

bv18900

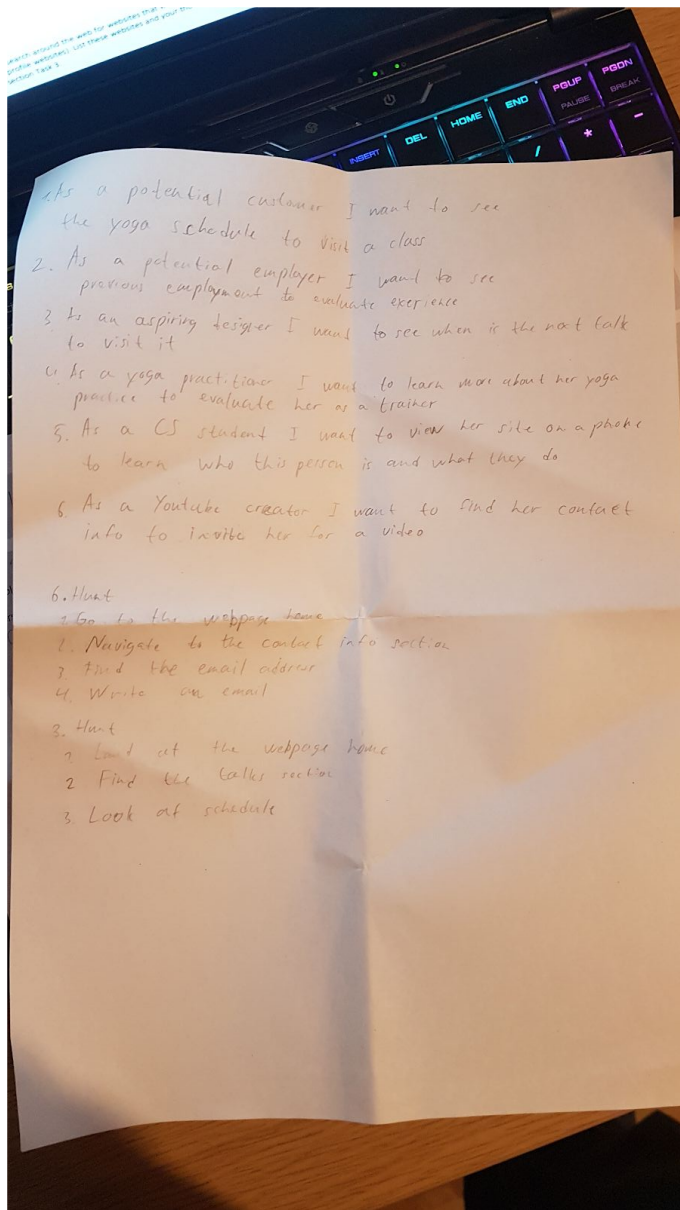
Task 1



Coming on the

[illegible]

Task 2



Name
Kate

Age *~ 20*
Employment *Freelance artist*
Personality keywords
*Creative, unorganised,
emotional*

Blog

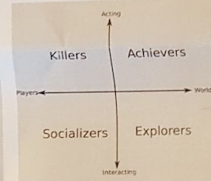
Goals
*Pursuing their art
Eating*

Personal motivations
Pursuing art
Social motivations
Being appreciated
Financial motivations
Making a living

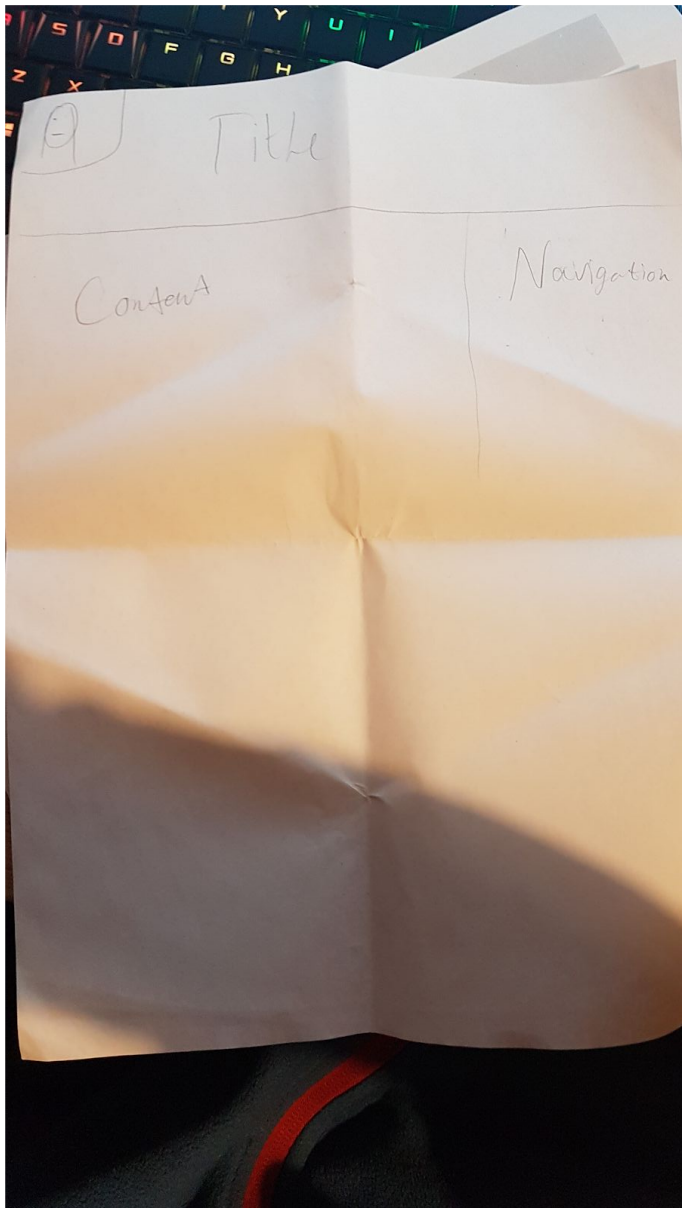
Image

We must:

We must not:



Phone					
Tablet					
Laptop					
Desktop					
Social net					



Task 3



Irene Au

Lorem Ipsum

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque eget volutpat nisi. Vestibulum non sapien ut leo iaculis scelerisque non tincidunt diam. Phasellus sit amet nibh ultrices, fringilla nunc a, tempor leo. Maecenas at faucibus enim. Etiam euismod eleifend ante, id scelerisque diam tristique nec. Nunc sed semper ex. Donec tristique, ante et sodales fermentum, orci arcu ornare leo, eu suscipit justo libero venenatis urna. Suspendisse potenti. Integer et dui in nibh euismod tempor in vel nulla. Duis euismod malesuada consectetur. Sed viverra tincidunt ligula, ac facilisis nisi finibus non. Fusce consectetur ipsum ac euismod congue.

Praesent ac nunc eget diam ornare malesuada. Maecenas molestie in lacus non consequat. Vivamus sit amet leo nec libero aliquam efficitur sollicitudin ac nibh. Curabitur ut tortor quis massa pulvinar porttitor. Vestibulum elementum hendrerit eros a consequat. Etiam dignissim a massa ut consectetur. Vestibulum et leo vel sapien ullamcorper venenatis vel eget enim. Nunc lacinia laoreet erat, id pretium erat ultricies quis.

Fusce porttitor urna nec felis convallis, sit amet varius neque bibendum. Donec magna velit, pellentesque in tellus nec, faucibus dignissim diam. Phasellus lobortis est id sapien rhoncus, a feugiat eros facilisis. Ut tempus aliquam ultrices. Nunc ornare, ipsum vel porta elementum, orci ipsum porta lectus, cursus interdum mi elit at eros. Phasellus pellentesque cursus sodales. Mauris accumsan ante a tortor lacinia, ac porttitor velit porttitor. Sed iaculis, nisi ac eleifend congue, diam lectus vulputate lectus, non maximus felis diam in urna. Vivamus tempus volutpat ligula vel pretium. Aliquam eget dui dignissim, eleifend ex eget, porta est.

Fusce condimentum, nisl congue hendrerit tincidunt, erat justo tincidunt libero, id ultrices dui lectus ut velit. Nunc laoreet fermentum mi, vitae malesuada est. Mauris vel sem ut nunc dignissim tempus eget ac mi. Aliquam convallis convallis tempor, In bibendum ac neque vel fringilla. Etiam condimentum eu dui id finibus. Mauris diam diam, accumsan id eros id, pulvinar varius nisl. In molestie neque in imperdiet facilisis. Nullam suscipit, ex sit amet tempor hendrerit, purus urna egestas lectus, id dictum lorem arcu id orci. Nulla facilisi.

Pellentesque malesuada nulla in lacus cursus, vestibulum laoreet neque molestie. Nunc a egestas mauris, id molestie odio. Aliquam ornare lobortis leo, vel pulvinar purus sagittis ac. Duis blandit lacinia urna, vel scelerisque dolor consectetur eu. Praesent aliquam augue ligula, in commodo massa dapibus et. Praesent porta est mauris. Aenean felis purus, dictum nec euismod nec, sagittis eget mi. Phasellus eu est eget neque elementum gravida sit amet vitae augue. Aenean ut vulputate urna, a sodales nunc. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aenean gravida turpis vitae sagittis tincidunt. Sed nec lacus est. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Praesent ac lorem vehicula, ultricies dolor sed, ultricies velit. Nullam vel lacus a tellus blandit ultrices. Suspendisse accumsan vel tortor dignissim porttitor.

About me

My career

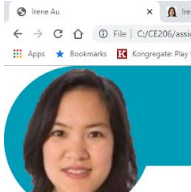
My yoga classes

Speaking schedule

Yoga classes schedule

Contact me

Task 4



Irene Au

About me

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis sapien tortor, feugiat nec munc sit amet, consequat sagittis diam. Maecenas vestibulum lorem nec odio blandit suscipit. Sed sed enim porttitor, semper urna et, rutrum ipsum. Suspendisse quis enim eget enim pretium ornare. Nulla facilisi. Pellentesque convallis turpis eu fringilla condimentum. Maecenas at leo at enim vestibulum faucibus sed at quam. Suspendisse commodo faucibus massa. Donec egestas odio vel mauris rutrum blandit sit amet at quam. Curabitur id tincidunt lacus. Quisque eget vestibulum mauris, sed lacinia eros. Morbi sit amet tortor at risus lobortis dictum. Aenean ultrices congue blandit. Cras euismod eget risus cursus molestie. Sed fermentum vitae libero nec aliquam. Etiam tempus sapien sit amet diam tristique, eu tristique neque tristique. Etiam sit amet magna at quam tristique cursus quis at orci. Phasellus vitae porta massa, sit amet maximus massa. Curabitur rutrum volutpat lacus vitae cursus. Etiam euismod diam turpis, conseqat eleifend augue cursus a. Integer eu leo et elit aliquet venenatis. Morbi rhoncus sapien at ligula sodales, maximus suscipit lectus tristique. Quisque ut pellentesque felis, at lacinia nulla. Nullam id eros sem. Nam et orci quis orci molestie mollis. Donec mollis diam sed orci accumsan, vel feugiat lectus lacinia. Mauris orci nulla, laoreet nec egestas ultricies, laoreet sit amet metus. Etiam ultricies cursus sagittis. Sed sit amet faucibus lacus. Ut varius lorem nec est egestas porta. Donec tempus nisl quis est scelerisque varius. Donec cursus nisl velit, at varius tellus porttitor quis. Fusce pretium est est, vel egestas augue pulvinar nec. Donec vel pellentesque diam. Sed vitae lectus a munc pulvinar mollis eget in dolor. Maecenas vel nibh sit amet sapien facilisis posuere. Vestibulum nibh nisl, placerat vitae egestas sit amet, congue vitae est. Mauris at pretium ligula, nec volutpat arcu. Nulla vel metus vitae nisi tempus accumsan. Nullam vehicula urna sed mauris venenatis mollis. Sed efficitur metus et pretium interdum. Proin consequat nulla tortor, at varius mi gravida id. Phasellus dignissim leo hendrerit, rhoncus mauris vel, sodales ipsum. Vivamus iaculis mattis augue a egestas. Proin viverra convallis sem, in iaculis justo porta sed. In eu enim id erat vehicula venenatis id at nisl. Etiam non ex eu nunc porta lobortis posuere at turpis. Proin facilisis tellus ut mauris scelerisque luctus. Praesent nec efficitur magna. Sed ultrices ultricies fermentum. Vivamus tristique diam eget massa mattis lobortis. Aliquam sagittis massa ac nisi fermentum, egestas finibus purus tincidunt. Suspendisse a accumsan odio. Aliquam erat volutpat. Vestibulum sed sapien metus. Cras a aliquam diam. In euismod magna ac nulla tempus, eu luctus eros euismod. Vivamus sapien elit, consequat a magna vitae, sollicitudin vulputate tellus. Fusce vitae enim at felis imperdiet tristique. Phasellus nec accumsan dolor. Sed auctor ipsum eget iaculis iaculis. Phasellus non accumsan elit. Sed in egestas sem, et sollicitudin lectus.

Career

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis sapien tortor, feugiat nec munc sit amet, consequat sagittis diam. Maecenas vestibulum lorem nec odio blandit suscipit. Sed sed enim porttitor, semper urna et, rutrum ipsum. Suspendisse quis enim eget enim pretium ornare. Nulla facilisi. Pellentesque convallis turpis eu fringilla condimentum. Maecenas at leo at enim vestibulum faucibus sed at quam. Suspendisse commodo faucibus massa. Donec egestas odio vel mauris rutrum blandit sit amet at quam. Curabitur id tincidunt lacus. Quisque eget vestibulum mauris, sed lacinia eros. Morbi sit amet tortor at risus lobortis dictum. Aenean ultrices congue blandit. Cras euismod eget risus cursus molestie. Sed fermentum vitae libero nec aliquam. Etiam tempus sapien sit amet diam tristique, eu tristique neque tristique. Etiam sit amet magna at quam tristique cursus quis at orci. Phasellus vitae porta massa, sit amet maximus massa. Curabitur rutrum volutpat lacus vitae cursus. Etiam euismod diam turpis, conseqat eleifend augue cursus a. Integer eu leo et elit aliquet venenatis. Morbi rhoncus sapien at ligula sodales, maximus suscipit lectus tristique. Quisque ut pellentesque felis, at lacinia nulla. Nullam id eros sem. Nam et orci quis orci molestie mollis. Donec mollis diam sed orci accumsan, vel feugiat lectus lacinia. Mauris orci nulla, laoreet nec egestas ultricies, laoreet sit amet

About me

My career

My yoga classes

Speaking schedule

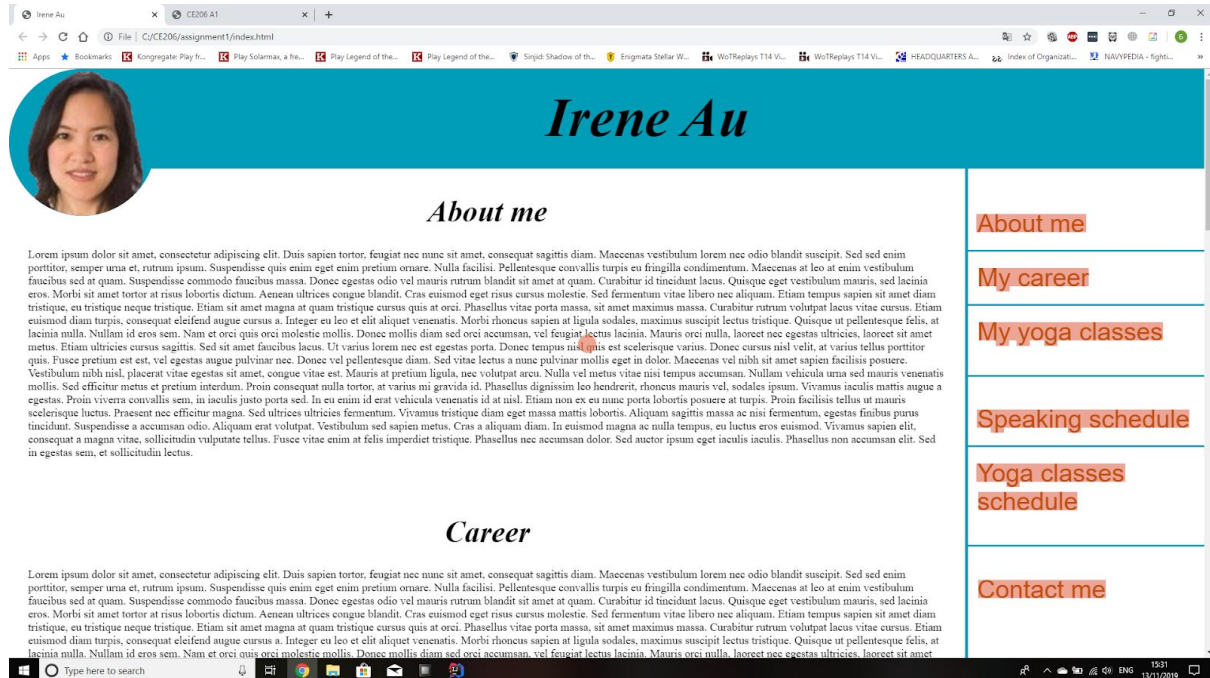
Yoga classes schedule

Contact me

Task 5

Fitz's Law

Below is a screenshot of the site with areas of interactivity and the centre highlighted

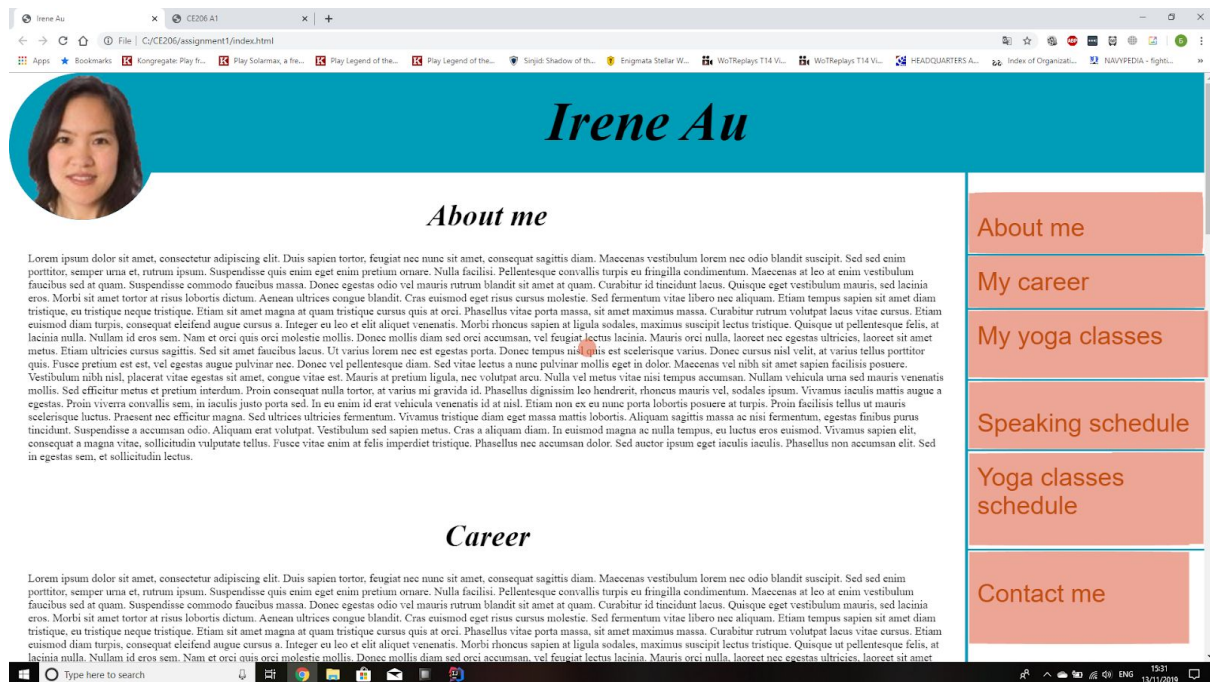


Let us assume that $a=0.25s$ and $b=0.125s$, that user's mouse pointer starts in the centre of the screen and that D/W ratio on user's device isn't substantially different from one on my machine

In that case we get:

	D (px)	W (px)	Mt (s)
About me	737	108	0.6210
My career	722	168	0.5507
My yoga classes	770	292	0.4828
Speaking schedule	810	193	0.5472
Yoga classes schedule	750	114	0.6152
Contact me	817	60	0.7337

These results should be possible to significantly improve by expanding the clickable areas of the buttons



New results for Fitz's Law are:

	D (px)	W (px)	Mt (s)
About me	822	361	0.4640
My career	810	379	0.4562
My yoga classes	795	378	0.4542
Speaking schedule	805	377	0.4561
Yoga classes schedule	842	390	0.4574
Contact me	875	327	0.4848

I would argue that performing a statistical analysis on this data is not entirely valid, since change in results of a calculation could not possibly be the result of random chance.

However, if the Mt values were to be real world data, a paired t test would be suitable. I used an online site from one of the labs to calculate the degree of statistical significance of our results , - <https://www.graphpad.com/quickcalcs/ttest1/>.

The result is that if the null hypothesis is that the observed change is the result of random chance, $p=0.0044$, making our data quite statistically significant

User surveys

I have surveyed 5 CSEE students for feedback on my site. The results of the survey are as follows:

Timestamp	Your age	What is your overall impression of the design?	What improvements would you like to see on the site?	What elements would you like to stay as they are?
12/11/2019 14:19:15	19	Bad	even spacing on the nav bar, add a footer at the bottom. You need a higher resolution image for Irene.	the header looks nice and professional.
12/11/2019 14:42:14	21	Horrific	The Navigation Bar is not seen very well, there is no indication that the text of the navigation bar is clickable. The Yoga timetable section is just a description and not an actual timetable. Photo for the headers seem to be cut off on the top-left corner. The navigation bar does not fully end, and social media links can be improved by making them images and adding more contact me information to the actual contact me section. THIS IS BAD HCI.	Nothing
12/11/2019 15:48:48	19	Horrific	more effective use of space	the photo
12/11/2019 15:50:42	19	Acceptable	More colour/variance in the design, more obvious changes between pages/elements, header image is low quality	Sticky nav bar is good, header bar is nice
12/11/2019 17:19:53	19	Acceptable	Vertical menu could have some sort of visual feedback depending on what you're looking at. Could use multiple pages instead of one long one. The images are low res, and the links at the bottom are very basic.	Font, background and layout are fine.

Possible changes

From the feedback I have available to me, there are a few improvements I can see

Navigation bar is an issue that comes up a few times. Implementing some form of feedback on hover over and either tweaking the layout to be either more clear with its categorization or more uniform in appearance seem like good ideas. It would also be helpful to expand the clickable area beyond the text only, although I am not entirely certain how technically difficult would that be.

Links in the contact me area are too basic. Adding some simple images and/or making them take up more space visually might help.

Irene's portrait in the header needs to be higher resolution.

The way page keeps on scrolling for about half a screen after the content ends seems to frustrate some users. This is a bug and ideally needs to be fixed, but debugging css layout has proven frustratingly difficult so far.

Task 6

For the changes to actually implement I have chosen to:

- Make navigation links uniformly spaced, - except “Contact me”, which is now the only link with non-standard spacing, - and make them change colour on hover

- Replace portrait in the header with a higher resolution image

- Tackle the scroll beyond content bug

While this was not a complaint raised by the users, I also decided it would be an improvement to add a substantial amount of white space to the left and right of the main content text instead of it stretching extremely wide.