Expand on Touch

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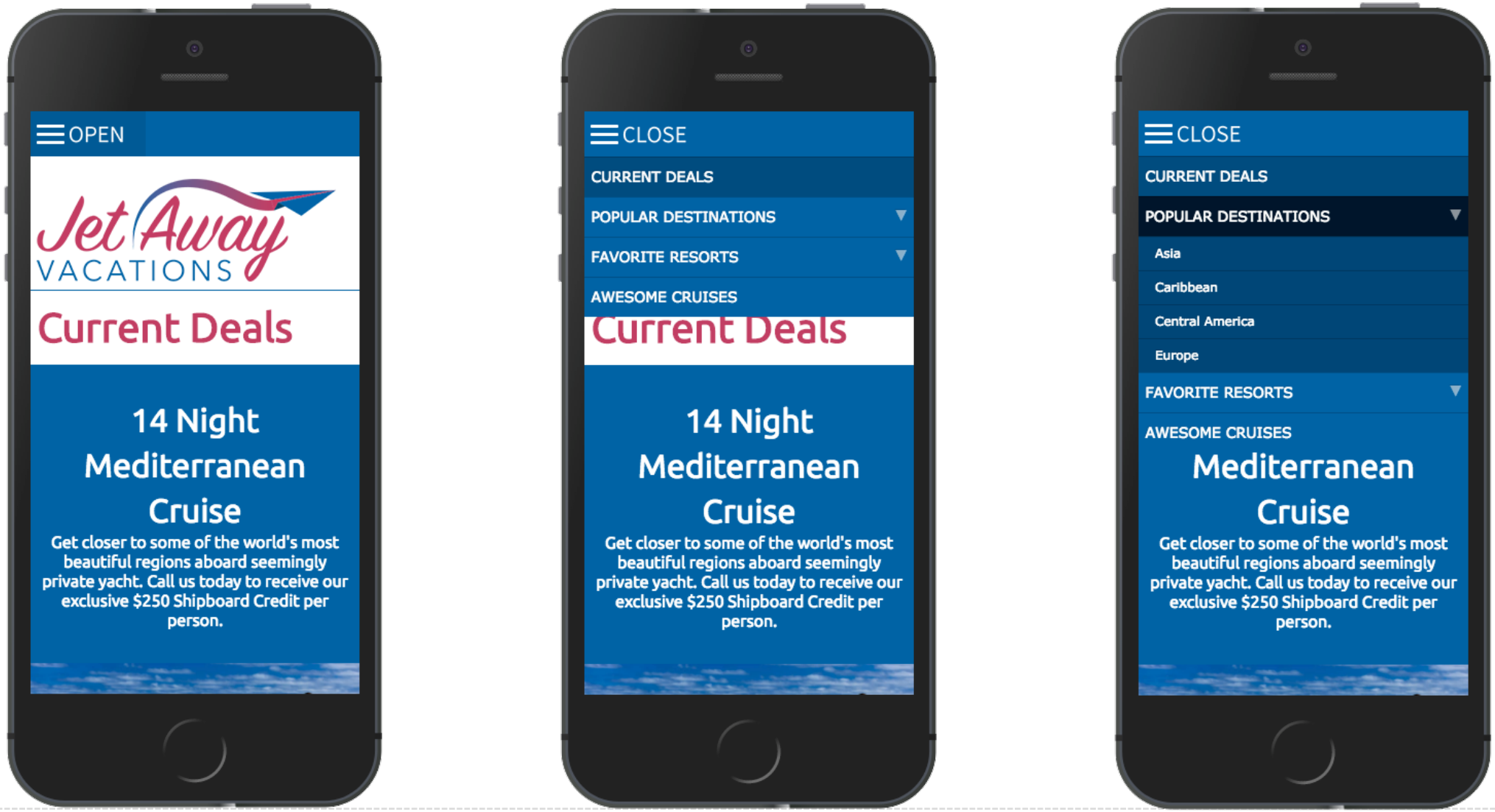
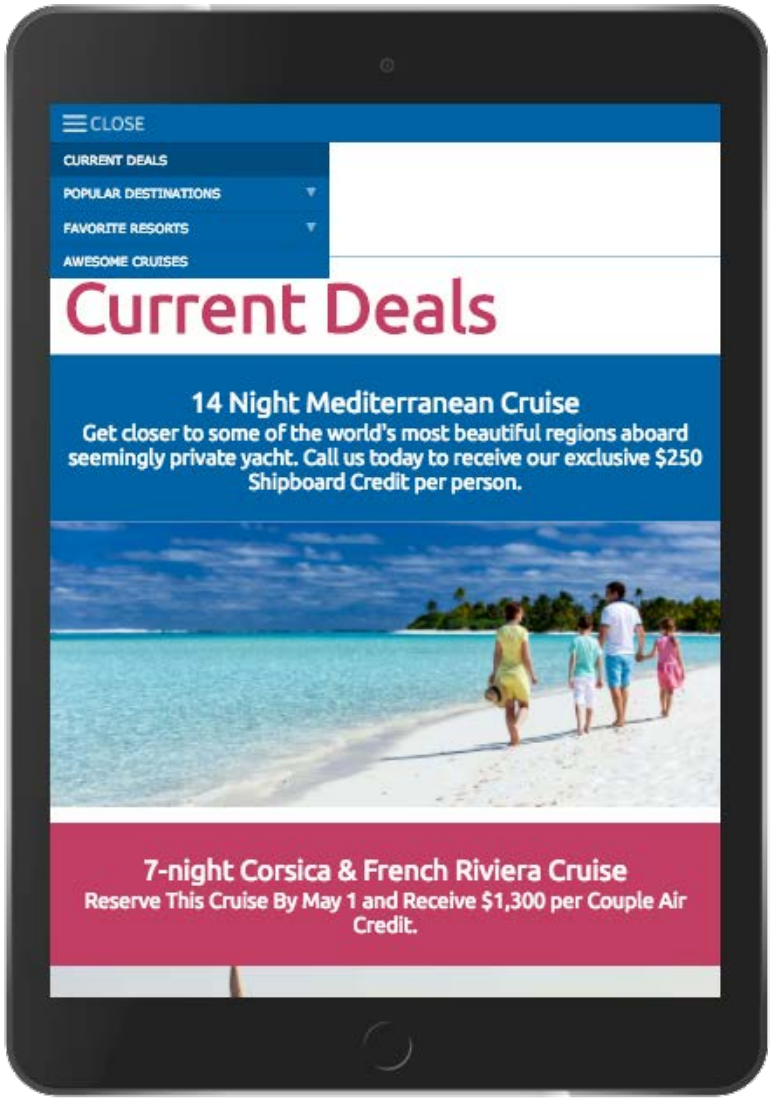
Agenda

- Completed Project
- Github
- Start Folder
- Connections
- Modifications
- Testing
- Application

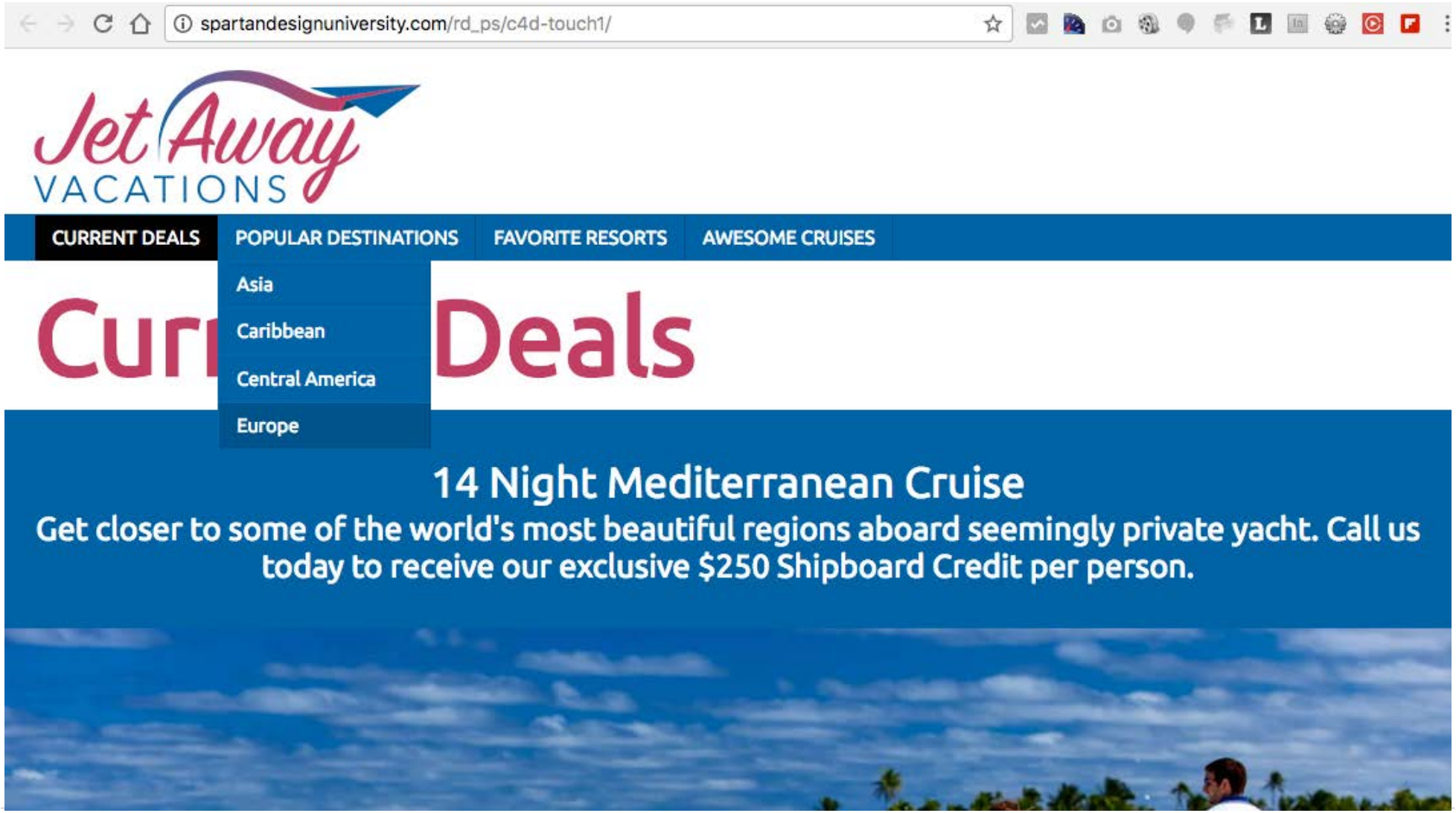
Completed Project - Small



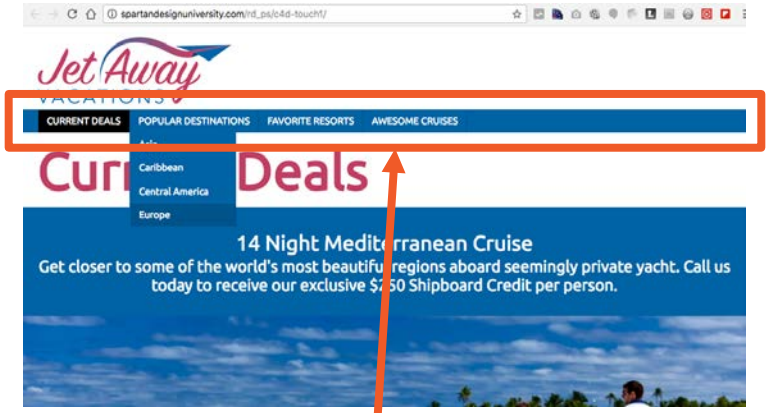
Completed Project - Medium



Completed Project - Large



Tweaked Progressive Enhancement



smallNav.scss

large.scss

medium.scss

small.scss

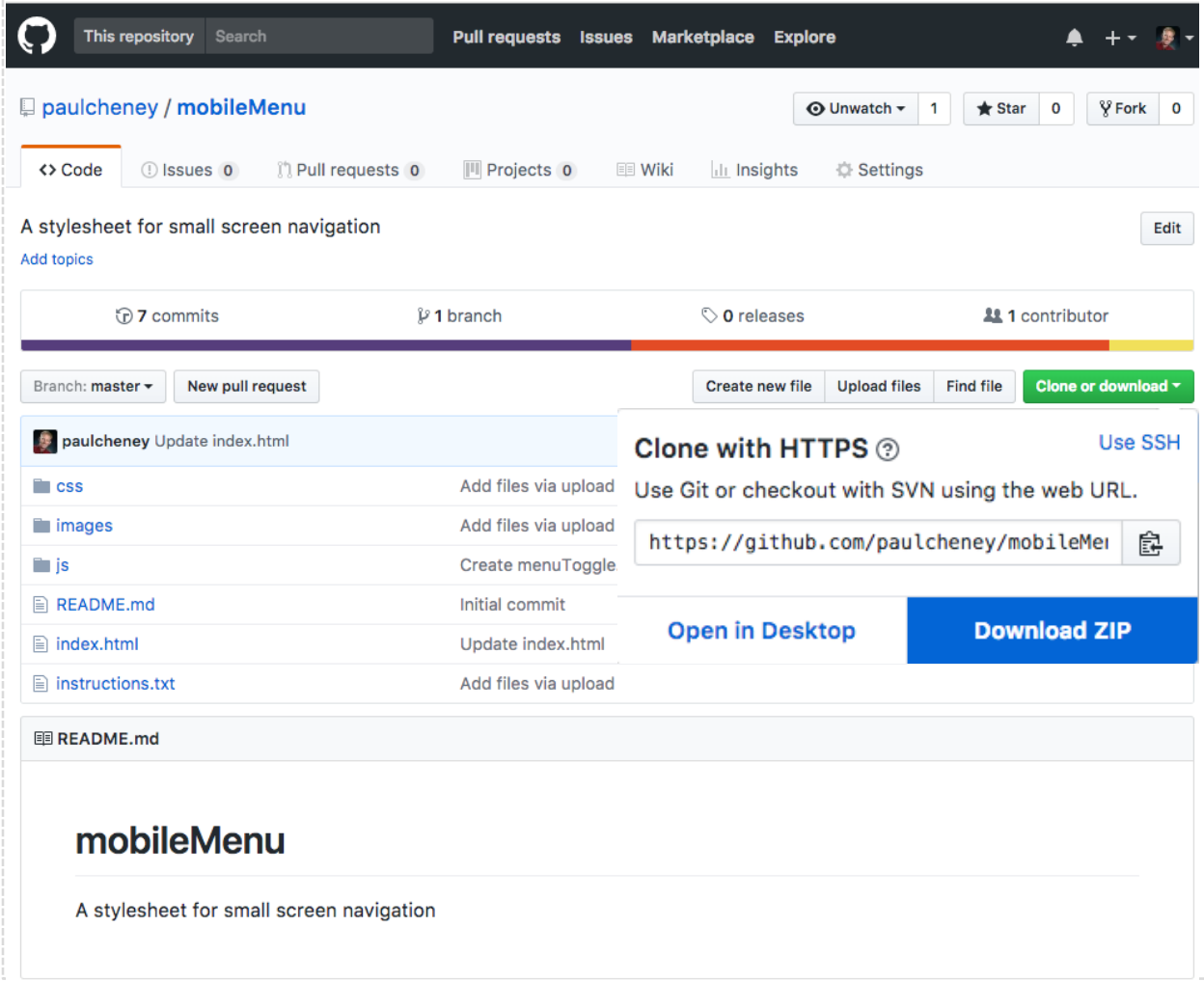
0

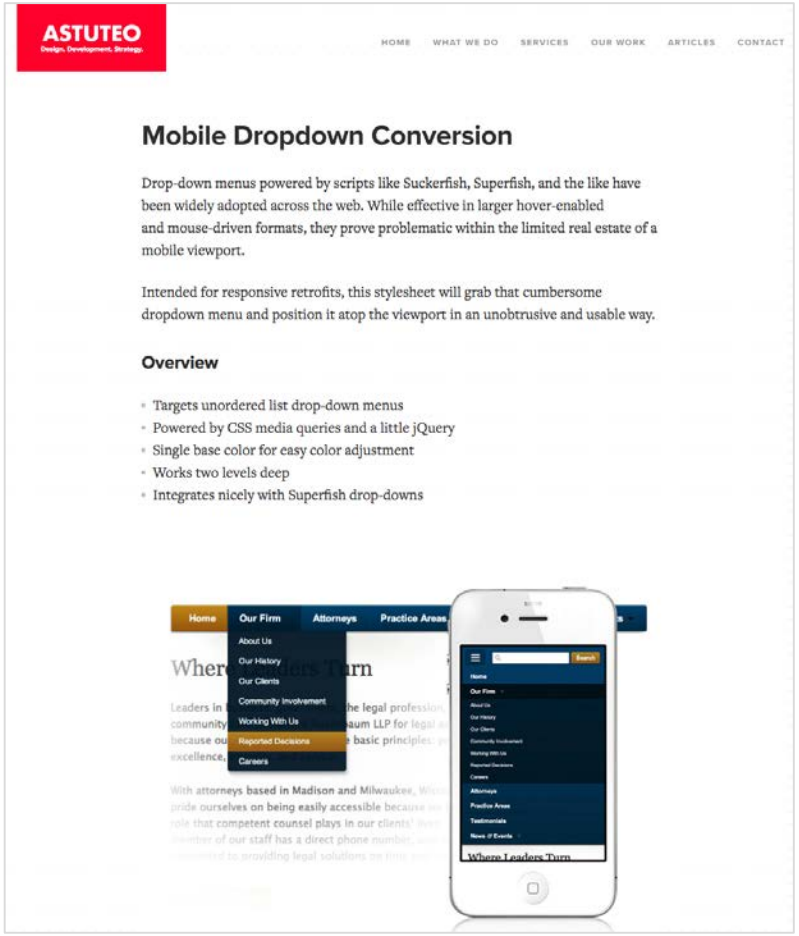
35rem

64rem

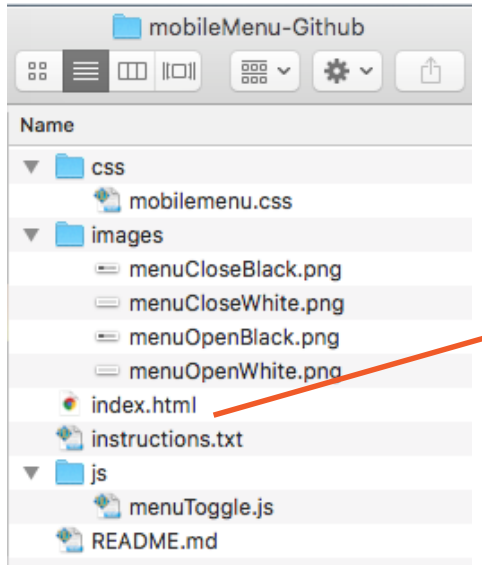
∞

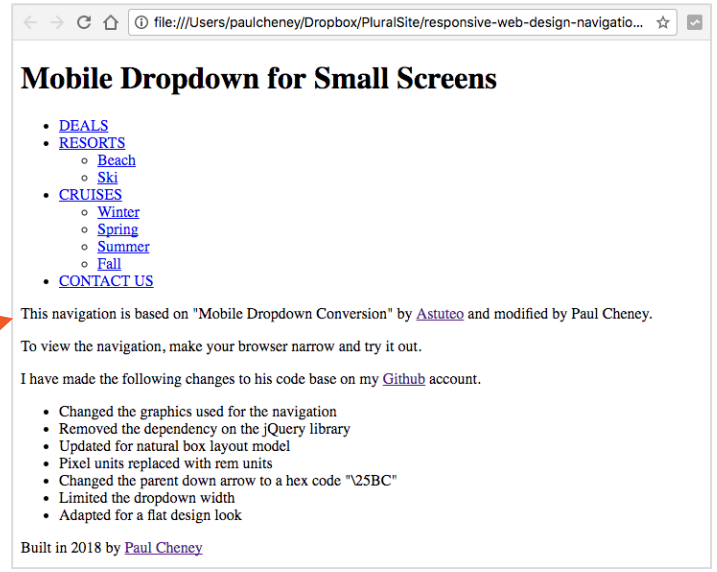
Dropdown Menu Code on Github

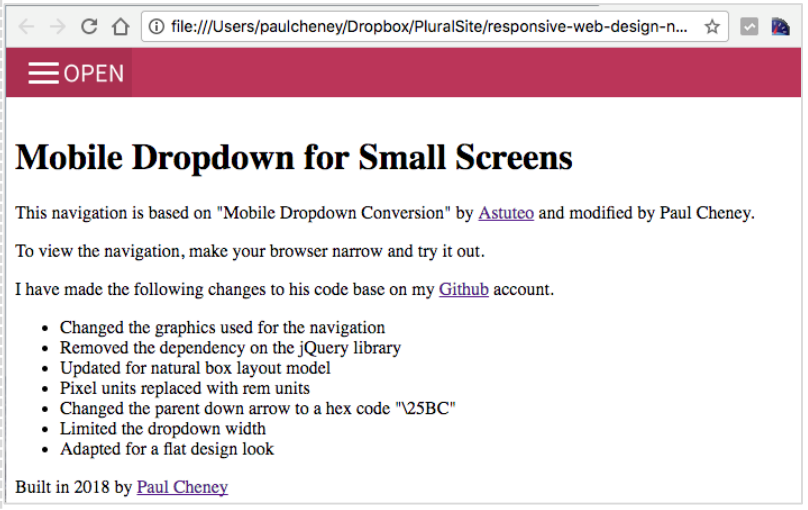


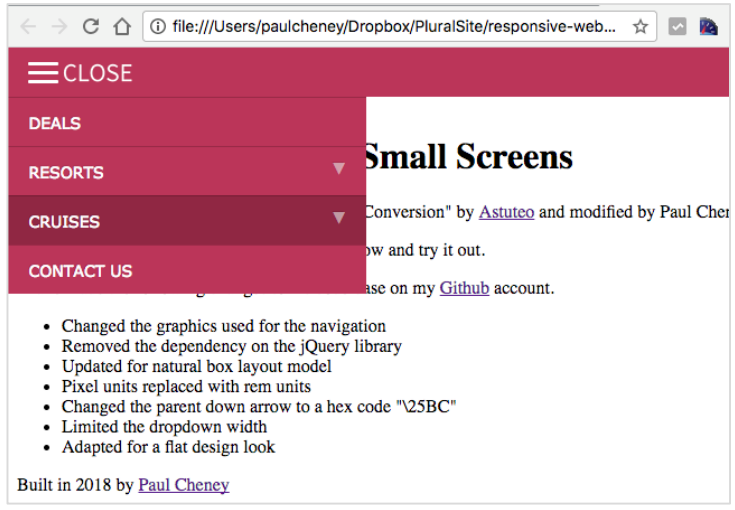


mobileMenu Folder

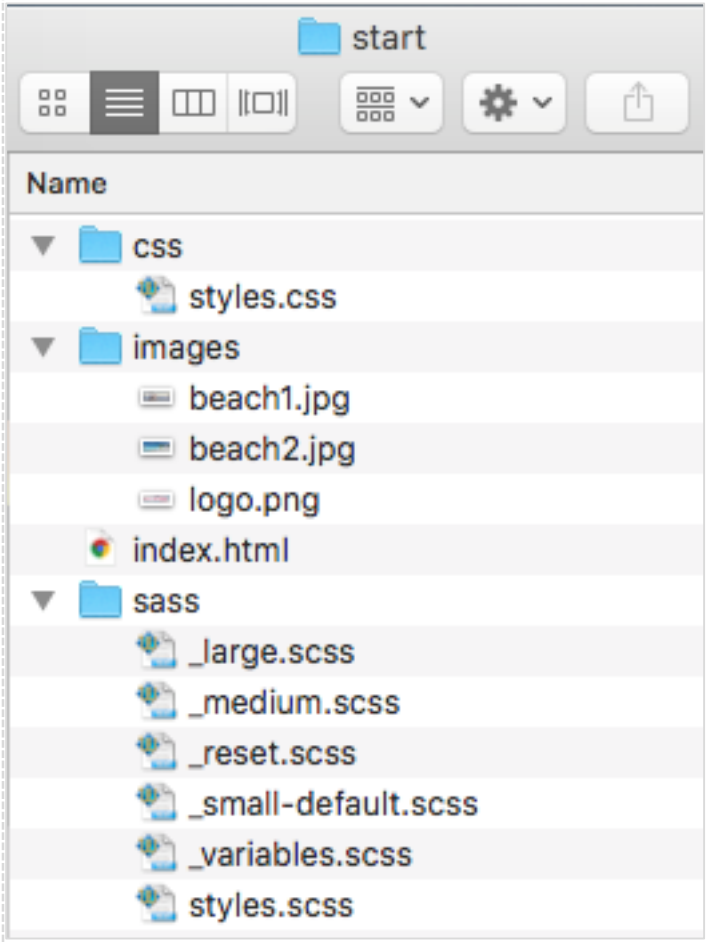


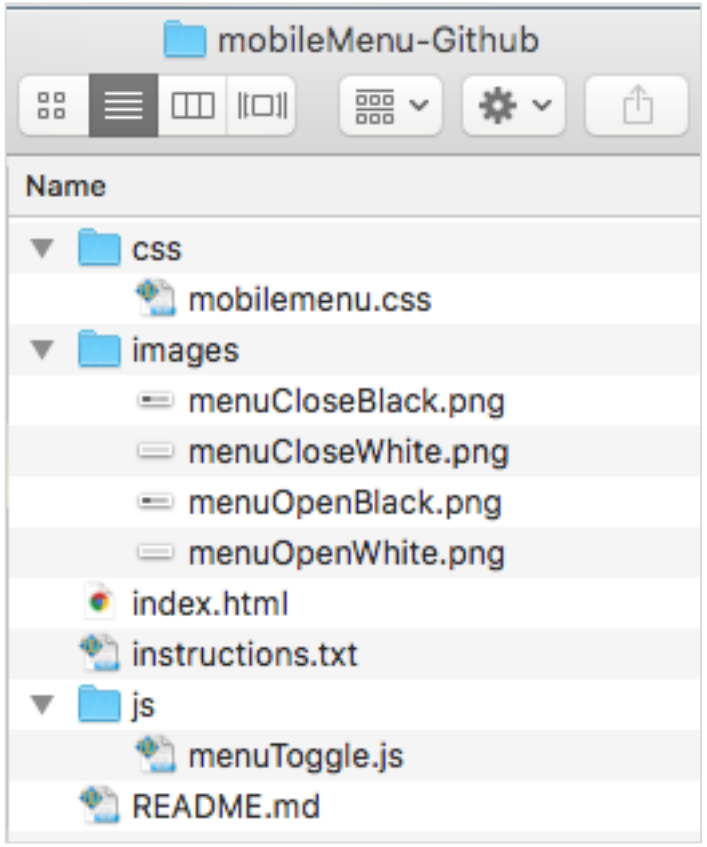


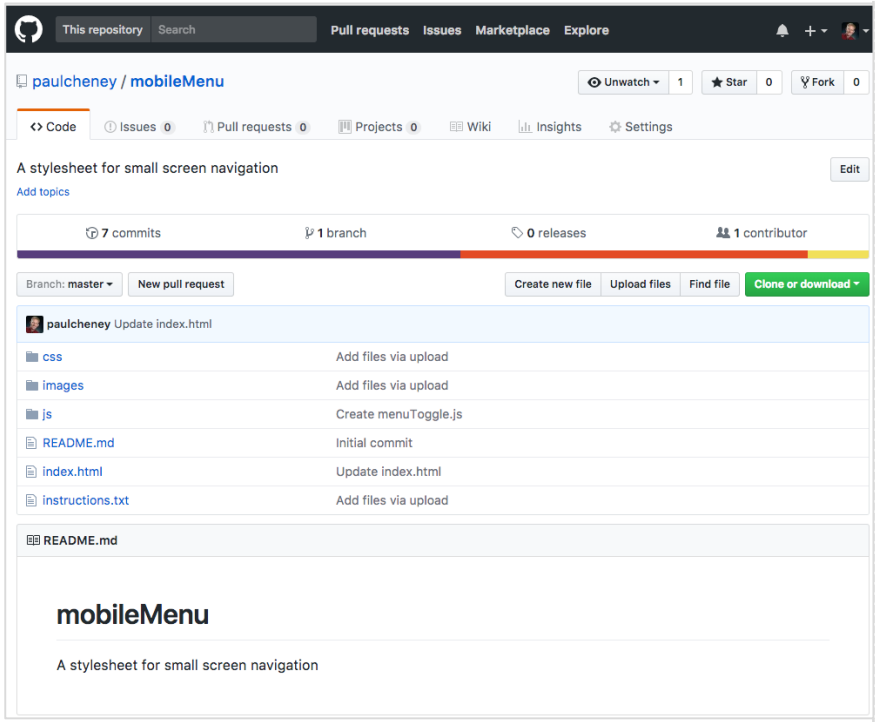




Demo Folder


start
Name
css
styles.css
images
beach1.jpg
beach2.jpg
logo.png
index.html
sass
_large.scss
_medium.scss
_reset.scss
_small-default.scss
_variables.scss
styles.scss


mobileMenu-Github
Name
css
mobilemenu.css
images
menuCloseBlack.png
menuCloseWhite.png
menuOpenBlack.png
menuOpenWhite.png
index.html
instructions.txt
js
menuToggle.js
README.md


This repository
Search
Pull requests
Issues
Marketplace
Explore
paulcheney / mobileMenu
Unwatch 1
Star 0
Fork 0
Code
Issues 0
Pull requests 0
Projects 0
Wiki
Insights
Settings
A stylesheet for small screen navigation
Edit
Add topics
7 commits
1 branch
0 releases
1 contributor
Branch: master
New pull request
Create new file
Upload files
Find file
Clone or download
paulcheney Update index.html
css Add files via upload
images Add files via upload
js Create menuToggle.js
README.md Initial commit
index.html Update index.html
instructions.txt Add files via upload
README.md
mobileMenu
A stylesheet for small screen navigation

Steps

nav

button

anchors

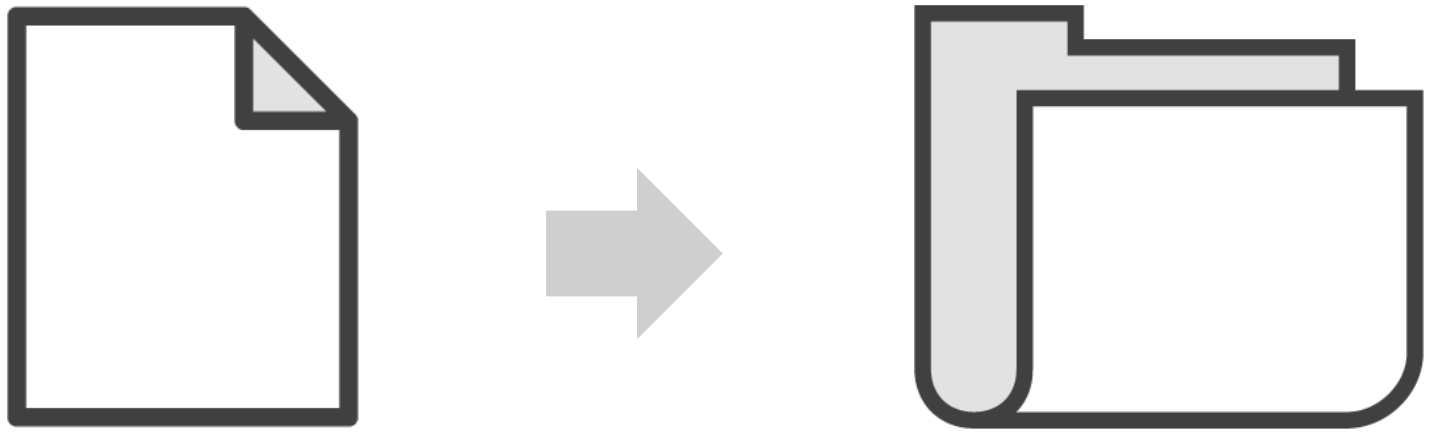
list items

unordered list

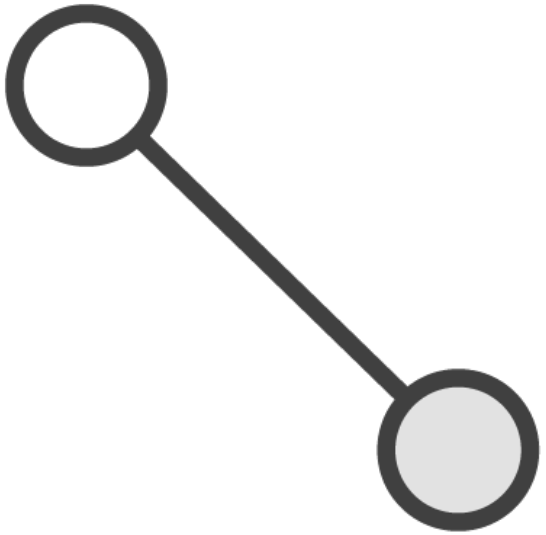
parent

```
<!-- NAV STARTS HERE -->
<nav class="clearfix">
<button id="hamburgerBtn"></button>
    <ul id="primaryNav">
        <li class="active"><a href="index.html">CURRENT DEALS</a></li>
        <li class="parent"><a href="#">POPULAR DESTINATIONS</a>
            <ul>
                <li><a href="#">Asia</a></li>
                <li><a href="#">Caribbean</a></li>
                <li><a href="#">Central America</a></li>
                <li><a href="#">Europe</a></li>
            </ul>
        </li>
        <li class="parent"><a href="#"> FAVORITE RESORTS</a>
        <ul>
                <li><a href="index.html">Hotel Maroma</a></li>
                <li><a href="index.html">Atlantis</a></li>
            </ul>
        </li>
        <li><a href="#">AWESOME CRUISES</a></li>
    </ul>
</nav>
```

Step 1



Step 2



In your text editor, open the styles file.
On line 7 add an import for the mobile menu

Let's next connect the external JavaScript to our index file.
Just above the closing body tag type an open and closing script tag.
Set the source to js / menuToggle.js

Step 3

#

Open the menu toggle JavaScript file.
On line 1 we see that we need to add a button with an id to the html.
Around line 29 add an open and close button with an id = hamburgerBtn

If we look at the javascript we can see on line 7 that we are assigning that button to a variable of x
Then on the next line we are waiting for someone to click the button so we can trigger the toggleMenu function.

Now on line 2 we can see instructions to add an id of primaryNav to the ul.
Open the index page and we will add it right here.

Notice that neither the button nor the ul currently have a class assigned.
Open the js file. You can see on line 4 and 5 that we are toggling a class of "open" to both the button and unordered list. This will allow us to not only open and close the menu but also change the words on the hamburger icon.

When we open the web page and click on the hamburger, the menu open and closes properly. When we touch a parent menu, we can see the sub menu items appear.

If we open the chrome tools and inspect the page we can see the class of open being added to both the button and the ul.

Now make the page wider
notice that the menu changes from red to blue. That's not going to work.

Now its time for some tweaking.

Open the variables file and notice that we have a menuColor variable. Lets copy that.

Open the mobile menu file again and replace the hex color value on line 23 and line 49.

Now when we view our page from small to medium to large it is the same color.
Not bad right, lets try something else.
Open the variable file and change the color for menu to #654;
Again we will look at the small window with the open and close menu to the medium and finally to the large. Notice how simple that was?

Now lets change the menuColor to #c6dfe6; That is a sampled color from the water down here.

Notice that while it worked, the white menu doesn't have enough contrast.

Open the mobilemenu file
On line 30 and 37, change the name of the background image from White to Black.
We should also go to line 63 and change the color to black as well.
Finally open the large file and on line 19 change the color to 90% black.

Here is what we now have for small... medium... and large screens

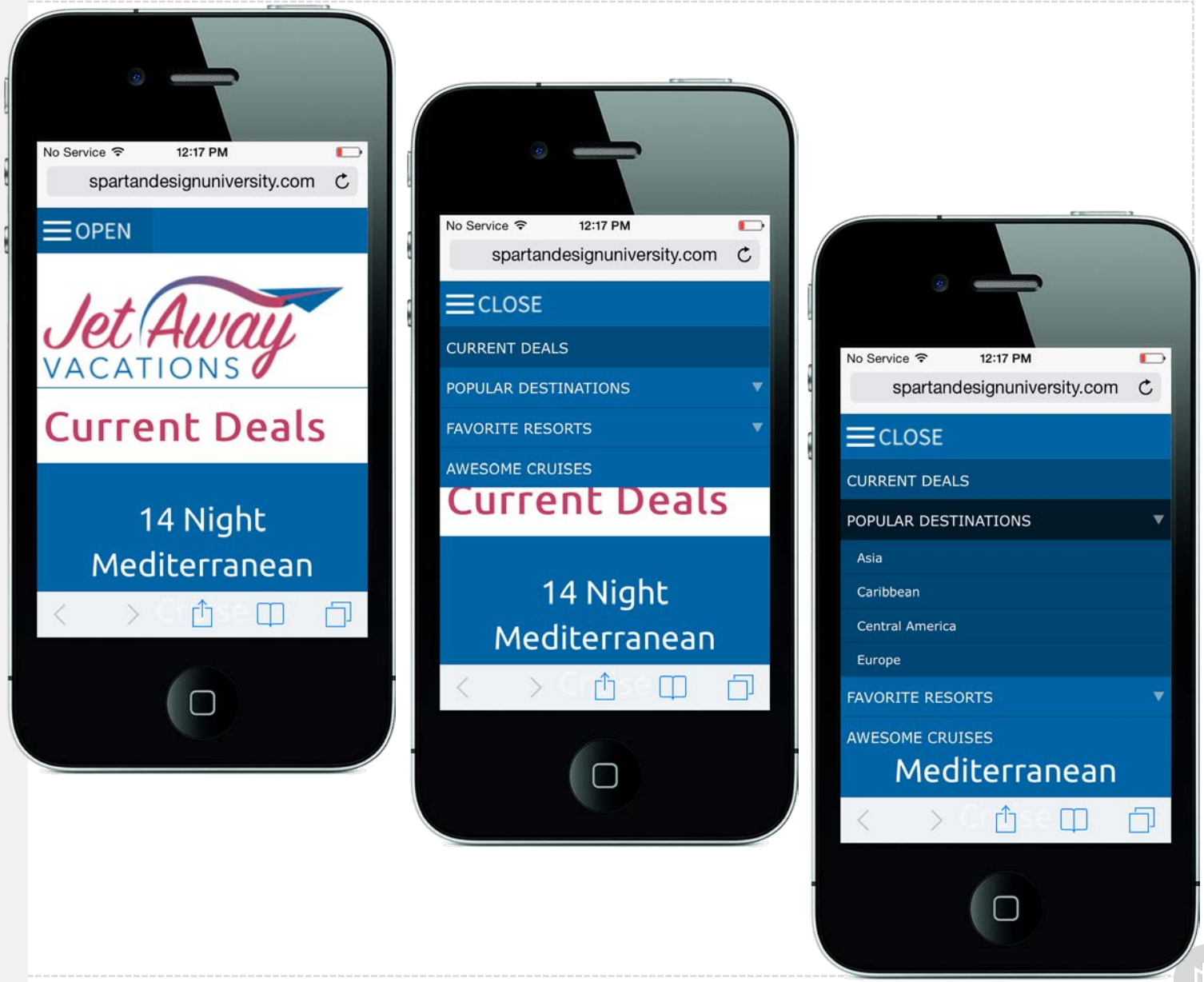
We still have one more problem to solve. This problem only appears when the screen width is exactly 1024 wide.
It cannot be seen if all you do is look at different devices from the dropdown list. That is why scaling the browser width is so essential to pickup these kinds of problems.
Open the browser and with the inspect tool open and set to responsive, type 1024 in the width. Notice that the menu items are displaying funny. This is because the max width of 1024 is still on effect and the min width of 1024 has started. The css is overlapping.

Open the styles file. grab a calculator and take 64rem times 16 base font and add 1 pixel.
Now divide by 16 to get the new rem value for 1025.
Change the value on line 15 to 64.0625rem
Open your browser and refresh the age and notice that the navigation is working properly.
Now let upload and do some testing.

Testing

iPhone 4

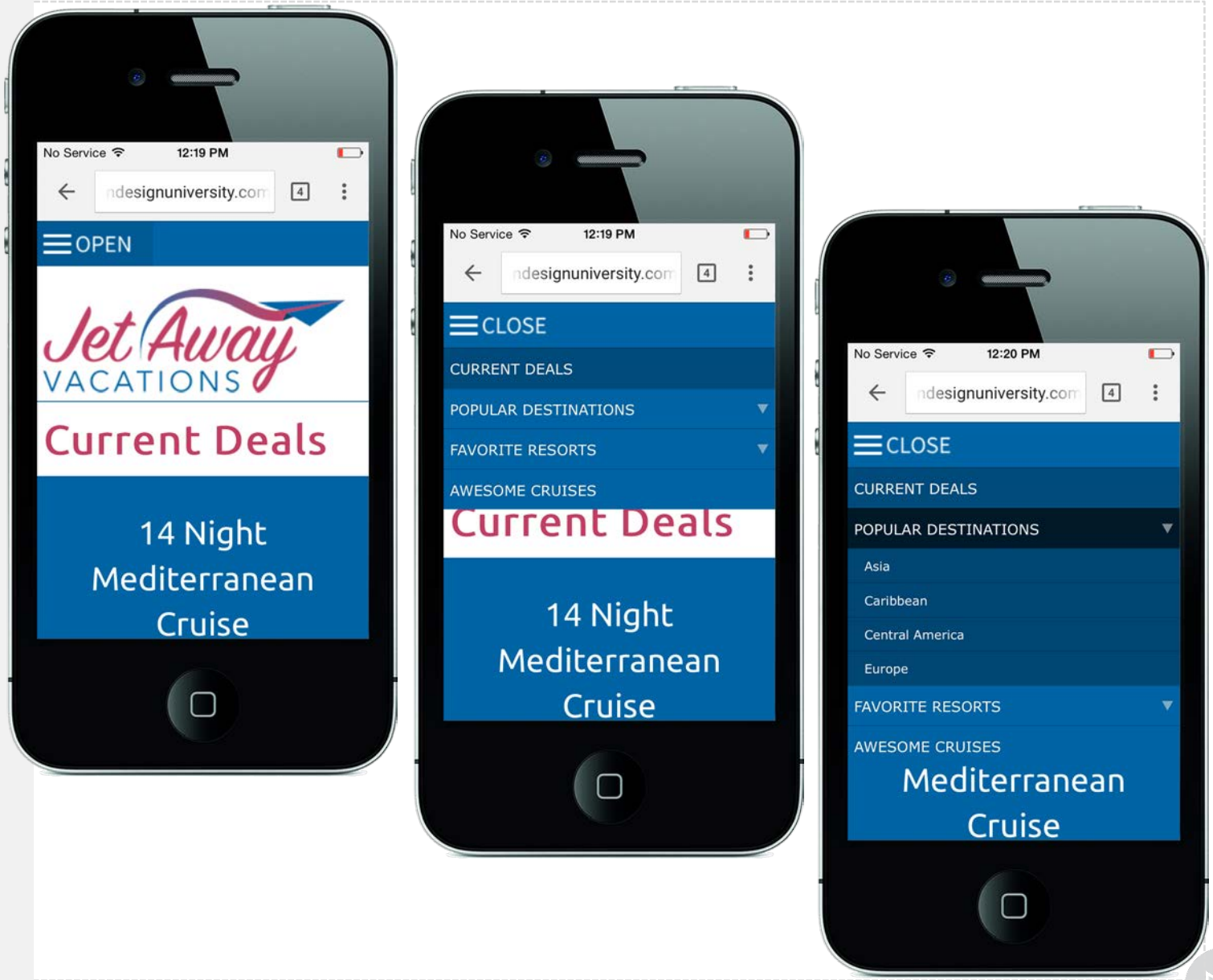
Safari



June 2010

iPhone 4

Chrome

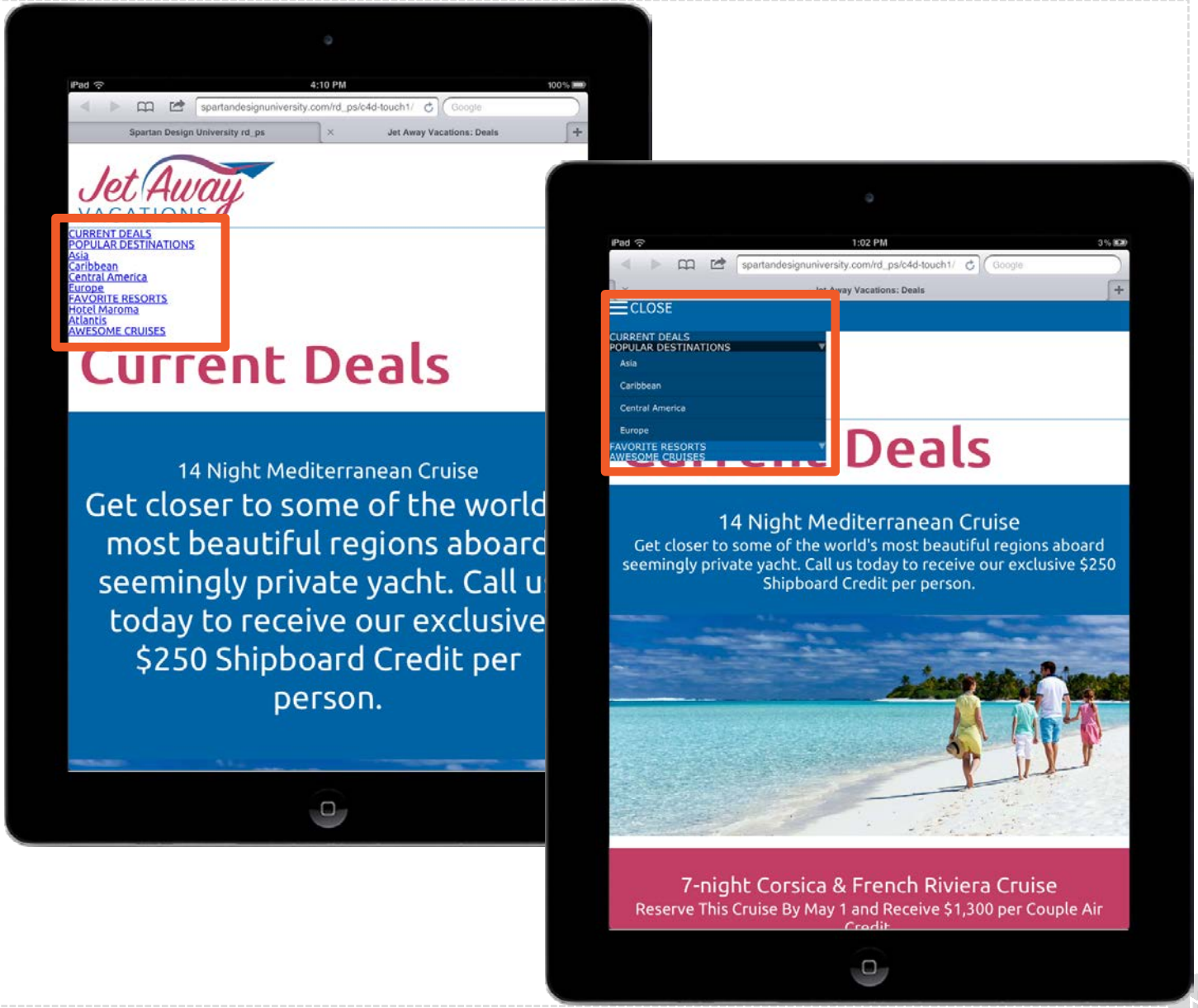


June 2010

iPad 1

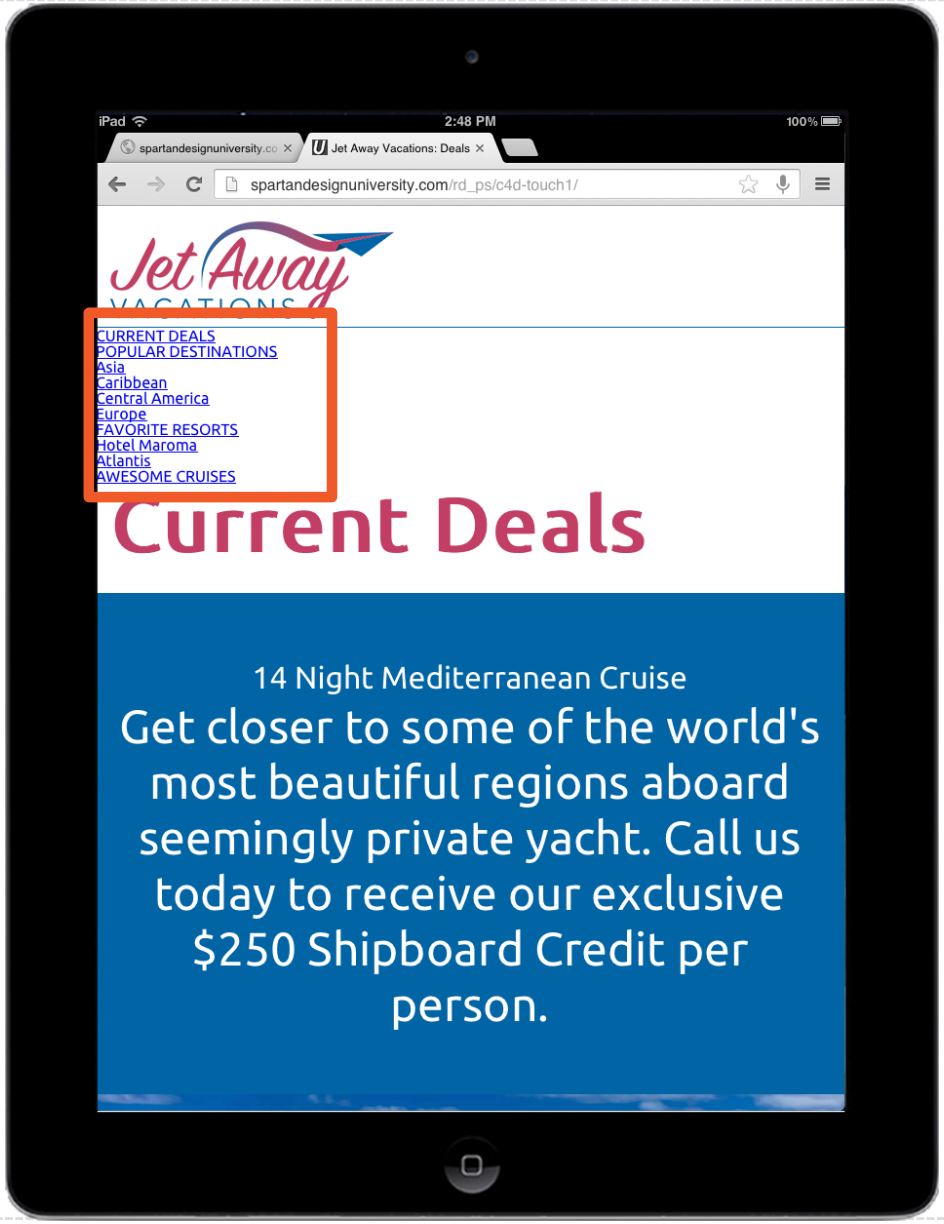
Safari

January 2010



iPad 1

Chrome

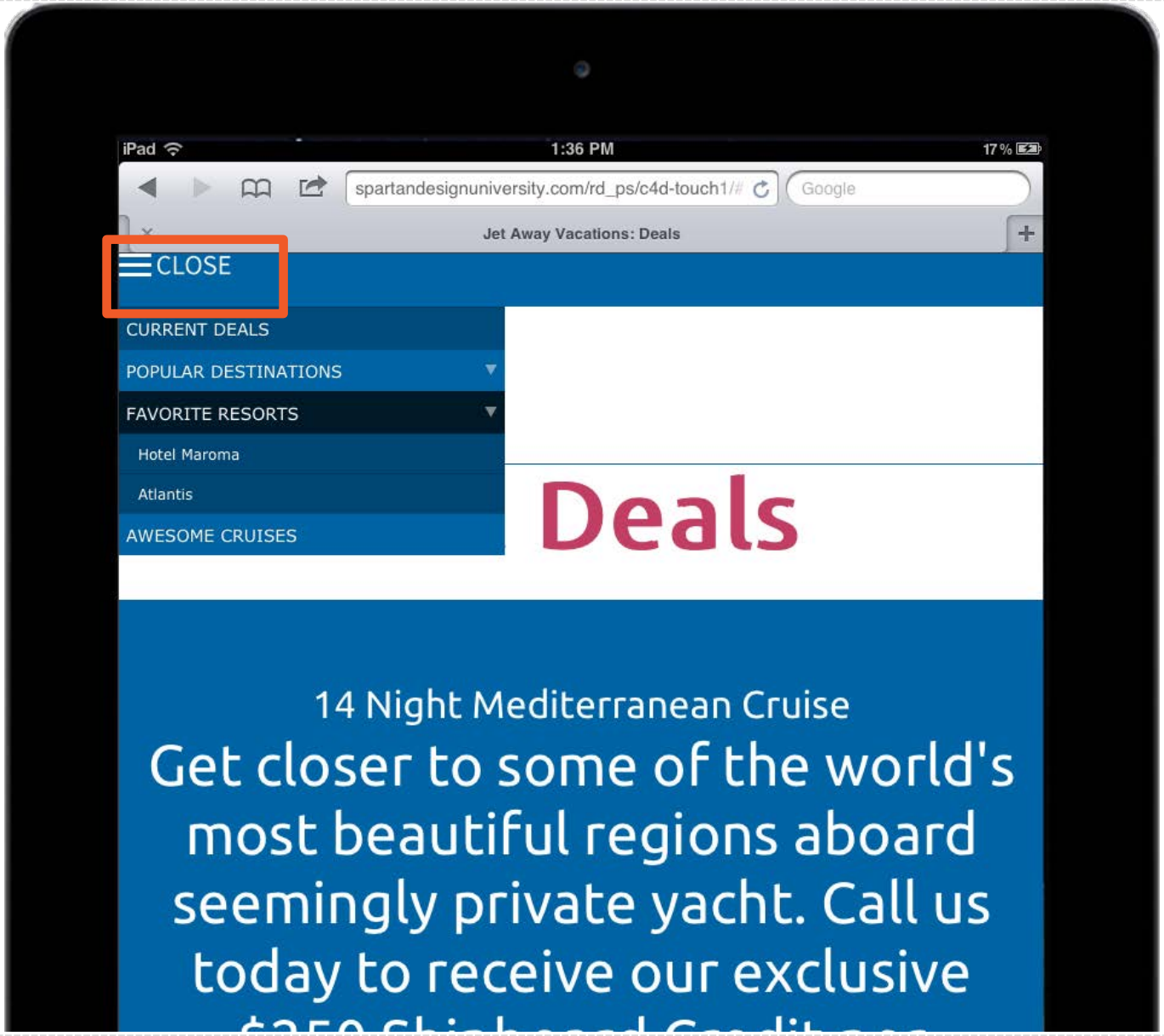


January 2010

iPad 1

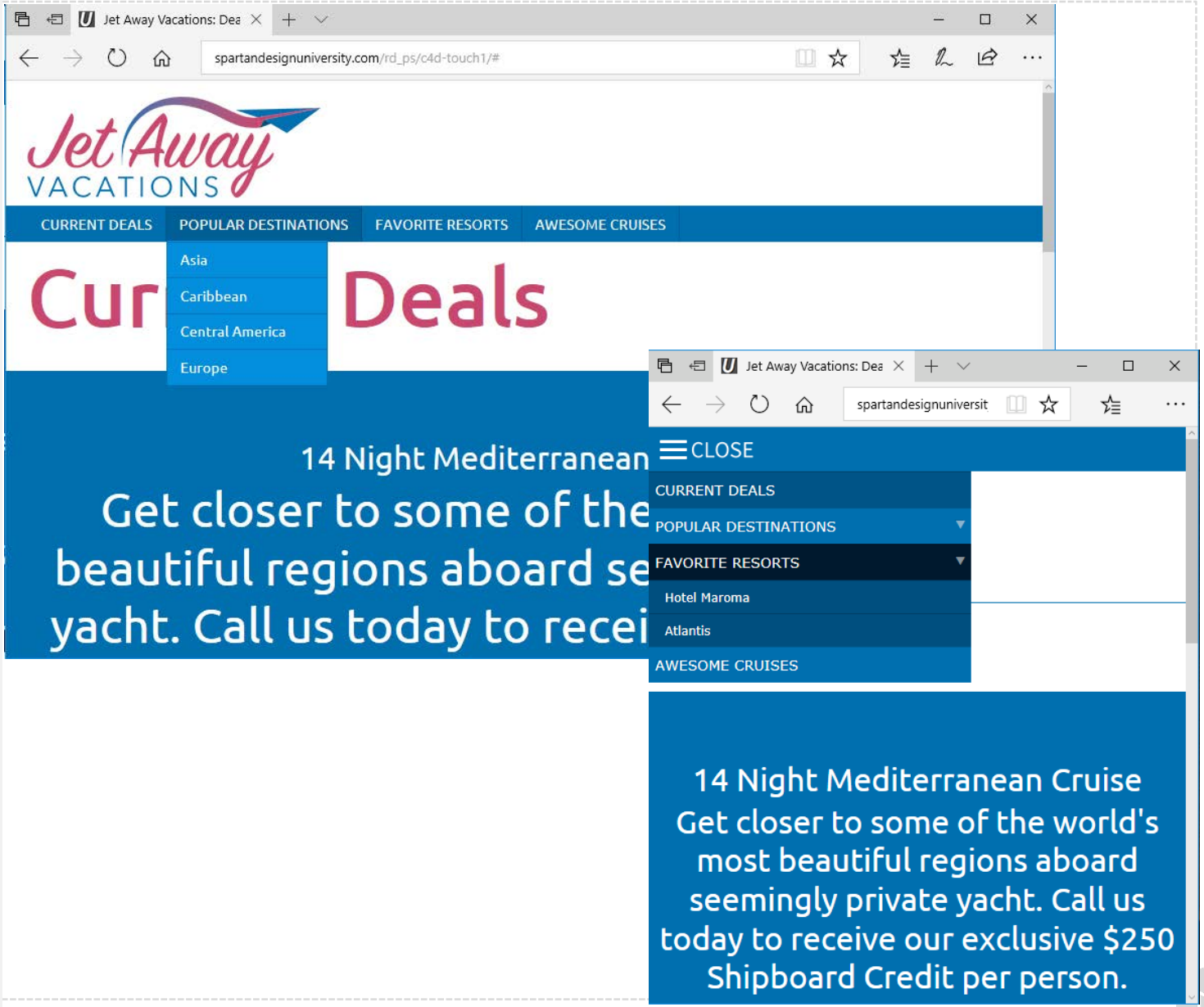
Safari

January 2010



Edge 15

YES


Jet Away Vacations: Dea
spartandesignuniversity.com/rd_ps/c4d-touch1/#
Jet Away VACATIONS
CURRENT DEALS
POPULAR DESTINATIONS
FAVORITE RESORTS
AWESOME CRUISES
Asia
Caribbean
Central America
Europe
Cur
Deals
14 Night Mediterranean
Get closer to some of the
beautiful regions aboard se
yacht. Call us today to recei
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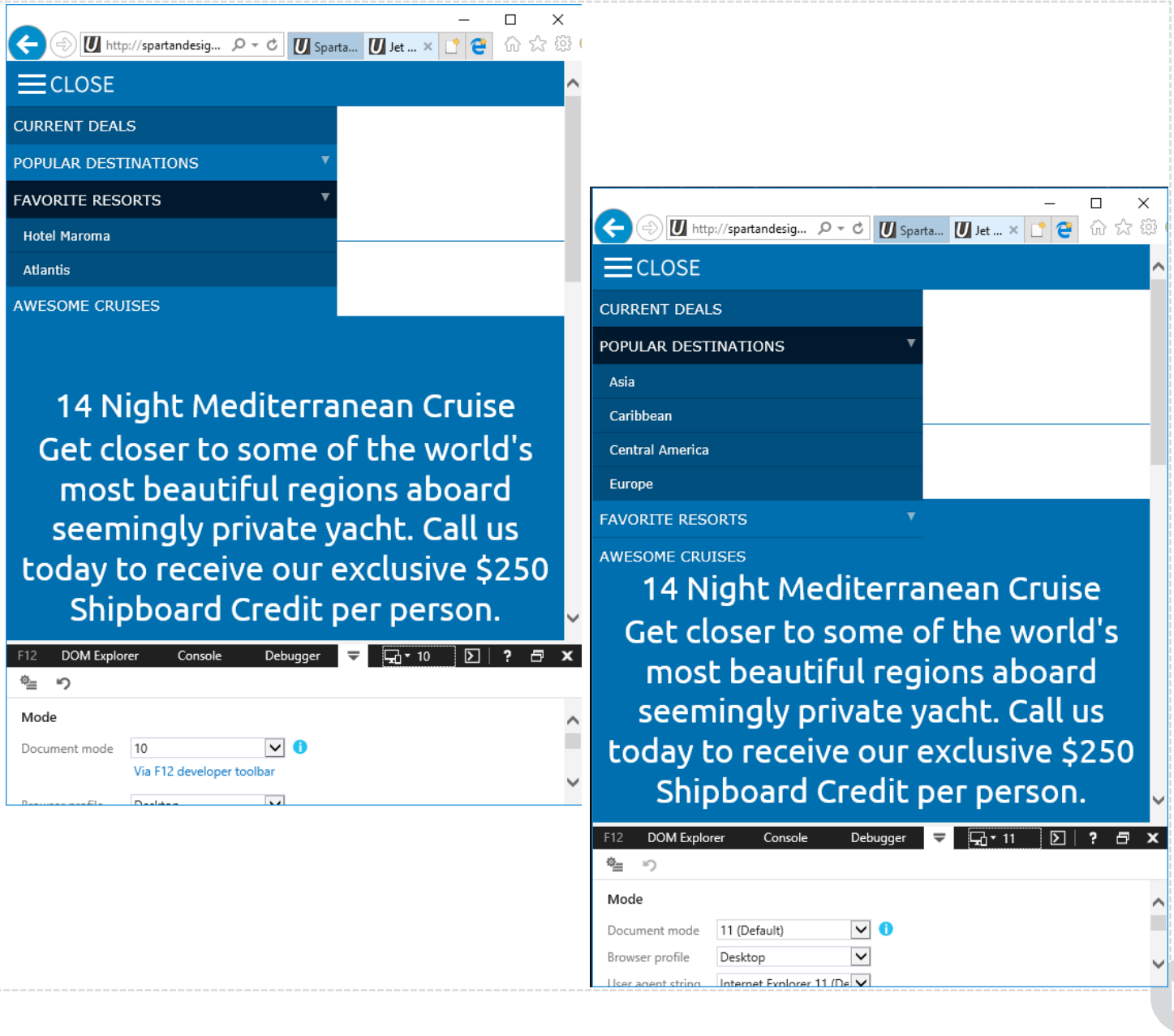
CLOSE
CURRENT DEALS
POPULAR DESTINATIONS
FAVORITE RESORTS
Hotel Maroma
Atlantis
AWESOME CRUISES
14 Night Mediterranean Cruise
Get closer to some of the world's most beautiful regions aboard seemingly private yacht. Call us today to receive our exclusive $250 Shipboard Credit per person.

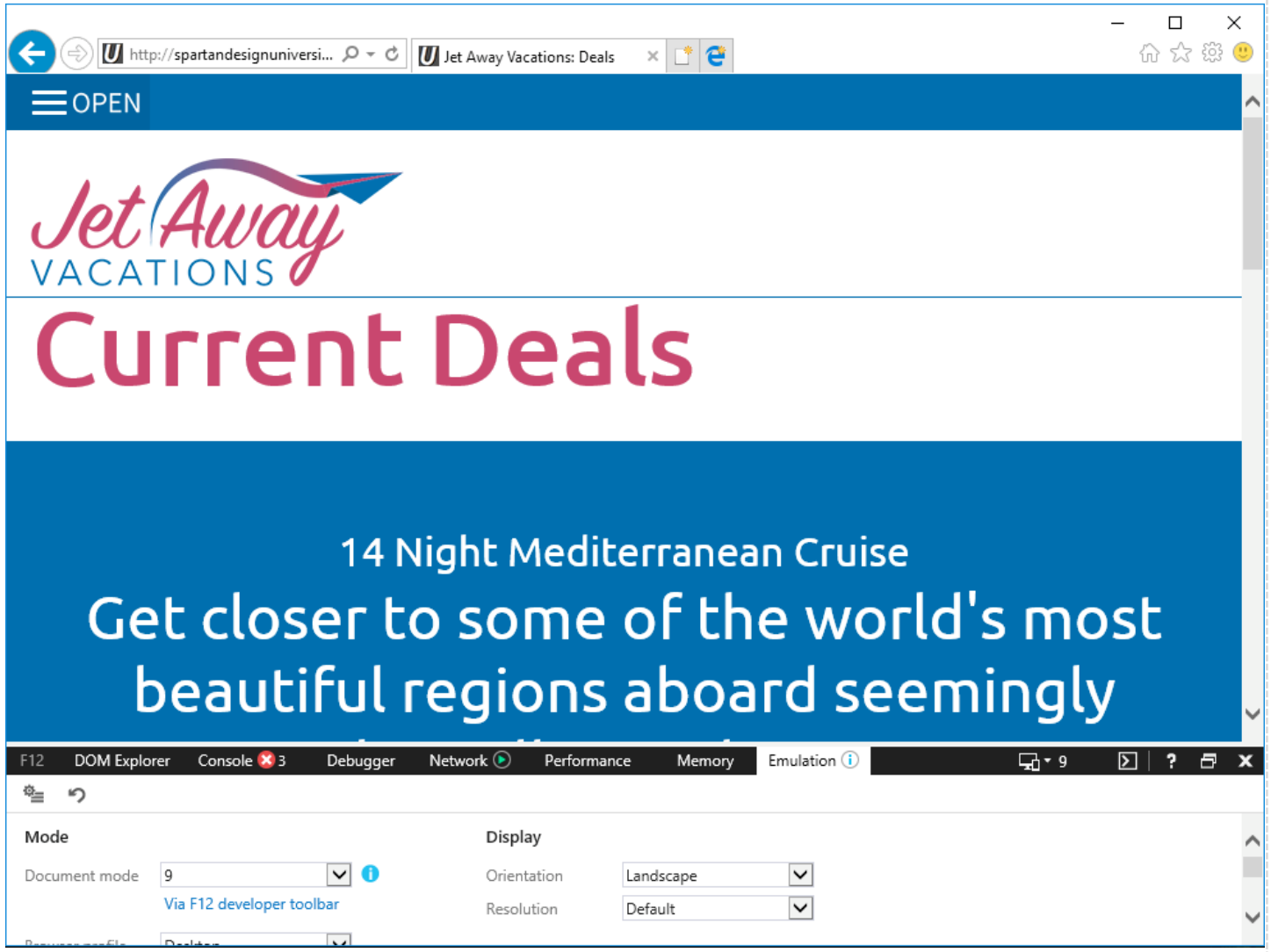
Internet Explorer 10, 11

YES

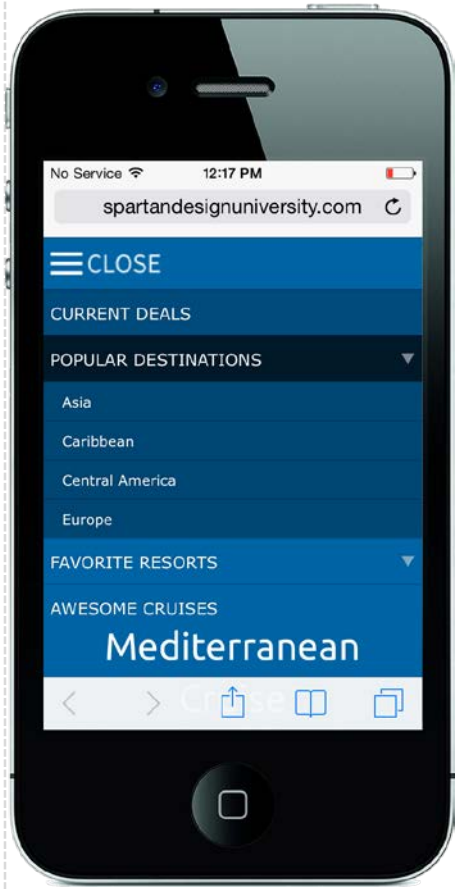


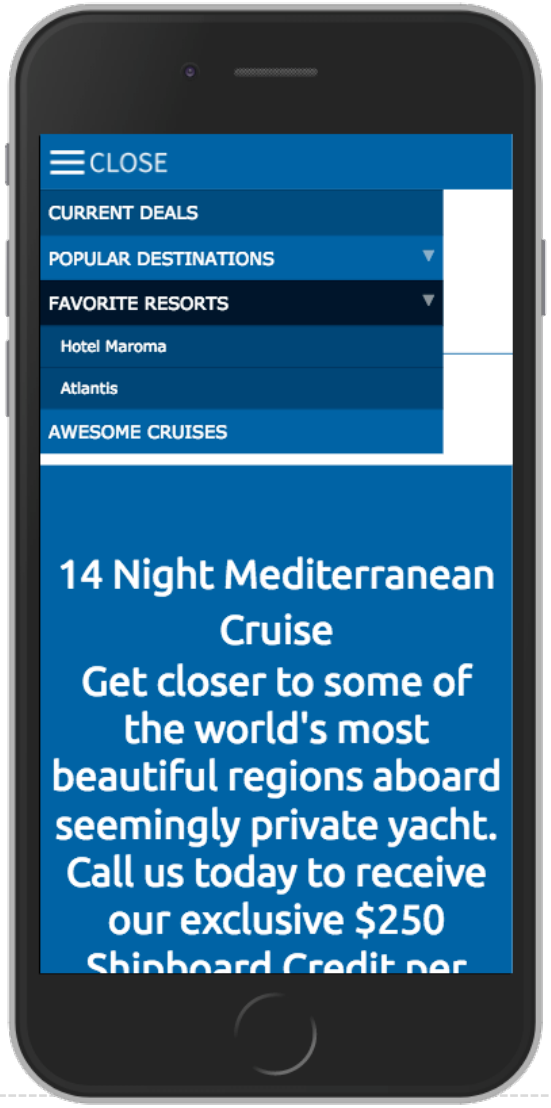
Internet Explorer 9

NO



Application





- 10 Items
- 25 Items
- Color Changes
- Lightweight

Summary

- Completed Project
- Github
- Start Folder
- Connections
- Modifications
- Testing
- Application

Introduction

Coding the Navigation

Cover Navigation

Expanding Navigation

Footer Navigation

Expand on Touch

Single Level Navigation

Icon Navigation