



# Web Development Test (2 hours)

*This test is written to mimic a working scenario that is faced by developers in an Agile-working team.*

*Your task at hand is to work through a (virtual) sprint.*

*Please read through the entire test paper before proceeding to implement any of the user stories specified in this document*

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## Project background

Kano users have been very creative lately and lots of these users have been sharing their work on Kano World. However currently there is no interactive gallery where users can view and search through the shared items. Our Product Owner (PO) has been working frantically to get something in place quickly. The PO worked with the Backend team to get in place a new API endpoint that returns the metadata for shared items on Kano World. Here it is:

API endpoint that returns the latest 100 shared items on Kano World  
<http://api.kano.me/share?limit=100>

The PO has also been busy writing user stories for the new interface. You can find these below.

The PO is now after you. As the sole front-end developer in the team, your task is to action as many of these user stories as possible in your allocated sprint time. Design mock ups have been provided by the designer

## User Stories

### #1 Gallery of latest 100 shared Items

As a user, I want to see the the latest 100 shared items on Kano World

Acceptance criteria

- A header at the top of the page with the [Kano logo](#) and the page title 'Latest 100 shares'
- Top 100 shared items displayed in a grid-like format
  - Each share item should show a picture, title, author's username and number of likes.

### #2 Search by title

As a user, I want to be able to search a share item by its title

Acceptance criteria

- An input box where a user can enter the search text
- Upon hitting the enter key, it returns the share items that (partial) match the title searched for e.g. searching for 'art' will also return 'heart'.
- Results are displayed in the same grid-like format as the default view without reloading the page.
- 'No results found. Please try another search' message when no items are found
- Stretch goal: Search as you type

### #3 Sort by number of Likes and Title

As a user, I want options to sort by the number of likes and by title

Acceptance criteria

- Tabs on the page to allow sorting by Time, Likes and Title.
- The 'Time' tab should be selected by default. It shows the shared items as received from the API.
- When the 'Likes' tab is clicked, show shared items with the most likes first.
- When the 'Title' tab is clicked, show shared items sorted with the title alphabetically

### #4 Details page

As a user, I want the ability to click on a shared item to get more information about that item.

Acceptance criteria

- When a shared item is clicked, a new view is displayed with all the meta information as on the gallery page along with:
  - Picture shown in its original size
  - Description
  - Number of likes
  - Title
  - Author's username
- A way to return back to the gallery page

### #5 Cross-device friendly

As a user, I want to view the gallery on my mobile phone and tablet without having to scroll horizontally nor having to squint at the screen.

Acceptance criteria

- The layout should adapt to various screen sizes responsively and match closely to the mock ups provided

#### Design info:

- Logo <http://dl.kano.me/tech-test/Logo.svg>
- Heart <http://dl.kano.me/tech-test/KANO-ICONS-HEART.svg>
- Arrow <http://dl.kano.me/tech-test/KANO-ICONS-ARROW.svg>
- Colours used in the mockup: Blue #368DF6, Orange #FF6900, Dark Grey #292F35, Off-white #F8FAFB, Dark Pink #F6368A, Light Pink: #FBA0C8

#### Technical test notes

- Please note down any assumptions or caveats you made during the course of this test
- If needed, feel free to use frameworks or libraries.

# Mock ups

Gallery - Desktop

KANO


Latest 100 Shares

Q Share title

TIME


LIKES

TITLE




Scuba-diving-pug  
by Cheese-Man

♥ 6 likes




Fidget Spinner  
by Hicks

♥ 6 likes



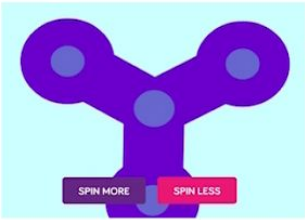
Fortress of blockitude  
by Bananabanana

♥ 6 likes



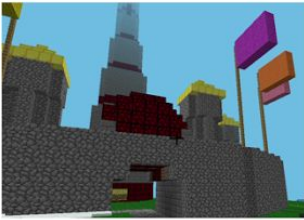
Scuba-diving-pug  
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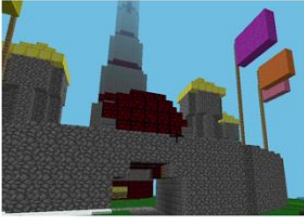
Scuba-diving-pug  
by Cheese-Man

♥ 6 likes



Fidget Spinner  
by Hicks

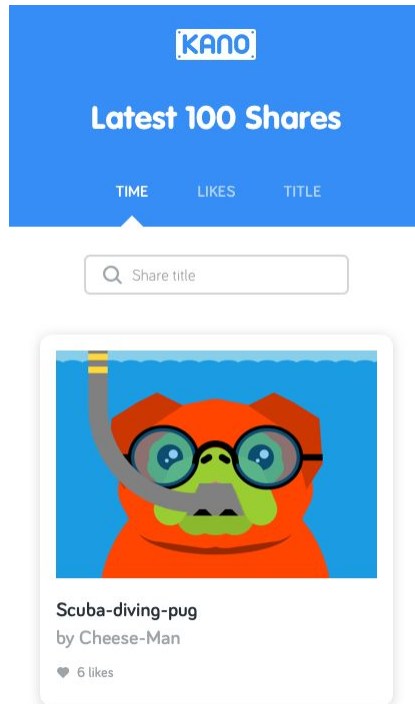
♥ 6 likes



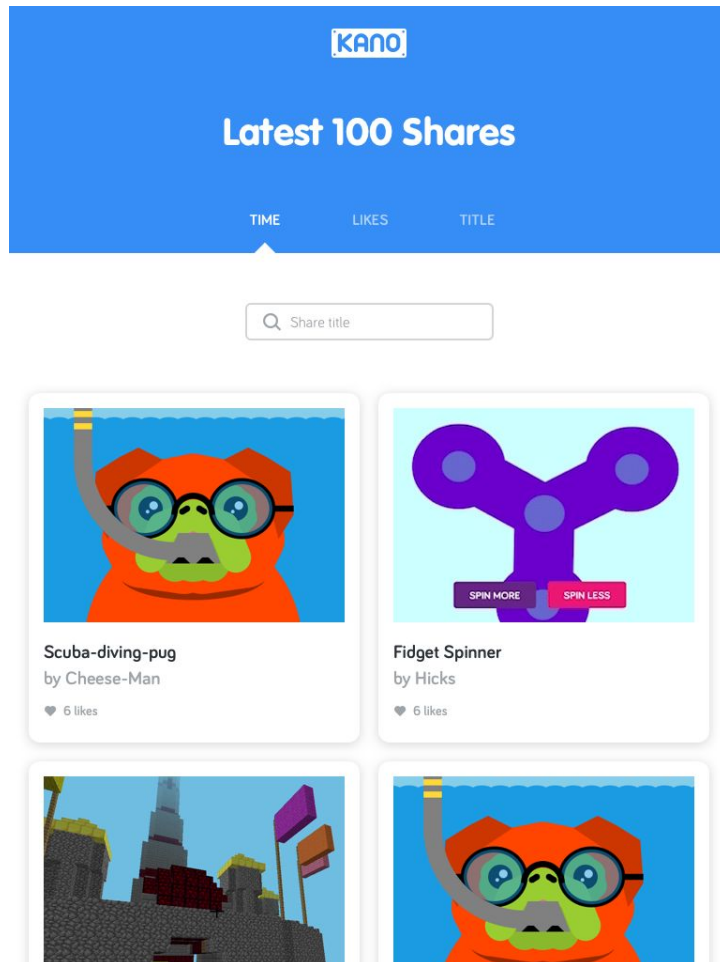
Fortress of blockitude  
by Bananabanana

♥ 6 likes

## Gallery - Mobile

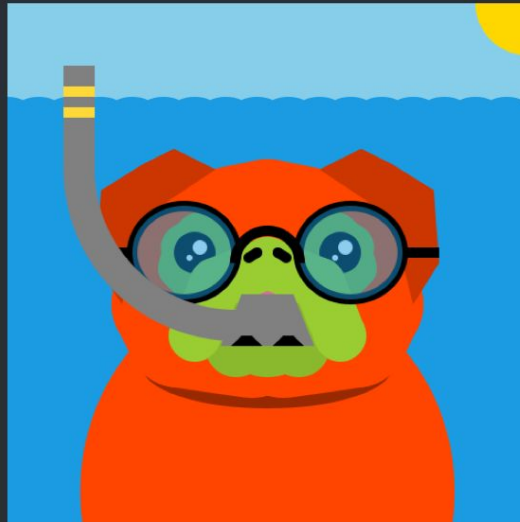


## Gallery - Desktop



← GO BACK

KANO



**Scuba-diving-pug**  
by Cheese-Man

Lorem ipsum dolor sit amet, consectetur adipiscing elit.  
Praesent ut velit tempus, efficitur nunc nec, dictum.



6

## Details page - Mobile



## Details page - Mobile

