Task 1) Responsive design.

Time spent on the sketch above was 40 minutes. I find that an example communicates a lot better!

Link to result:
https://github.com/peterlubiana/frontendtest/blob/main/Sketch%20Task%201.pdf

I tried to spend my time as well as possible, obviously I could do a better design but I tried to spend the time as well as possible and stick within the timeframe. So please be aware this is a quick sketch.

Lacks in the design are:
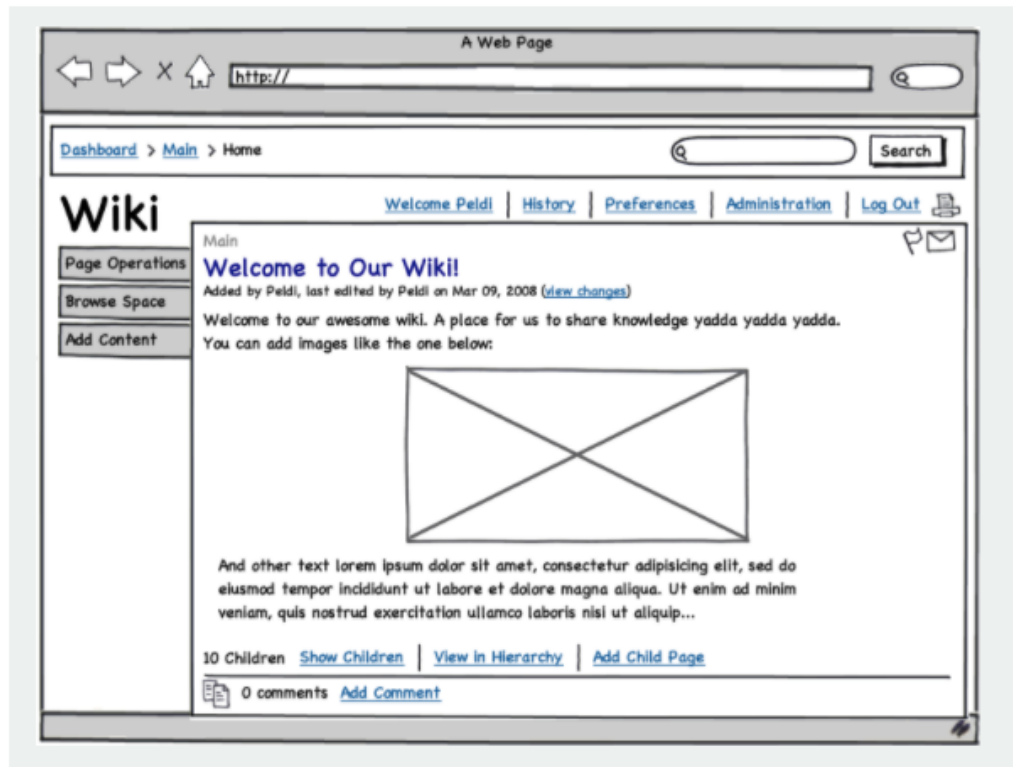#1 The search bar. Which I would put in the menu on the right hand side.
#2 The menu icons / items need more design.
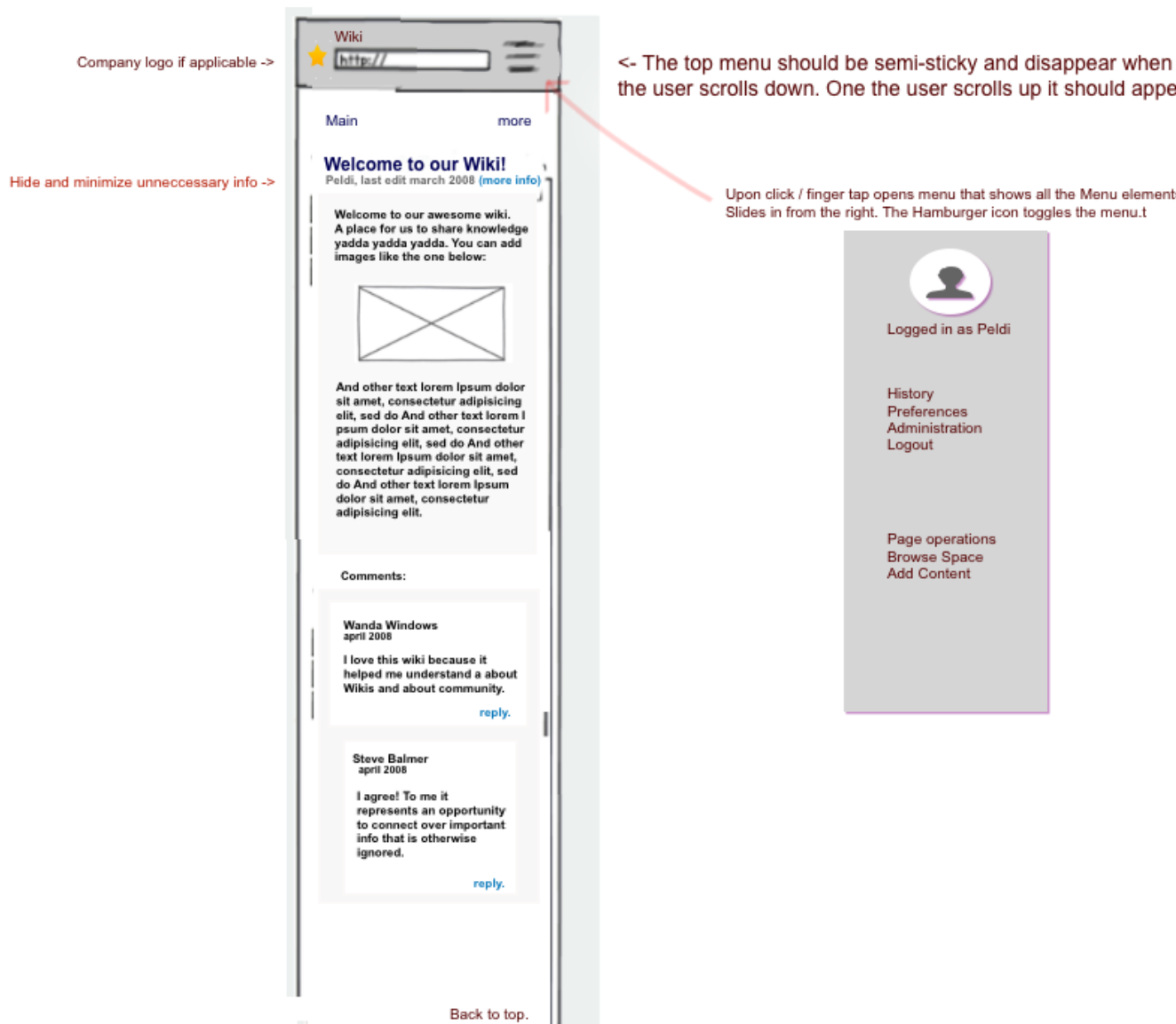

General strategy:
- Identify unnecessary info and minimise it, or move it into a menu.
- Move information into a scrollable 'stack' / pile, rather than keeping it in a dynamic portrait format.
- Follow designs that users are familiar with. For example comments to a comment are slightly 'indented'.

Visual result can be found on the next page.

Desktop version:

A Web Page

http://

Dashboard > Main > Home

Search

Wiki

Welcome Peldi | History | Preferences | Administration | Log Out

Page Operations

Browse Space

Add Content

Main

Welcome to Our Wiki!

Added by Peldi, last edited by Peldi on Mar 09, 2008 (view changes)

Welcome to our awesome wiki. A place for us to share knowledge yadda yadda yadda.
You can add images like the one below:

And other text lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do
eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim
veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip...

10 Children   Show Children | View in Hierarchy | Add Child Page

0 comments   Add Comment

Mobile version:

Company logo if applicable ->

Hide and minimize unneccessary info ->

Wiki

http://

Main   more

Welcome to our Wiki!
Peldi, last edit march 2008 (more info)

Welcome to our awesome wiki.
A place for us to share knowledge
yadda yadda yadda. You can add
images like the one below:

And other text lpsum dolor
sit amet, consectetur adipisicing
elit, sed do And other text lorem l
psum dolor sit amet, consectetur
adipisicing elit, sed do And other
text lpsum dolor sit amet,
consectetur adipisicing elit, sed
do And other text lorem lpsum
dolor sit amet, consectetur
adipisicing elit.

Comments:

Wanda Windows
april 2008

I love this wiki because it
helped me understand a about
Wikis and about community.

reply.

Steve Balmer
april 2008

I agree! To me it
represents an opportunity
to connect over important
info that is otherwise
ignored.

reply.

Back to top.

<- The top menu should be semi-sticky and disappear when
the user scrolls down. One the user scrolls up it should appe

Upon click / finger tap opens menu that shows all the Menu element
Slides in from the right. The Hamburger icon toggles the menu.t

Logged in as Peldi

History
Preferences
Administration
Logout

Page operations
Browse Space
Add Content

Task 2) Present data from an API to the user in the raw web technologies.

The task itself:
This was an actual coding task where I was asked to write quite a lot of code without any frameworks. I chose a stock-api from https://polygon.io.

Source-code:
Link to source-code: https://github.com/peterlubiana/frontendtest/tree/main/task2-sourcecode

Time usage:
I spent a great deal more time than the 1 hour assigned to me, I spent a bit more than 2 hours to complete the task. I think taking extra time was necessary in order to create something of some quality at all.

General steps and process of the development:
I created an index.html document and linked a javascript-file and a css file to it.

Then I wrote some basic html for the body of the website from scratch and tried to use semantic elements like h1 and section.

I did some very basic css styling, and added a tiny bit of responsiveness, but not much.

Then I wrote a mini-framework to help me in my task, I tried to encapsulate the framework as well as possible, and separate concerns in sensible 'methods', and give the methods as self describing names as possible to help readability.

Then I pulled the API from https://polygon.io.
Then I wrote a function / method that populated the the main section of the website into 'news elements' that uses as semantic html elements as I could think at the time.

<a> for links,
<h3> for the headers,
<p> for the paragraph describing the news item closer,
and <span> which is not really semantic for elements that were mixed of various information or elements which were not real pieces of data describing the news item.

Regrets:
- Not separating the date published and author into each their own more semantic HTML element.
- Not indexing the data more and make it readable for google, but it's a bit out of the scope of the task I guess.
- Not adding images.

Issues while working:
I could not remember how to write Ajax calls from scratch so I went to Mozilla developer Network to help me remember the right way to do it. Also I had some issues with looping through the JSON-object from the api into the html elements, but I figured it out and simplified it a bit.

Visual result:

Stock news 📈

Banks are offering credit cards to people without credit scores — will this really help consumers?

2021-05-19T13:00:00Z by MarketWatch

'Most credit card issuers are still considerably more cautious now than they were pre-COVID.'

Read more

Source: MarketWatch

Attention, Growth Stock Investors: Price Matters

2021-05-19T12:25:00Z by newsfeedback@fool.com (Timothy Green)

Invest in great companies, but mind the price you pay.

Read more

Source: The Motley Fool