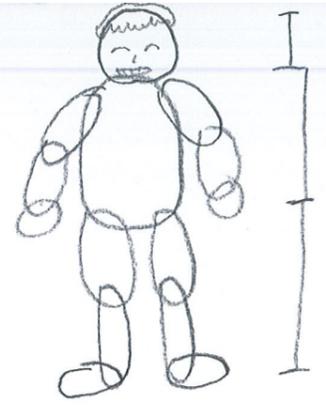


CRITERIA 2

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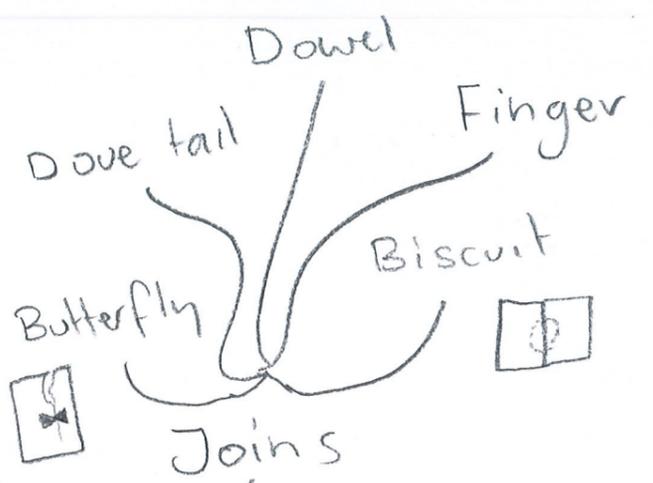
Anthropometrics

Ergonomics



Arms
Body lengths

Deforestation
Socially sustainable
life cycle
Sustainability



Construction techniques

Wood Glue
Screws
Nails

What sizes need to be considered?

Coffee Table

Materials that could be considered?

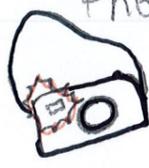
Size of Cups?

Size of Remote?

Size of Boots?

Budget
How much does it cost?
labour
Materials

Photographs & measurements



Style of the table

Timber
Softwoods
Pine
Hardwoods
Blackwood
Wood press Box made from Red Gum

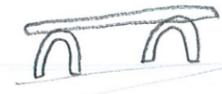
What is its Shape?

Point
Curves
Rectangular lines

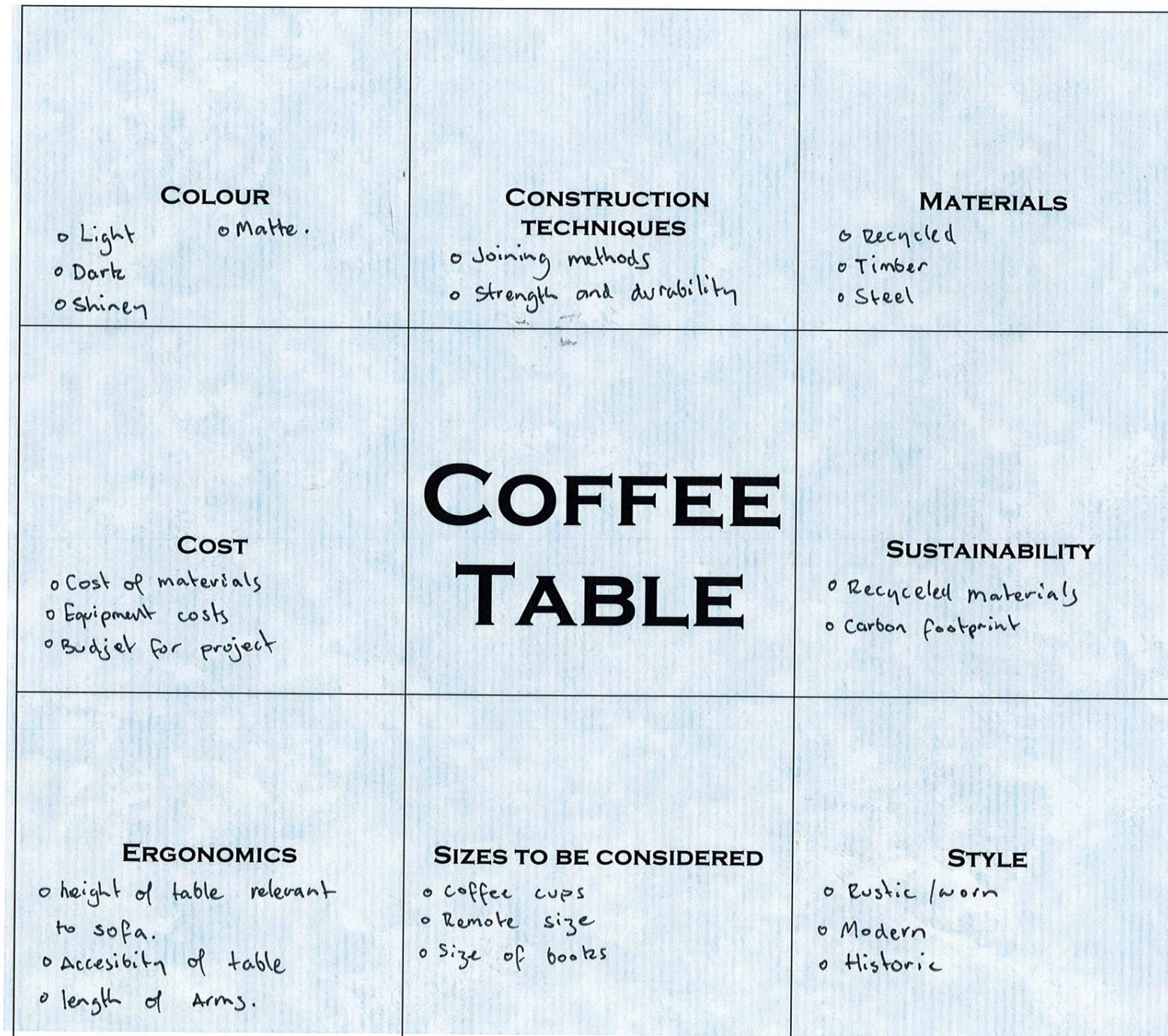
Colour
Dark
Light
Stains

Shape of the frame

four legs
Trapizium
curved



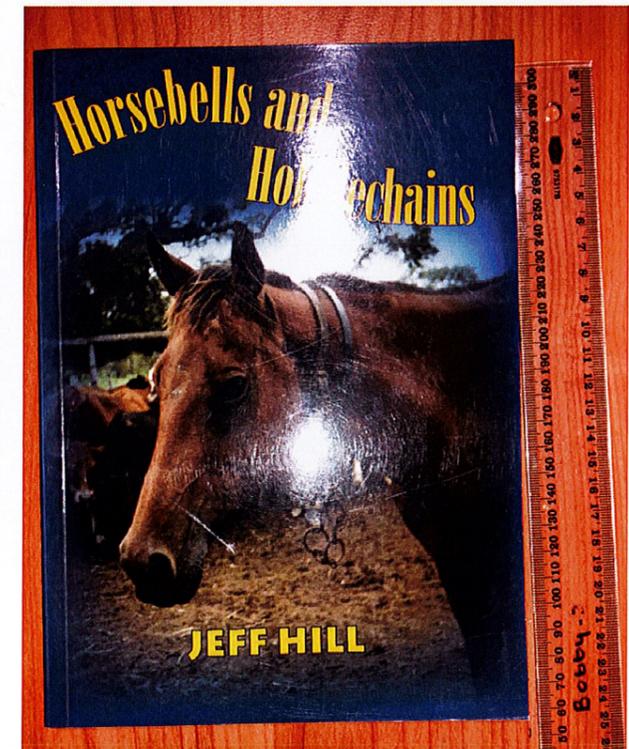
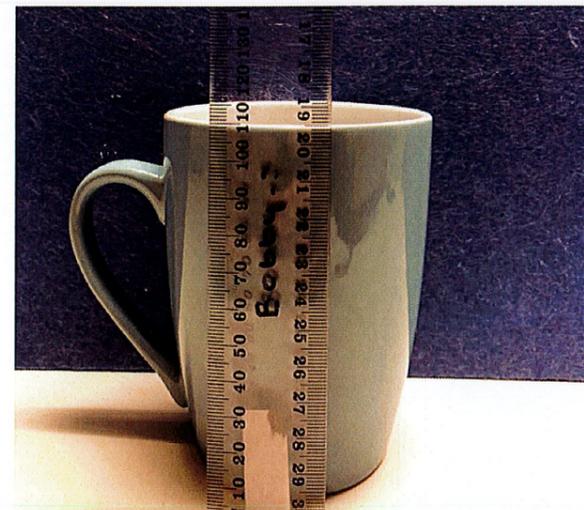
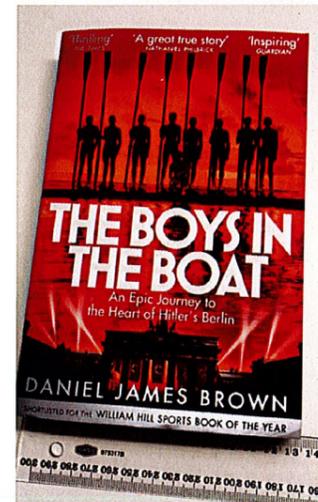
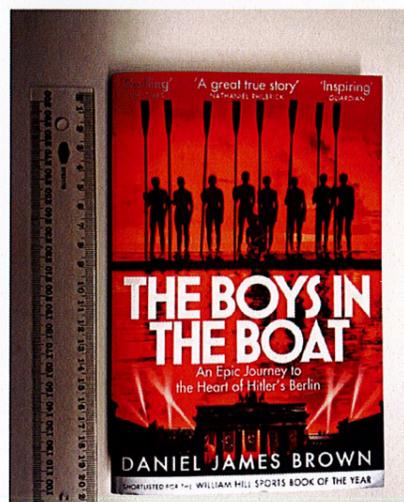
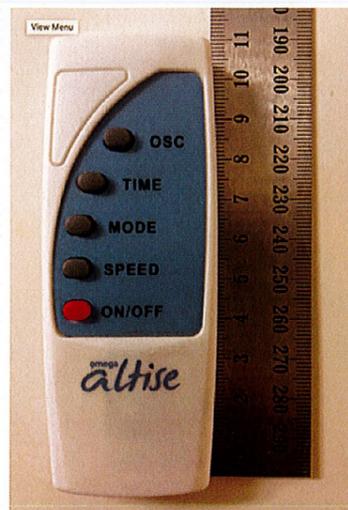
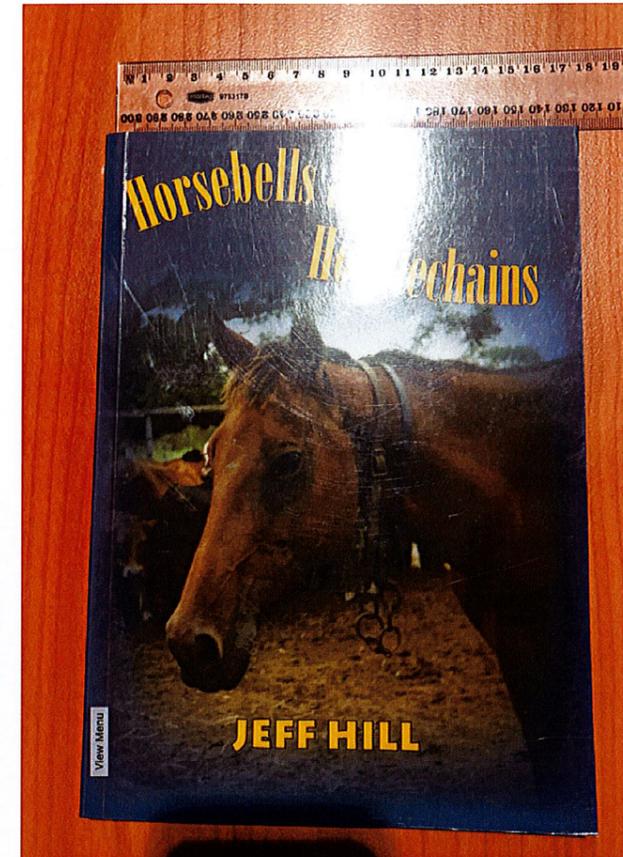
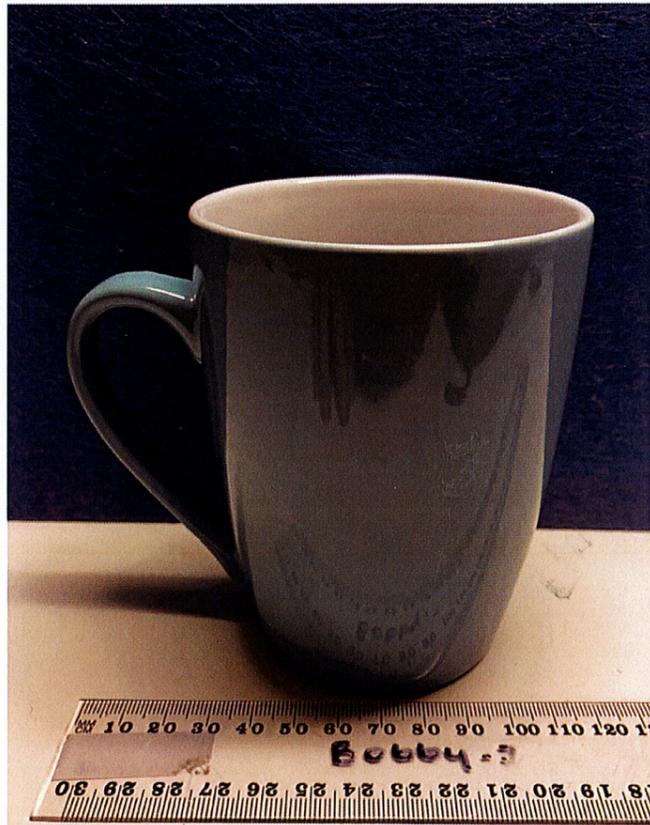
LOTUS DIAGRAM



HOUSE HOLD PRODUCTS/MEASUREMENTS

Measurements of Cups, Remotes, plants and Books are very important to my design as these are the products that my end user will store on the coffee her coffee table. In order to make a coffee table that serves the function of storage it must be able to have enough enough space for these products.

From this research I have identified that I will need a large area of surface area on the table top. I could potentially add storage underneath the table top.



SITE VISIT

My user intends to store her 'Historic Coffee Table' in her living room at her Family property 'Stony point.'

There is approximately 3000 mm² of floor space in her living room that needs to be filled. Jamima is intending to have friends to stay in September and she would like the table to be there for a place for her guests to rest their Cups and Books while they sit on the sofa.

Jamima took me on a tour of her farm and toured me around the Woolshed one of her favourite places on the farm. She also showed me some potential materials that she would like the table to be made from.

There is a significant area of space in the room being approximately 80 m³. Jamima uses the room often as a place to relax with her family and watch television.



Outside of Woolshed at Stony Point



Wool at Stony Point

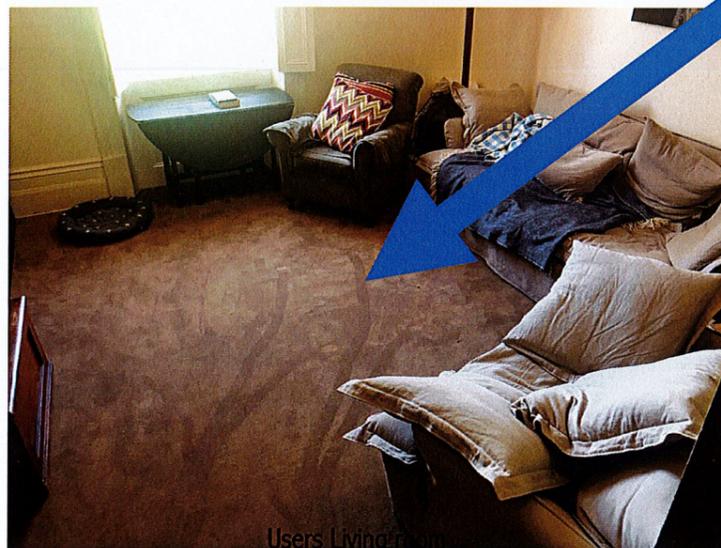


Inside Wool Shed



Existing living room

AVAILABLE SPACE FOR COFFEE TABLE



Users Living room

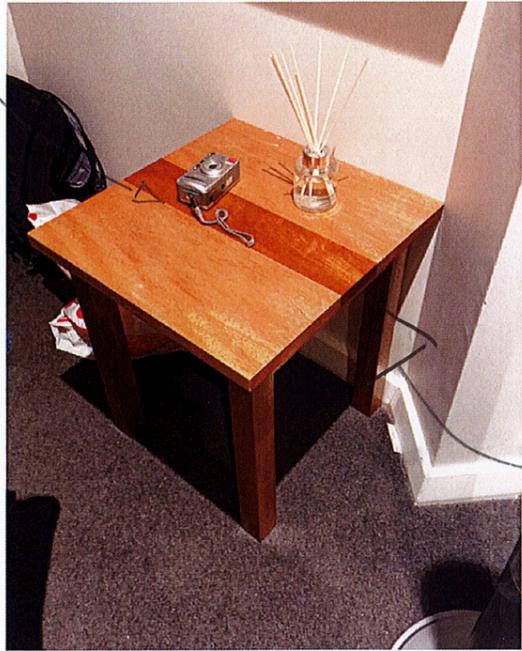
DIMENSIONS OF AVAILABLE SPACE		
LENGTH	WIDTH	HEIGHT
2000MM	2400MM	2000MM

DIMENSIONS OF USERS LIVING ROOM		
LENGTH	WIDTH	HEIGHT
4420MM	5180MM	3500MM

Primary Research

User-centred design

- The table can store products. the airfresher and the camera are visible. My user is to store books and coffee cups on her table.



Materials - Characteristics and properties.

- The table is made from two different materials. These materials work together to make a strong and durable product. My user has requested a strong and durable product.

Sustainability

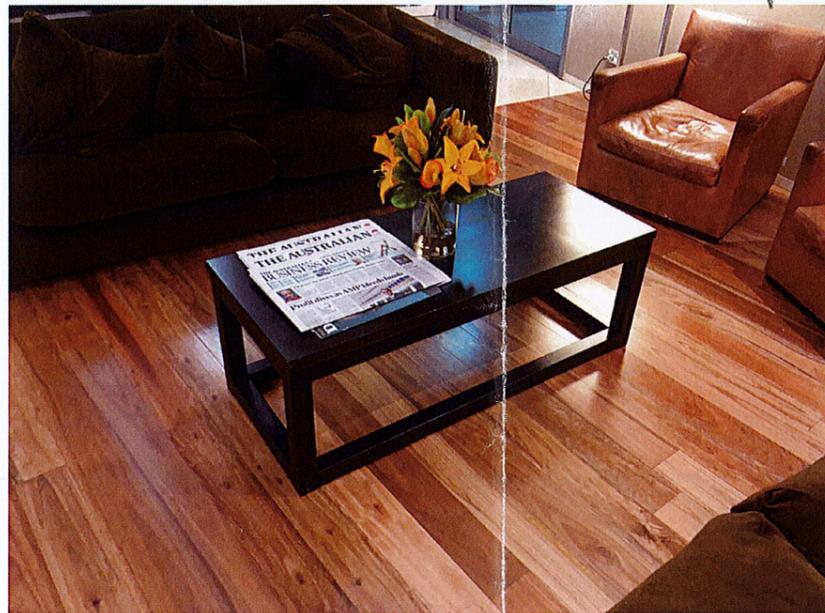
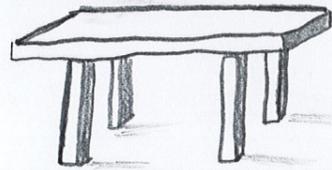
- The coffee table has been made from recycled materials. This limits the wastage.
- The use of recycled materials was requested by my user.

Visual, Tactile and Aesthetics

- The design has a symmetrical frame. My end user has requested me to make a symmetrical frame.

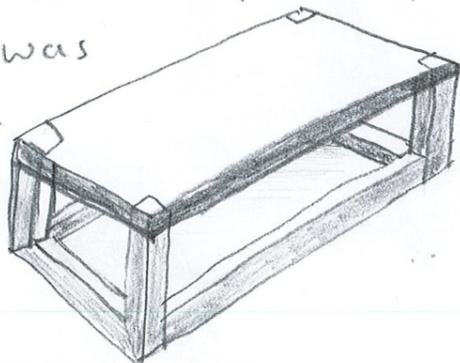


User Feedback
- A very unique table! I like how the table looks very modest.



Visual, Tactile and Aesthetics.

- The table's design has incorporated design elements including line to create the pattern.
- This makes the design symmetrical.
- A symmetrical frame for the coffee table was requested by my end-user.



Legal Responsibilities

- The table has no sharp edges. The corners have been rounded. For safety.
- A safe table has been requested by my end-user.



Visual, Tactile and Aesthetics.

- The design is lacking in dark colours. My end-user requested a table made from dark materials.

User Feedback

- The design is very simple. I don't like the colour of the table.

User Feedback
- I love the pattern and the rustic look of the table!!

Primary Research



Materials, characteristics and properties

- A hardwood has been used to increase the products durability
- This material could be used in my design options as my user requested a durable product.

Visual, Tactile and Aesthetics

- The symmetry in the design helps to create a aesthetically appealing table
- My user has requested to construct a symmetrical table frame.

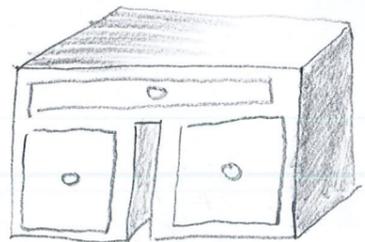


Purpose, function and context

- A second level for storage as a secondary function has been added to the design
- A secondary function can enhance the quality of the product.

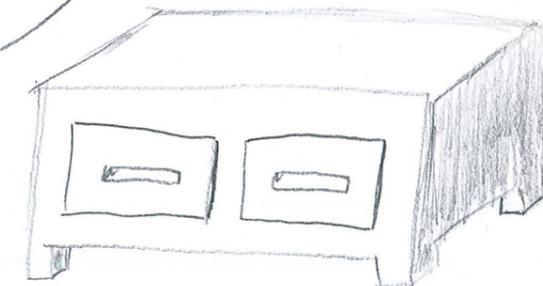
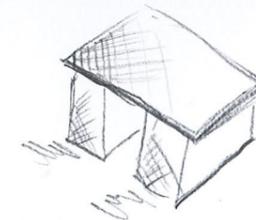
User-centred design

- shells on the door allow the draws to be easily and comfortably open.
- This could be used in my design as my user will want a comfortable table,



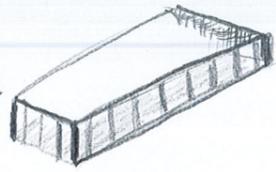
Purpose, function and context

- The table has draws so the product can store more. The draws act as a secondary function for the table.
- This could be a possibility for a design option with draws for my user to store and hide books or cups.



Secondary Research

Visual, Tactile and Aesthetics

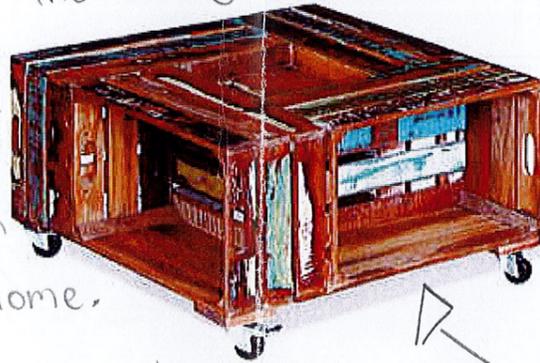


- Contrasts between light and dark colours in the material.
- This would not be a possibility for my project as my user requested a product made from dark materials.

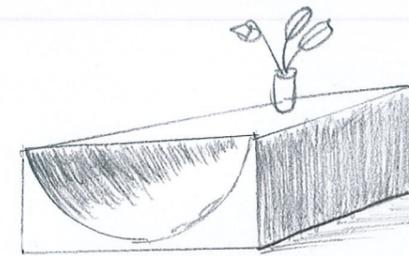


Purpose, function and context

- Wheels have been added as a secondary function. This has increased the design's portability.
- Portability was requested by my end user for when she moves home.



User Feedback
- Those wheels would make it very easy to move!



Purpose, function and context

- The Design is very appropriate for the storage of items. My user intends to store books and coffee cups on her table.



Purpose, function and context.

- The product can store cups and pots.
- Holes in the table top will reduce the reliability of the storage. Having cups or books fall through the table may be problematic for my end user.

Purpose, function and context.

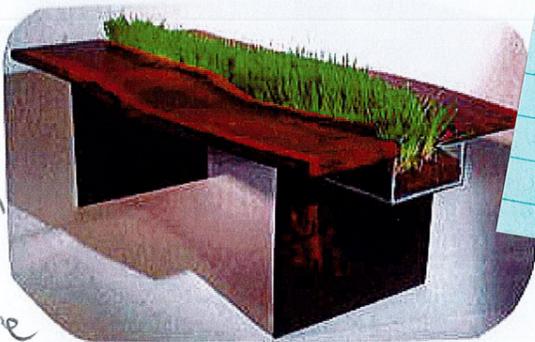
- Storage shelves have been added to the design as a secondary function.
- This could be a possibility for a design option for my end-user to store extra cups and books.

User-centred design

- The design has been made for someone with an emotional and sensory appeal to wine. Therefore they have made a coffee table from an old wine barrel. The same approach could be considered when I design a coffee table for my user to suit her interest in wool.

Visual, tactile and Aesthetics.

- The usage of curves in the design and a natural feature to create a visual appeal. My end user wants her design to be visually appealing.



User Feedback
- Wow!! I Love this!
It is so cool!
Maybe not practical
However! 😞

Materials, Characteristics and properties.

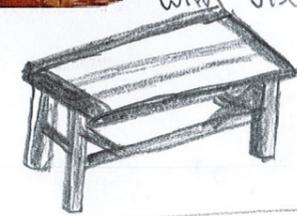
- A hardwood has been used to increase the product's durability.



This could be used in my design as my user requested a durable product.

Visual, Tactile + Aesthetics

- repetition of the slats in the table. This could be used in my design to create a table with visual appeal.



Purpose, function and

Context.

- Selective storage shelves to improve the operation of the coffee table have been added to the design.
- The operation of storage is important for my product to serve its function.

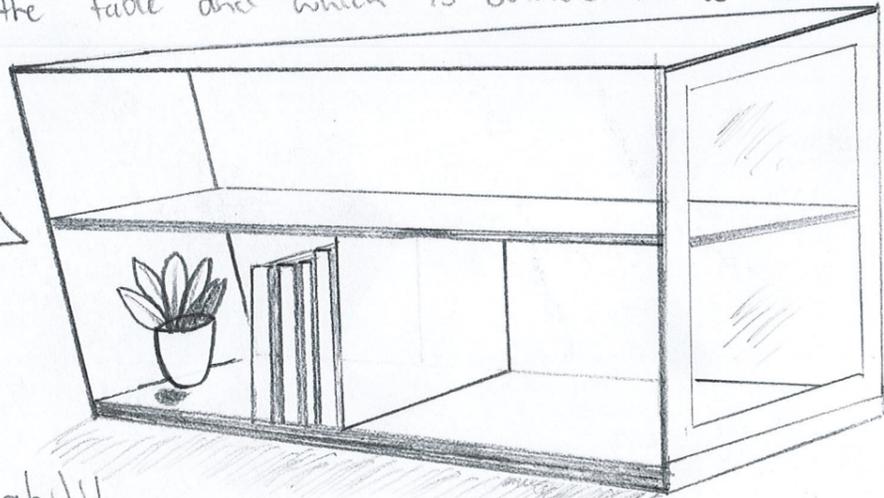


User feedback

- That wouldn't be very attractive in my living room. I don't like the jagged edges.

Visual, Tactile and Aesthetics

- Contrast in colours between the yellow and black make is very clear which area belongs inside the table and which is outside. This be used in my design to



Sustainability

- A recycled plywood has been used for the design. This would be great as my user requested a table including recycled material.

Clearly show where things can be stored.

Materials

Characteristics and

Properties.

- Glass has been used on the top of the coffee table.
- The translucent material allows you to see what is on the other side of the material.
- The use of glass as a material should be considered in my design options to my end user.

User-Centred design.

- Comfort has been added to this coffee table through the cushion on the top.
- My end user hasn't request for her coffee table to be comfortable but it is a potential follow up question.



Purpose, function and context.

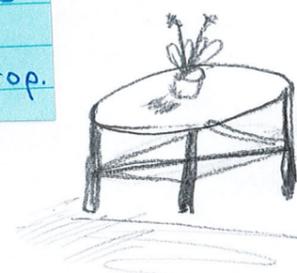
- A second level for storage as a secondary function has been added to the design.
- A secondary function of extra storage has enhanced the quality of the product



User feedback

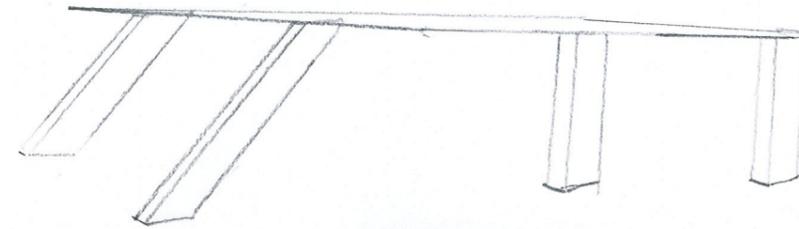
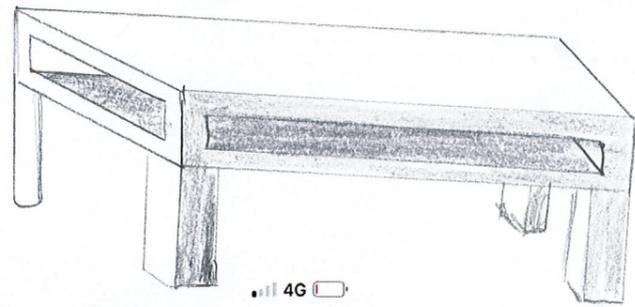
- I really like the secondary level of the coffee table. A great idea for extra storage!

User feedback
- Omg! that looks so comfortable. but i wouldn't be able to rest my coffee mug on top.



Visual, Tactile and Aesthetics

The table has a natural shape. The table is curved in both length and width. There is also contrast between the opaque wood and translucency of the glass. My end user would like a table that has a straight top so a curved top would not be useful.



Sustainability

The design has used a recycled material of a tree trunk. There has been very little inputs put into making the timber required reducing its environmental impact. My user has requested a table made from sustainable recycled materials.

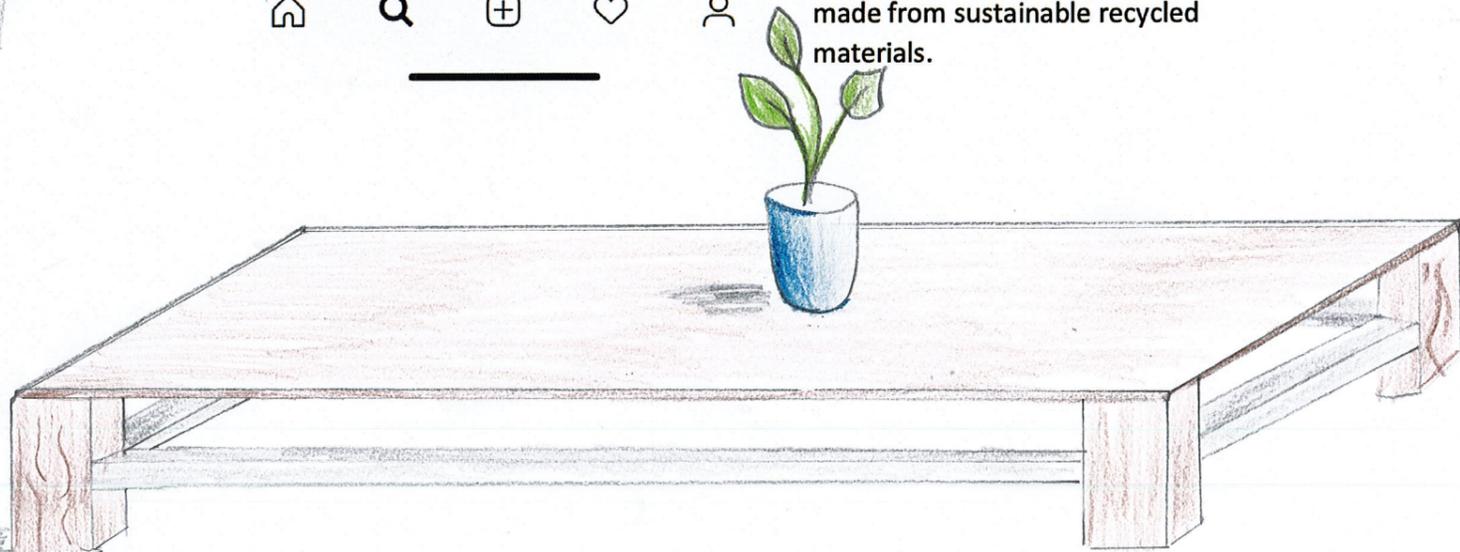
Economics, time and cost.

The design uses a very minimal amount of material. This would allow the producers of the table to keep the costs low. My user has requested a table in the price range of \$500. When designing using less material may be effective in keeping costs low.

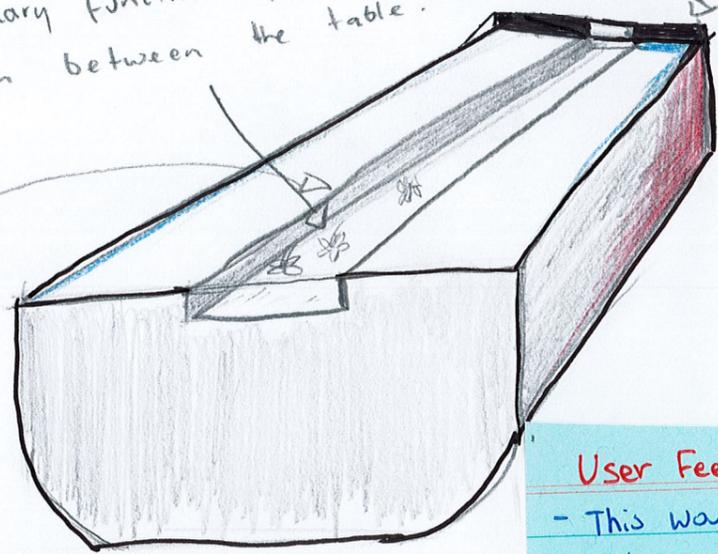


Visual, tactile and aesthetics.

The use of the design principals such as balance and symmetry have been incorporated into the design. My user has requested a coffee table that is symmetrical.



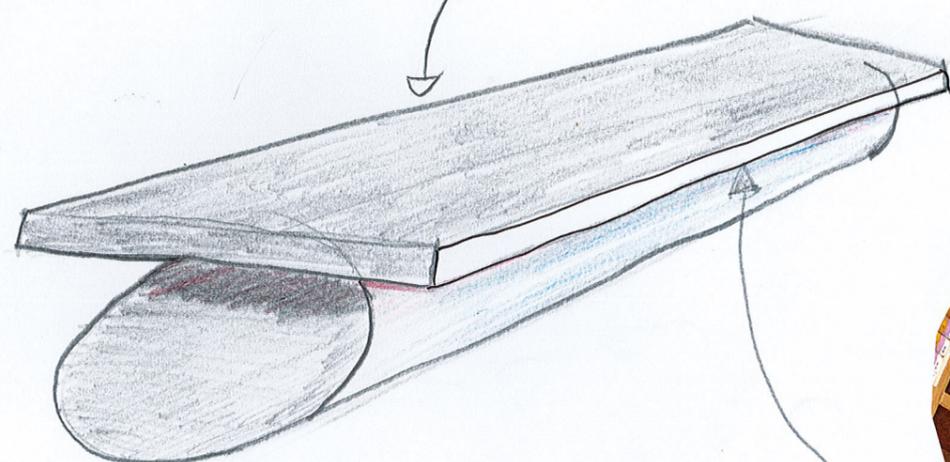
Purpose, function and context
 A Secondary function of a Hydroponic garden in between the table.



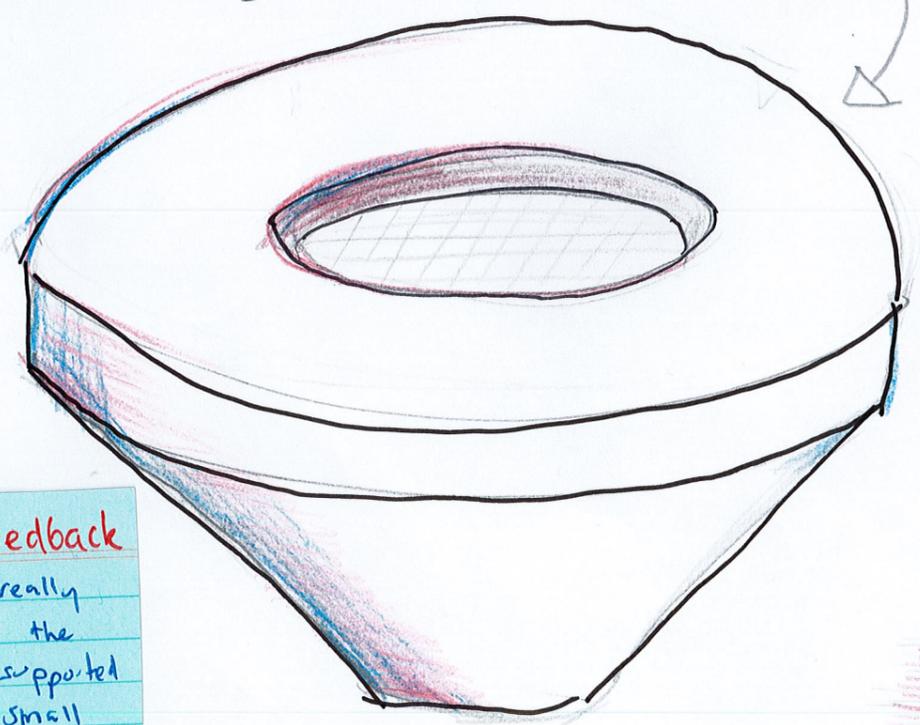
edge so books dont fall off.

User Feedback
 - This would be such a great feature for a table but it would require alot of maintance.

User-centred design
 flat top which is easy to clean

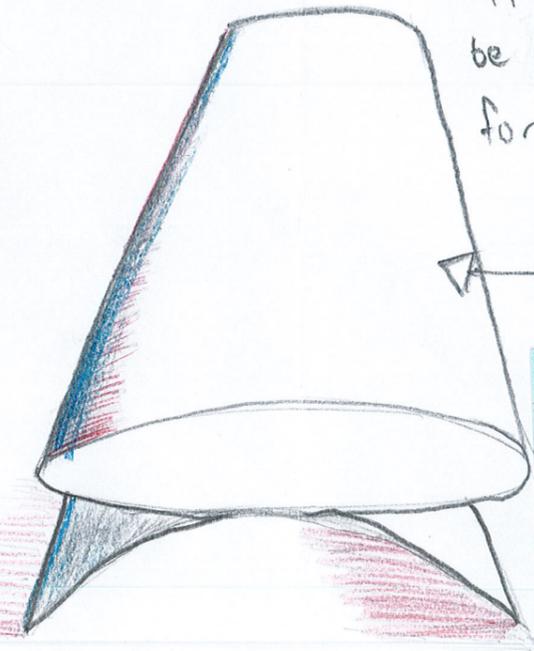


User-centred design
 Design is accessible from all around.
 Ergonomics of the table have been considered.



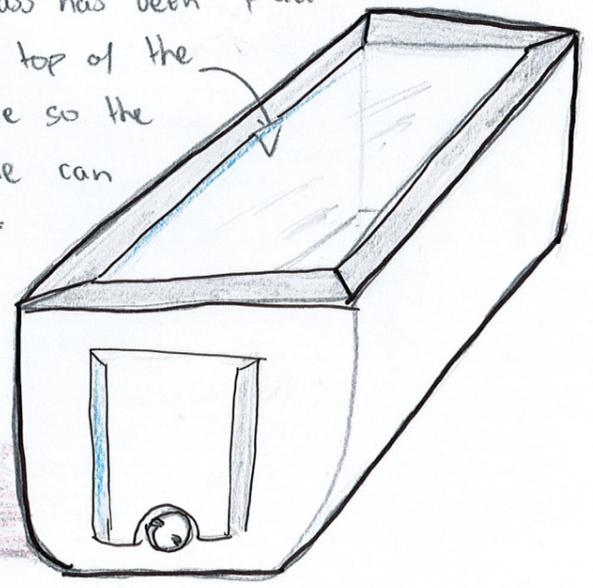
User Feedback
 - This is really cool how the table is supported by the small base.

User-centred design
 coffee table could also be used as a seat for comfort.



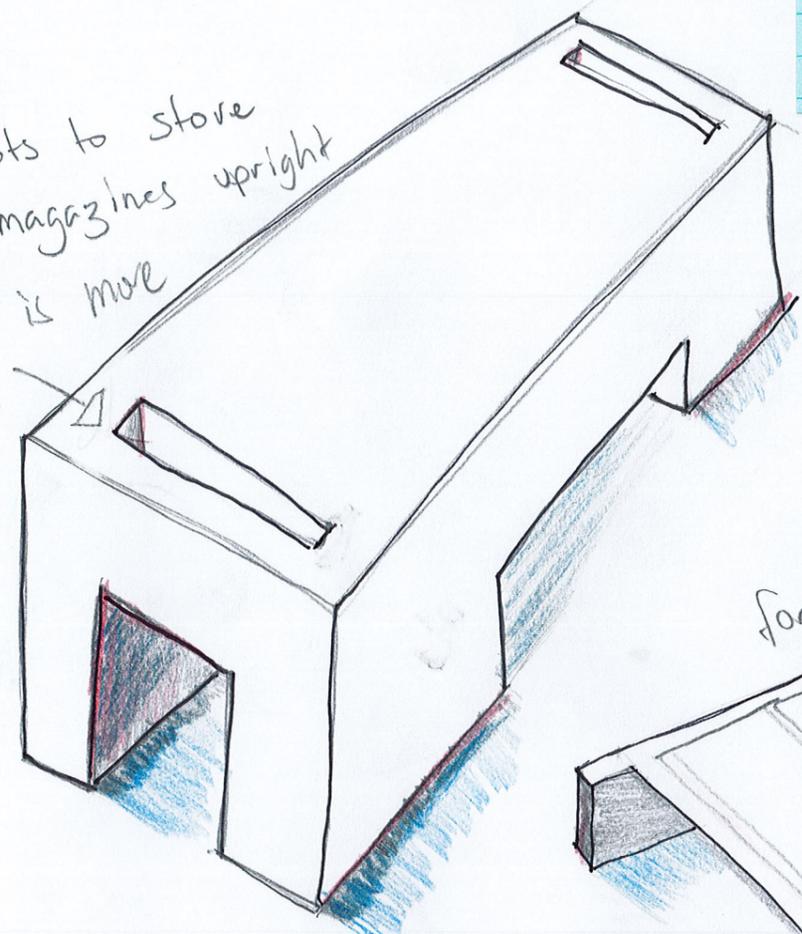
User Feedback
 - That looks so cool! I really like how it is curved.

Materials - characteristics and Properties.
 Glass has been placed on top of the table so the inside can be seen.

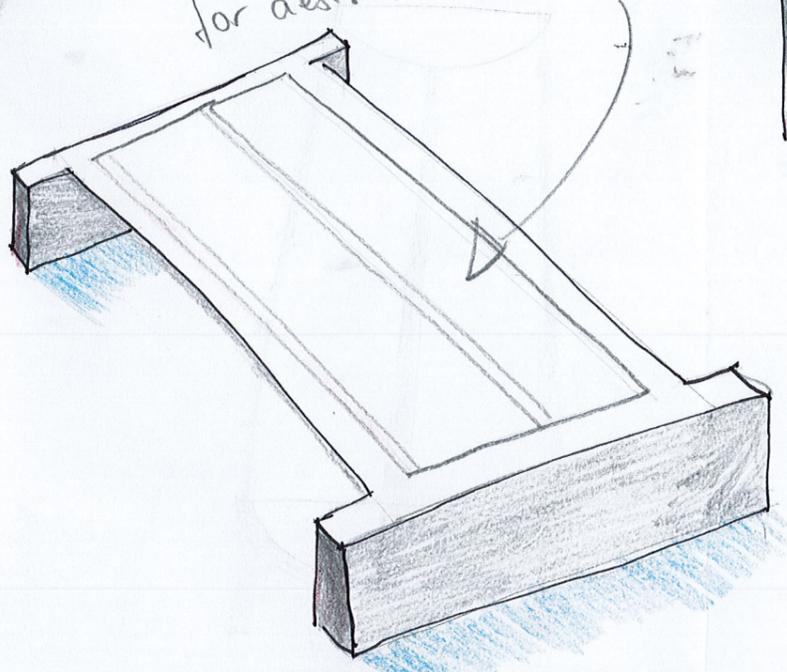


User Feedback
 - That is a very handy idea. It may get very dirty in the slots however.

Slots to store books/magazines upright
 So their is more space on Table



Contrasting material for aesthetics on table.



lots of space on top

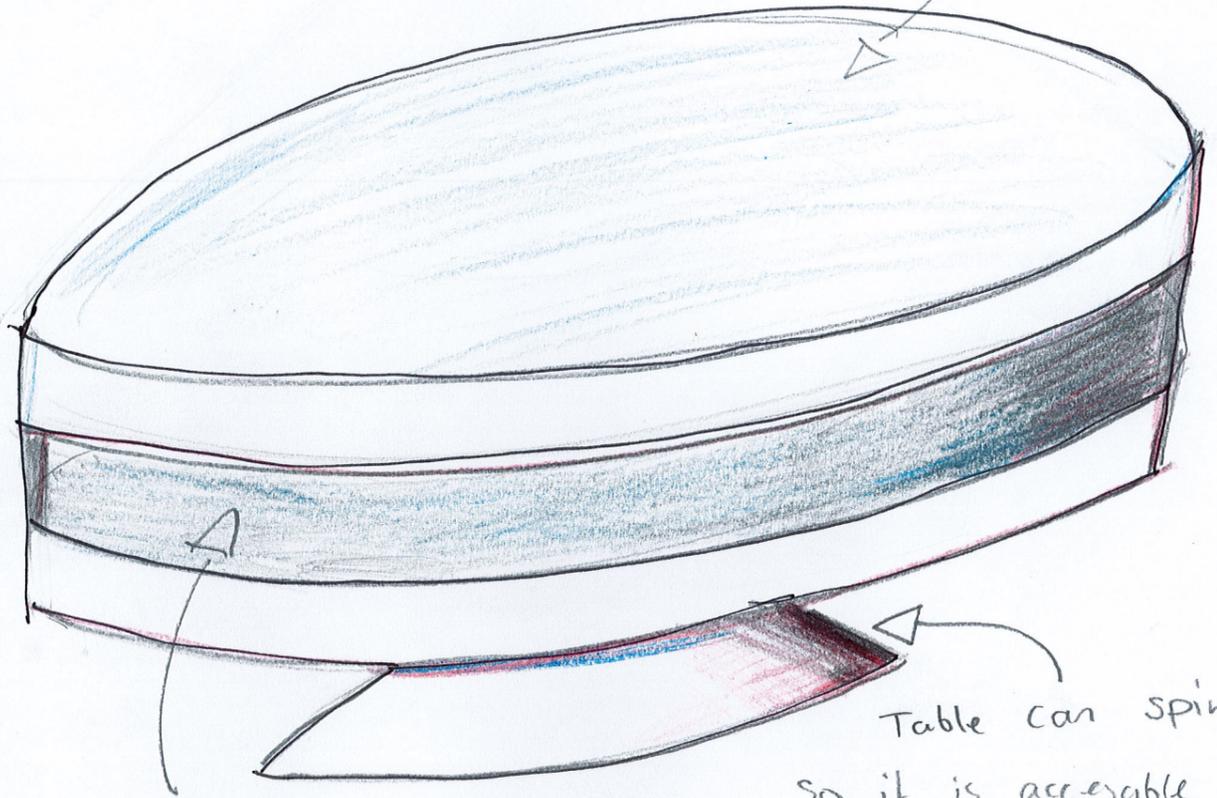
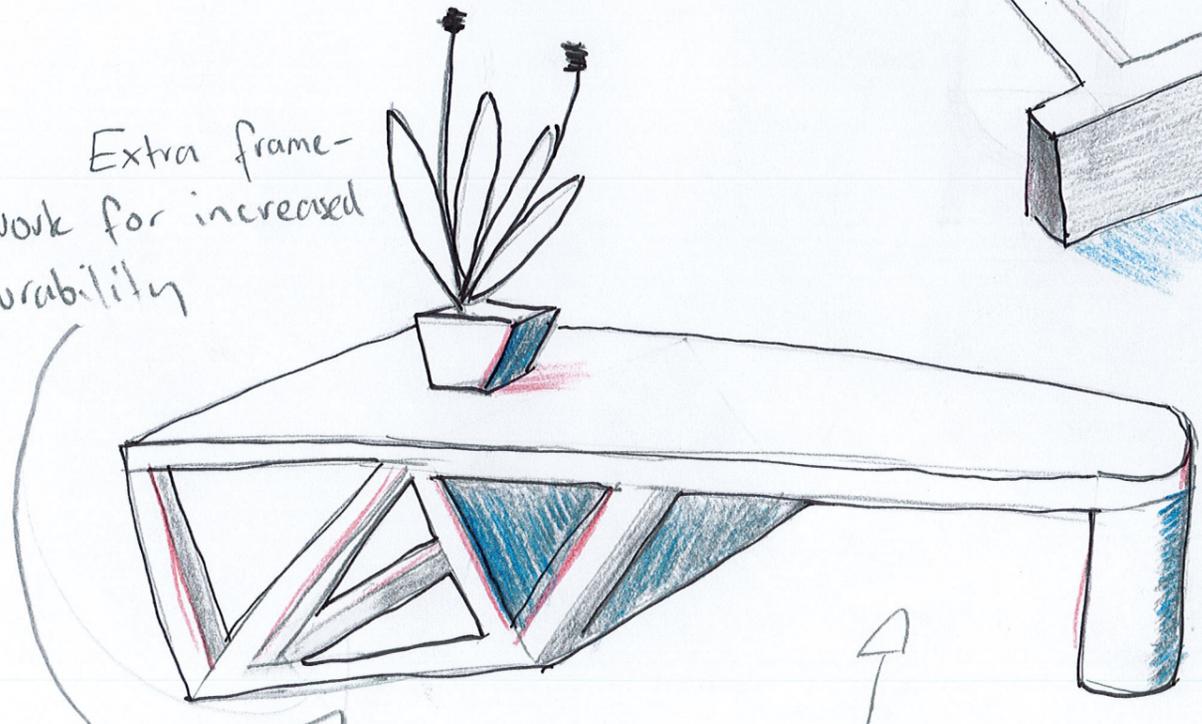


Table can spin so it is accessible from all areas.

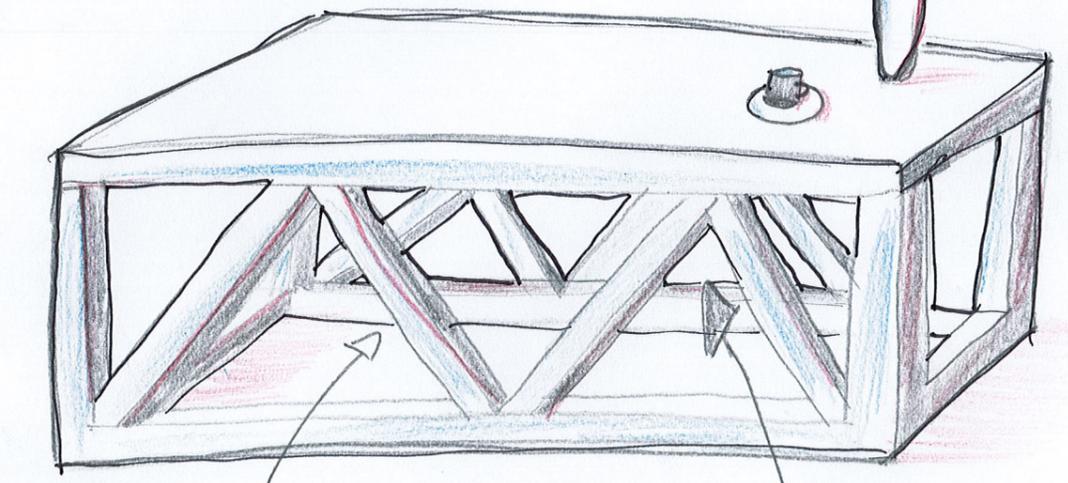
Area for storage underneath all areas.

Extra frame-work for increased durability



Space to store feet

User Feedback
 - I like the Aesthetics of the base because of the pattern.



Support beams for durability

Beams also act as pattern and symmetry in the design

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Unkown. (2018, January 2). Retrieved April 6, 2019, from Pinterest : <https://www.pinterest.com.au/CoffeeClubA/cool-coffee-tables/>