

AINT253 Design Challenge 2 - Classmate's room

Specifications

You will interview a fellow student. Information gathered will be used to create a bedroom scene that reflects this student. Combining visual, audio, and interactive elements for the final visualisation.

Resources:

All linked on the Trello:

<https://trello.com/b/mRTwZlmb/aint253-design-process-challenge-2>

Github:

<https://github.com/10203040506070809/Design-Challenge-2>

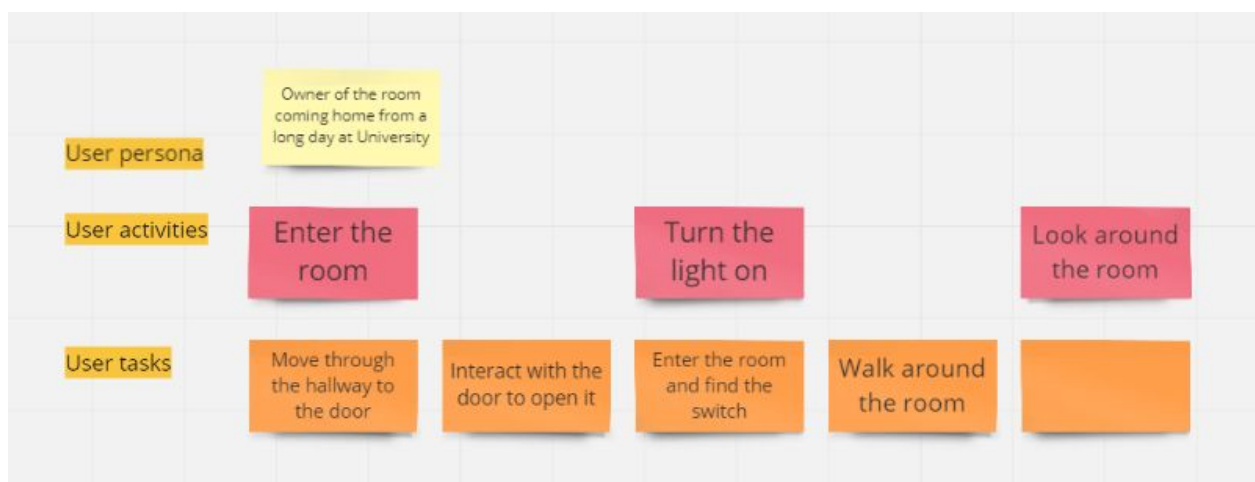
Real Time Board:

<https://realtimeboard.com/welcomeonboard/4cDPoLYrxUtEs6tZ56cONs4HCAXfpCnT5v4ht0HxWZN5DRXtl9aP39uX9MDpo5Zg>

Research:

The challenge required me to go to a classmate and ask them questions about their bedroom. This lead me to consider what the most important aspects and what requirements does a bedroom have. To do this, I used a mood board and picked out features that consistently appeared across all the moodboards. Which I then used as a reference for the questions during the interview.

User Story Map:



Mood Boards:

The prominent and consistent features I picked up from the room mood board was that there was always a bed, wardrobe and windows. Other noted points were the open layouts which meant that objects were generally around the exterior of the rooms, and the windows provided a large amount of natural light, which was the dominant light source in all of the scenarios. They also generally followed a colour scheme, if I wasn't concise enough with my questions, I would be able to take an educated guess on the colour of an object based on the colour scheme of the objects around it.

As the client stated they have a modern designed bed, I created a mood board on several modern bed designs, which all seemed to have a similar theme - A combination of dark and light colours, usually black/white/grey and also predominantly in the same pattern. Most of these patterns had very simple designs, with no or a very minimal texture on it. This meant that I could forego texturing the bed outside of colouring it and still maintain accuracy.





Reoccurring colours of black/white/grey



Rounded edges

Textured backboard



No legs



Blanket/Duvet



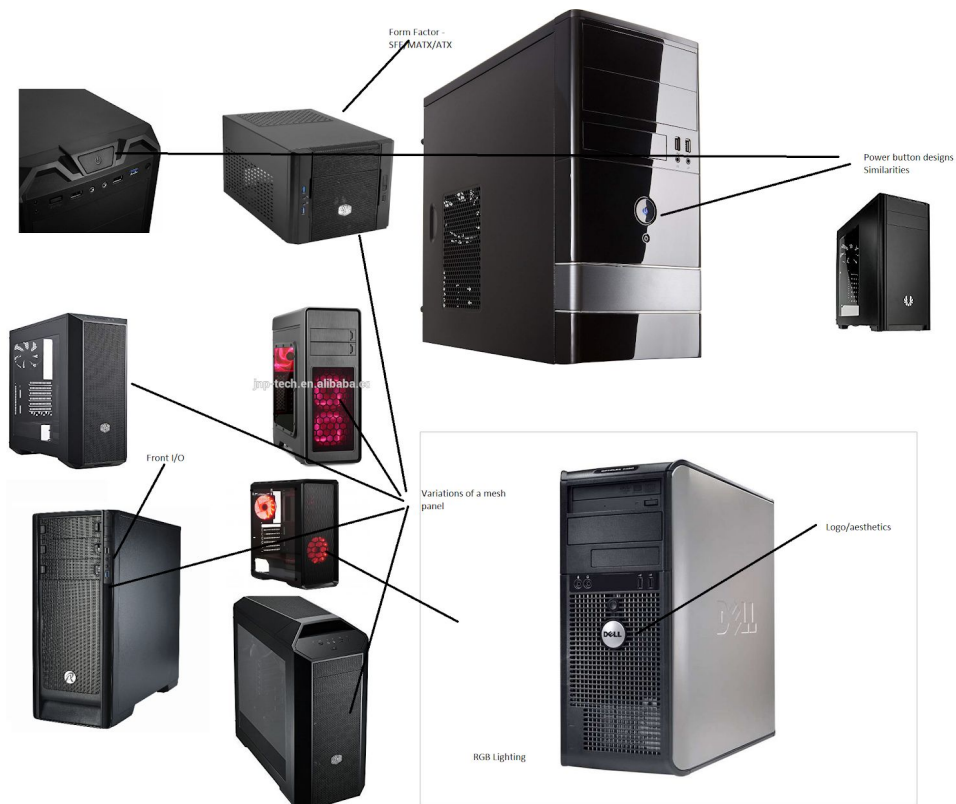
Monitors vary a great deal in their design, however they all have the same base components - A stand, a bezel, and a display. Due to the client telling me they have a Dell monitor, I primarily created a mood board based around those monitors. This helped me derive that the bezel was most likely somewhat thicker and would stand out from the monitor and was comprised of two different colours - a shiny black colour for the display and a matte black for the remainder of the monitor.





As a shelf and a bookshelf are fairly similar in design, I combined their mood boards. Modern shelving appears very minimalistic and flat, so I mimicked this by creating a flat white shelf. This is repeated in the bookshelf design, however as the client stated they have an 's shaped' bookshelf I made a very simple s shape and filled it with books.

The client stated that the computer had a mesh front panel and no glass side panel so I made a mood board of some examples of computers with mesh panels and some with no glass side panel as a reference when designing the computer. Others were included for other references, such as the power button, form factor and front panel connectors.





Sources

Mood Boards:

Bedrooms:

<https://www.ikea.com/gb/en/rooms/bedroom/>

Beds:

<https://www.cantoni.com/product/bari+bed.do>

<https://www.furniturestorelosangeles.com/evita-modern-platform-bed-with-lights.html>

<http://boshdesigns.com/taking-a-look-at-a-modern-bed/>

<https://www.amazon.com/Baxton-Studio-Norwich-Modern-Platform/dp/B00PN9XVZO>

<https://www.amazon.com/Baxton-Studio-Madison-Upholstered-Headboard/dp/B008AX62S>

<https://www.amazon.co.uk/Canali-Leather-Italian-Style-Double/dp/B00RLS43KM>
<https://www.amazon.com/Furniture-Zoe-Platform-Hydraulic-Black/dp/B00JZKBF3M>
<https://www.restorationhardware.com/catalog/product/product.jsp?productId=prod11240034>

<https://www.bisonoffice.com/baxton-studio-prenetta-black-modern-bed-with-upholstered-headboard-queen-size/BBT6352-Black-Queen/p/>

Monitors:

<https://www.amazon.co.uk/Dell-SE2416H-Monitor/dp/B012AQICKG>
<https://www.bestbuy.com/site/asus-24-led-fhd-freesync-monitor-black/5591926.p?skuld=5591926>
https://www.philips.co.uk/c-p/328E8QJAB5_00/curved-lcd-monitor-with-ultra-wide-color
<https://www.amazon.co.uk/HP-24es-Monitor-1920x1080-pixels/dp/B01G1M5B0O>
<https://www.flipkart.com/dell-18-5-inch-hd-led-backlit-monitor/p/itmewm8z6awyx9rr>
<https://www.amazon.co.uk/HP-22es-54-61-Monitor-T3M70AA/dp/B01G1M5B0E>
https://www.google.com/url?sa=i&source=images&cd=&ved=2ahUKEwia9MjThsXeAhWqI8AKHY5MBRQJjxx6BAGBEAI&url=https%3A%2F%2Fwww.pcmag.com%2Farticle%2F0%2C2817%2C2475537%2C00.asp&psig=AOvVaw2FNI8r-Bxjy6N0JdIsK_XX&ust=1541775285431122
https://www.bhphotovideo.com/c/product/1187690-REG/dell_e2216h_21_5_widescreen_led.html

Wardrobes:

<http://www.gumbot.co.uk/product/hhgw/>
<https://www.indiamart.com/proddetail/plain-bedroom-wardrobe-19558689012.html>
<https://furnituredirectuk.net/bedroom/all-wardrobe/clearance-wardrobes/cheap-price-online-welcome-furniture-warwick-2-door-tall-plain-wardrobe.html>
<https://www.ikea.com/es/en/products/wardrobes/free-standing-wardrobes/hemnes-wardrobe-with-2-sliding-doors-white-stain-art-50251270/>
<https://www.ikea.com/gb/en/products/wardrobes/free-standing-wardrobes/>
<http://flashing-insights.com/como-hacer-puertas-abatibles-para-armarios/como-hacer-puertas-abatibles-para-armarios-lo-mejor-de-puertas-del-closet-closet-pinterest/>
<http://fernats.com/blog/marvelous-recycled-furniture-based-office-project-by-i29/>

Shelves:

<https://www.digsdigs.com/modern-custom-shelving-keep-cat-happy/>

<https://www.cb2.com/3.14-white-bookcase/s129103>

<https://www.amazon.co.uk/Rebecca%C2%AE-Shelving-Bookcase-Documents-Furniture/dp/B06W5CPBTS>

https://www.allposters.co.uk/-sp/Modern-Shelves-Posters_i10358953_.htm

<https://www.canstockphoto.co.uk/modern-shelves-29559650.html>

<https://www.amazon.co.uk/SONGMICS-Floating-Shelving-Invisible-Mounting/dp/B07B9TN3PD>

Computer cases:

https://www.alibaba.com/product-detail/Metal-mesh-front-panel-Gaming-PC_60652096154_.html

<http://www.dvtests.com/x2-penta-gaming-case/>

<https://www.amazon.com/Rosewill-Computer-plastic-computer-FBM-01/dp/B005LIDU5S>

<https://www.instructables.com/id/Repainting-a-Computer-Case-With-Design/>

<http://www.expertreviews.co.uk/pcs/1405277/best-pc-case-the-best-cases-for-your-pc-build>

<https://www.amazon.co.uk/BitFenix-Nova-computer-case-120/dp/B016CMS1IW>

<https://www.novatech.co.uk/products/avp-storm-p27-mid-tower-case/storm-p27.html>

<http://www.sadetar.com/66-Computer-Case?p=3>

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<http://www.abastore.net/en/case-per-pc-desktop/465-cooler-master-masterbox-5-nero-4719512052679.html>

Doors:

<https://homeguides.sfgate.com/spruce-up-plain-interior-doors-73207.html>

<https://www.doors4uk.co.uk/white-laminate-doors>

https://www.alibaba.com/product-detail/High-End-White-Modern-Internal-Doors_60654678268.html

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<https://nl.pinterest.com/pin/711779916078520918/>

<http://budas.biz/plain-white-bedroom-door.html/4>

Made using:

Unity Standard Asset Pack - FirstPersonCharacter

<https://assetstore.unity.com/packages/essentials/asset-packs/standard-assets-32351>