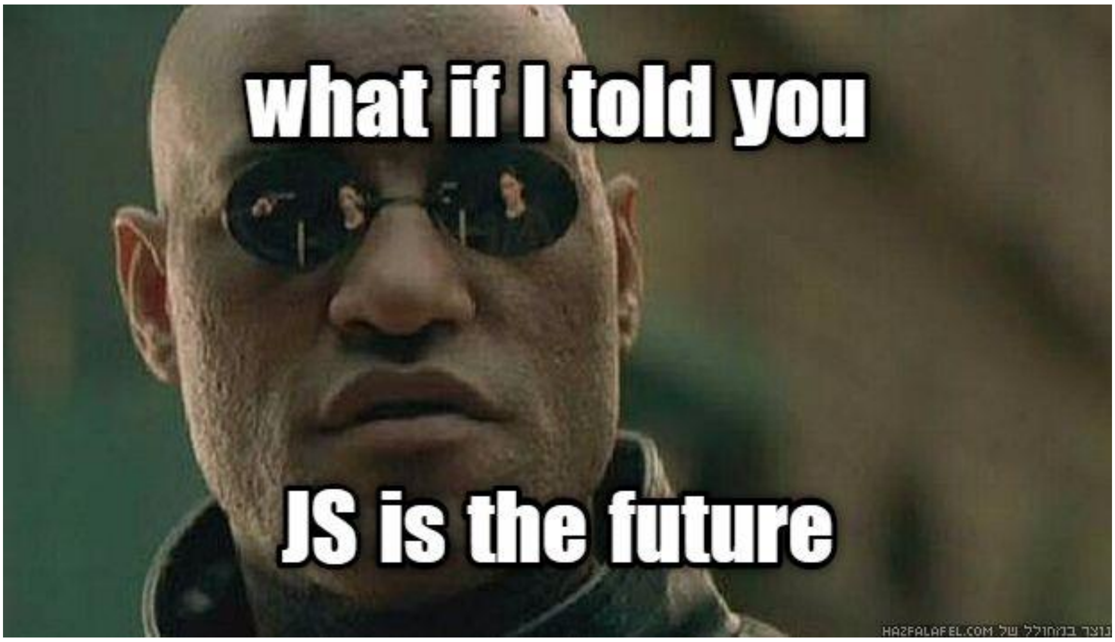
# Ultimate Meme Creator

## Sprint 2 Challenge

Your challenge is to create a Meme Generator that looks good, and works well **on mobile**.



Here is a reference implementation,
but we expect your solution to be better.

(Get even some more inspiration from:

https://imgflip.com/memegenerator https://www.diylol.com/ )

Use the mobile-first strategy to plan your UI, keep in mind that we would like it to look good also on desktop

Use the MVP principle when you plan what to implement first. A description for this principle is given at Appendix1 below.

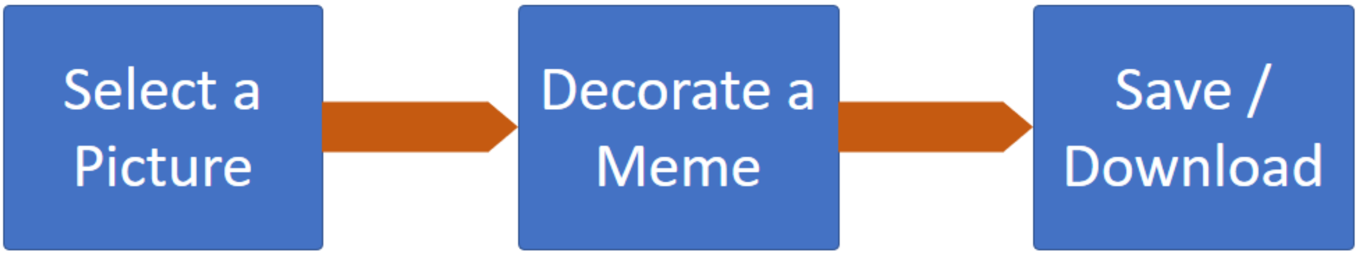
Implement the PSD provided by the client (see a screenshot of it at Appendix2 below). NOTE: The haxagons design is completely optional.

When you read the requirements make yourself a list of questions for your meeting with the client (in this case – it's us), we suggest that you don't start coding too much before getting an approval from your client.

### Recommended Development Workflow

1. Start together, review and understand the seed project.
2. Setup git and make sure the team can push and pull from the repository. Make sure you define a git process between the team members
3. Design an initial home page (index.html, main.js, CSS files) together (don't spend more than 2 hours at this stage)
4. Commit and Push
5. Split and work separately and together whenever you see fit.
    a. Try to push and pull every 2-3 hours to coordinate your code and practice the workflow
    b. Use this opportunity to improve the code by mutual code reviews
    c. We gave recommendations to the tasks split – below
6. Try to keep most of the last day for QA and UI improvements

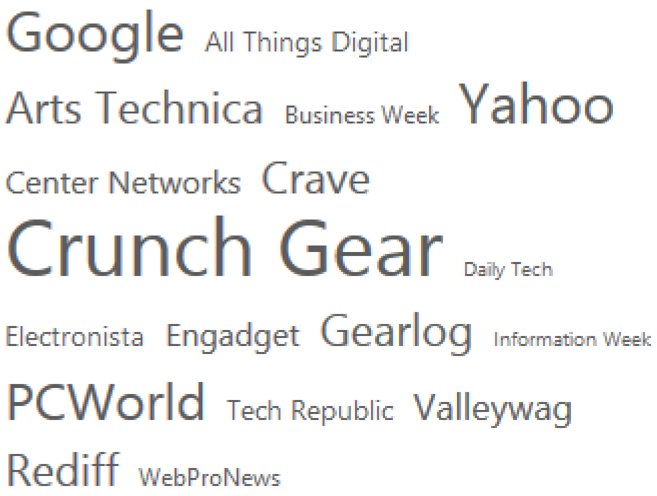
### Product definition - Usage flow of the app



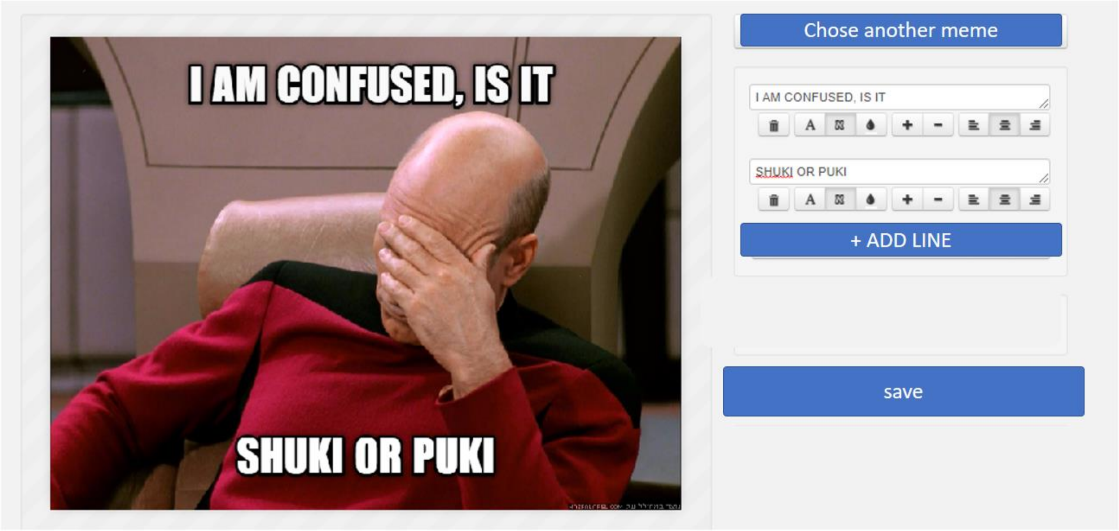
### Implementation – Description:

1. Show a list of images (see detailed description below and at PSD)

2. Those img objects in your model should have the properties:  id, url, keywords[]
   a. The keywords should be things like: happy, crazy, sarcastic, sad, animal…
   b. The user should be able to filter the presented list by typing in a filter textbox
   c. Also, by selecting a keyword from a list where each item is as big as it's a popular keyword (i.e. keyword will appear bigger if there are many imgs with that keyword), something like this:


Google All Things Digital
Arts Technica Business Week Yahoo
Center Networks Crave
Crunch Gear Daily Tech
Electronista Engadget Gearlog Information Week
PCWorld Tech Republic Valleywag
Rediff WebProNews

3. After the user selected an image, the image is presented at a meme editor area/page. User  shall now be able to build the meme, we give you flexibility regarding the UX/UI of the meme editor area, however – below is a conceptual suggestion



I AM CONFUSED, IS IT

SHUKI OR PUKI

A purposed initial data structure:

```
var gImgs = [{id: 1, url: 'img/popo.jpg', keywords: ['happy']}];
var gMeme = {
    selectedImgId: 5,
    txts: [
            {
                line: 'I never eat Falafel',
                size: 20,
                align: 'left',
                color: 'red'
            }
    ]
}
```

## Team Members Responsibility

Here is a breakdown of the features and a recommendation for splitting the work between two developers

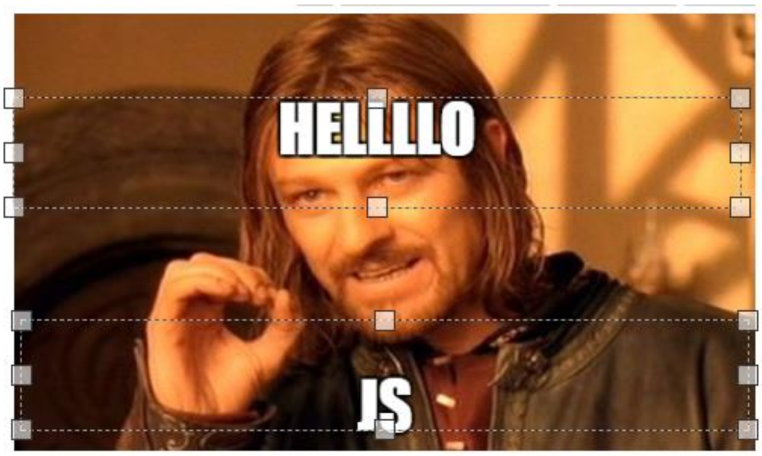
1. Home page
    a. Build the layout by the PSD

       Note that the designer has not completed the entire design. Please complete the missing parts mentioned above. . Design the meme area and the mobile UI/UX

    b. Dev 1: Navigation
    c. Dev 2 About us Section
    d. Dev 1: Render images for selection
    e. Dev 2: Filter images list by search box
    f. Dev 1: Filter images list by popular-keyword

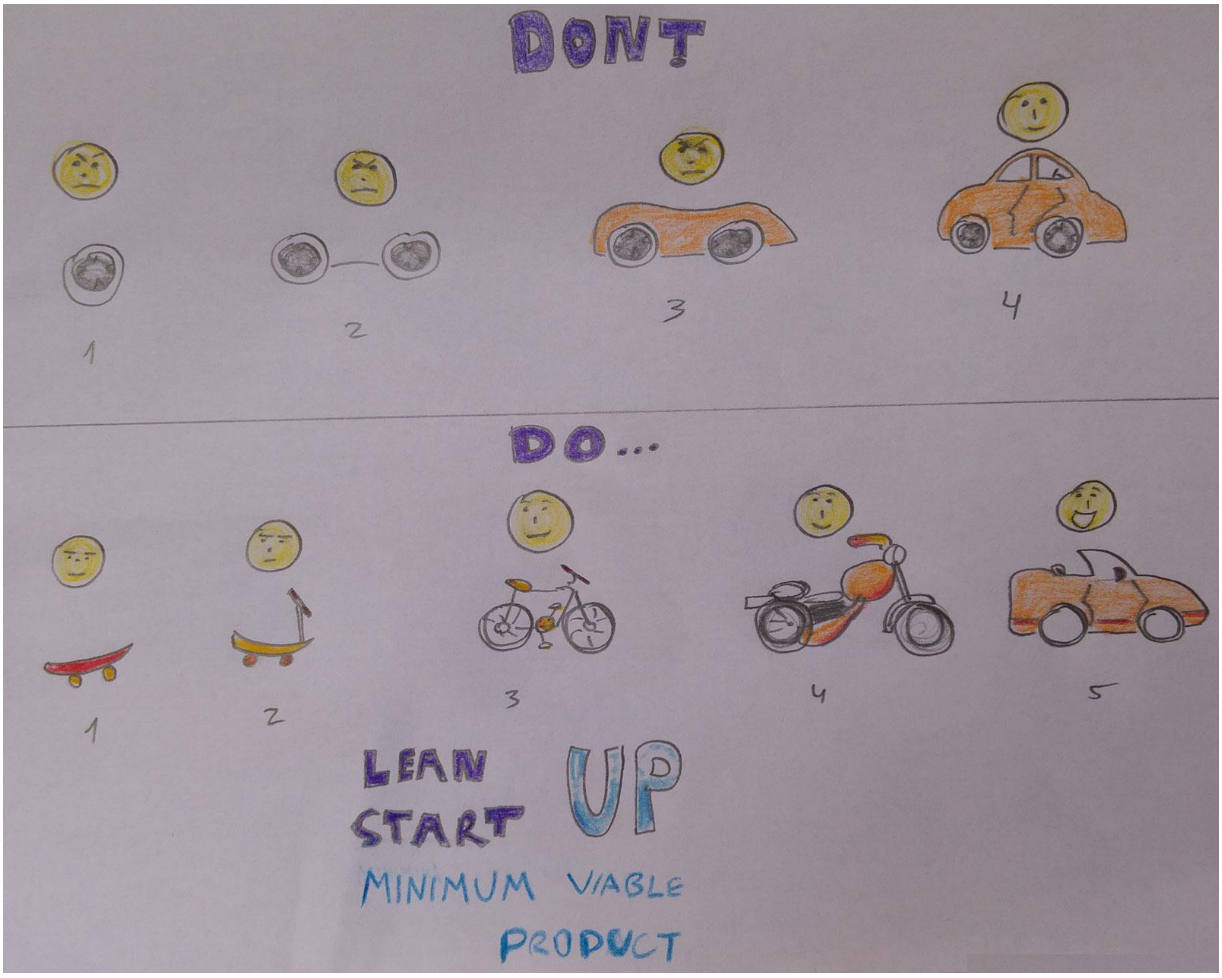
    g. Dev 1: Support adding an image by url

2. Meme Generator
    a. Dev 2:  Support adding text on the top and bottom of the image
    b. Support features:
        i. Dev 1: Align left, right, center
        ii. Dev 2:Increase / decrease font size
        iii. Dev 1: Text color
        iv. Dev 2:Text shadow (on/off)
        v. Dev 1:Select font
        vi. Dev2: Move lines up/down by buttons ⇅
        vii. Dev1: Add / Delete txts
    c. Dev 2: Save button
    d. Dev 1: Back to images list
3. Make it work (nicely) on both mobile and PC!
4. Big Bonuses:
        i. Move lines up/down by dragging
        ii. Type into the lines themselves

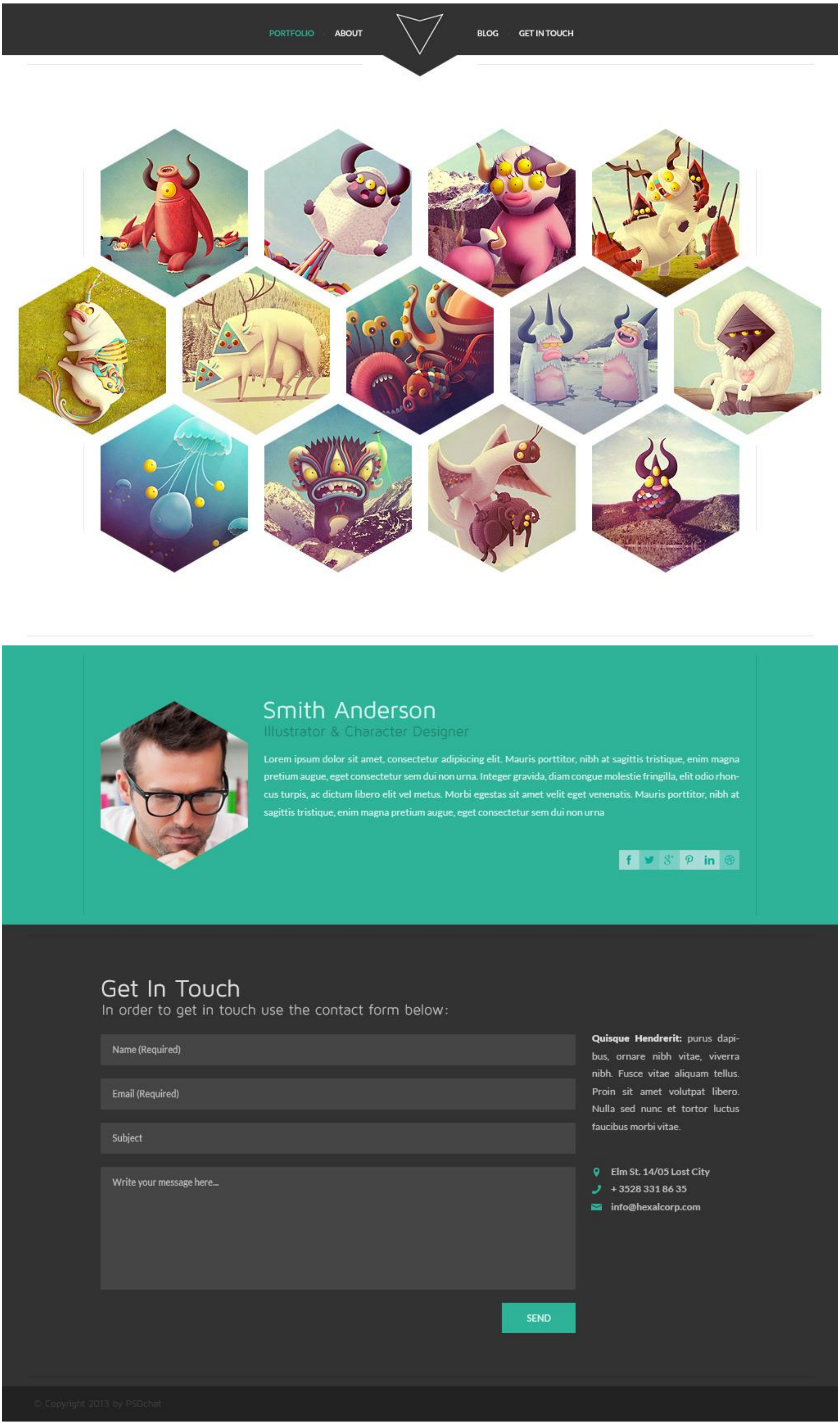


5. Bonus: Support multilingual site: Heb / Eng

6. Appendix1:



# 7. Appendix2: Gallery page – design screenshot



Smith Anderson

Illustrator & Character Designer

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Get In Touch

In order to get in touch use the contact form below:

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