Graphical user interface, website

Description automatically generated

Graphical user interface, text, application, chat or text message

Description automatically generated

Browse as React Hooks : <https://reactjs.org/docs/hooks-intro.html>

The Effect Hook lets you perform side effects in function components

1. Create stage

2) update stage

Graphical user interface, application, Teams

Description automatically generated

create stage - no change in value - useEffect runs only once

Create & update stages

Graphical user interface, text, application, Word

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Practical stage of use-Effect :to change the title of the browser => browse document.title

<https://developer.mozilla.org/en-US/docs/Web/API/Document/title>

Npx create-react-app image-gallery

Picsum library <https://picsum.photos/v2/list>

Npm install axios

useEffect to print only once – empty array

click on console, network – list – preview - response

Graphical user interface, application, Word

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To arrange the pics in horizontal order

## Bootstrap – browse > download > CDN via jsDelivr link – display <https://getbootstrap.com/docs/5.1/layout/grid/>

Doubt : compilation error bcoz of missing files -- src>index.js – remove reportWebVitals();

Dynamic/Declarative routes : docs

Graphical user interface, application

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## Bootstrap Grid system : <https://getbootstrap.com/docs/4.0/layout/grid/>

## Make changes in return (last part), return of renderImages – then Browse Bootstrap spacing – col-4 (Bootstrap Grid 12)

## To know how a website looks in mobile phone : inspect, left side of html elements – toggle device icon – select device name & % above : images are overlapping – single image & single col on each row – USE GRID SYSTEM (every column occupies 4 units out of 12 units), col-sm-12 remains same for mobile & desktop view

## Col-sm-12 in desktop : waste of space right & left sides

Graphical user interface, application

Description automatically generated



Graphical user interface

Description automatically generated with medium confidence

Lowest possible resolution screen, mobile, tablets, desktop, really huge monitors

Col-sm-12 in mobile : occupies 100% of width, but space is wasted in desktop (so col-sm-12 col-md-4)

Col-sm-4 : every column is occupying 4 units of space

* Grid breakpoints are based on minimum width media queries, meaning **they apply to that one breakpoint and all those above it** (e.g., .col-sm-4 applies to small, medium, large, and extra large devices, but not the first xs breakpoint).
* Popup : enlarge d image

MEDIA Query

Add in app.css

Media type only screen – screen of computer, tablet, smartphones

Print : printers