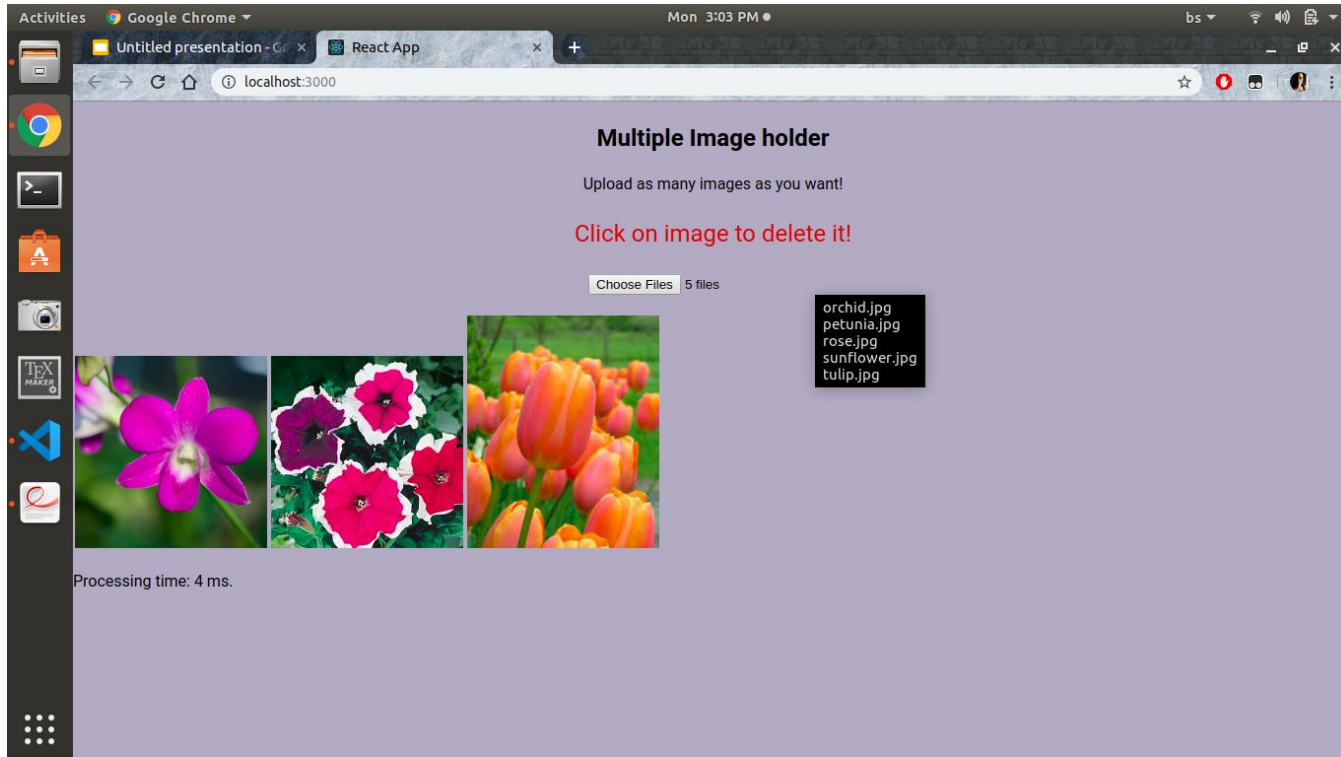
# How to delete image?



As it is said on page, click on image will delete it. Lets pick two images we want to delete and click on them. After clicks on rose and sunflower images result can be seen on the picture on the left.

# Processing time?

At the bottom of page we can see processing time for images/bunch of images. We can see that processing time changes when we upload images and when we delete image. It is counted in milliseconds.

How did I measure processing time?
Before processing images/putting them in array I measured time with new Date() function that return number of milliseconds passed from 1st January 1970, 00:00:00:00, and measured time after putting images in array. Then, I got time between as time2-time1.