

SHAPES INSPIRED BY WOOD.

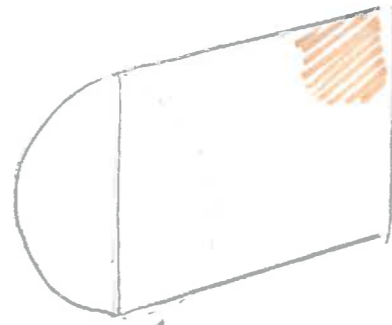
round log



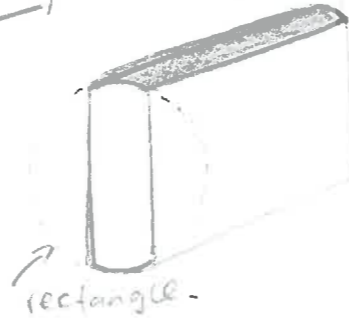
quarter log.



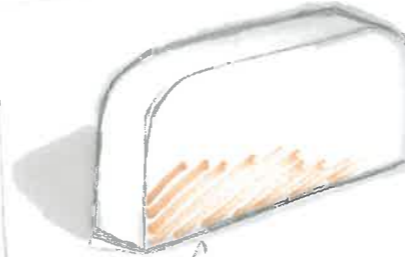
half log



half log and flat cut out.



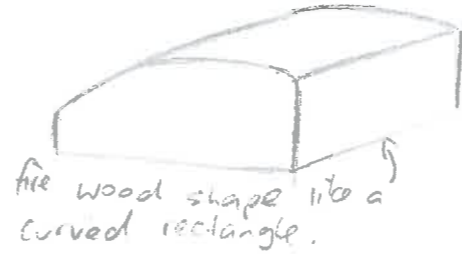
rounded top corners



FIREWOOD INSPIRATION

rectangle.

v split branch.

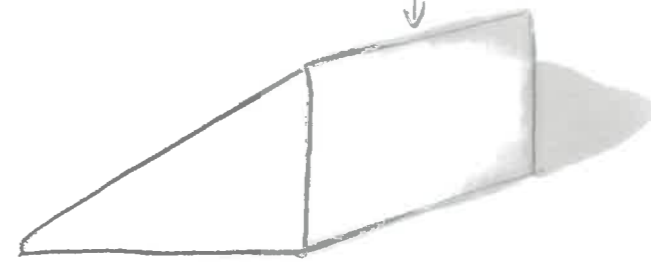


fire wood shape into a curved rectangle.

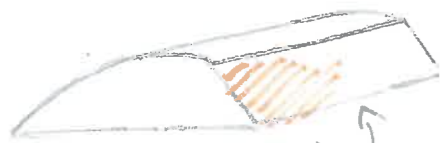
uneven shaped edges.



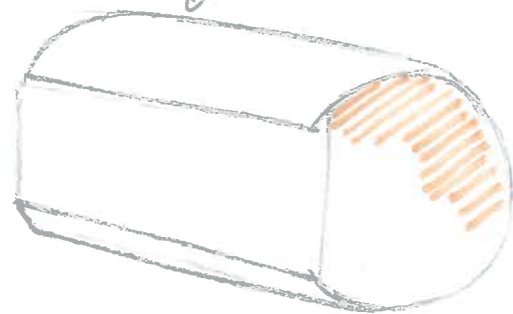
wedge shape.



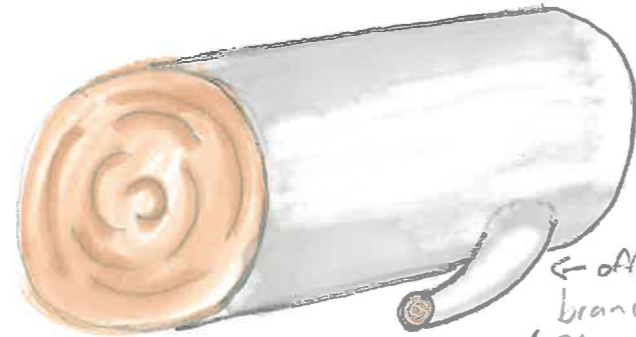
smooth cut semi circle.

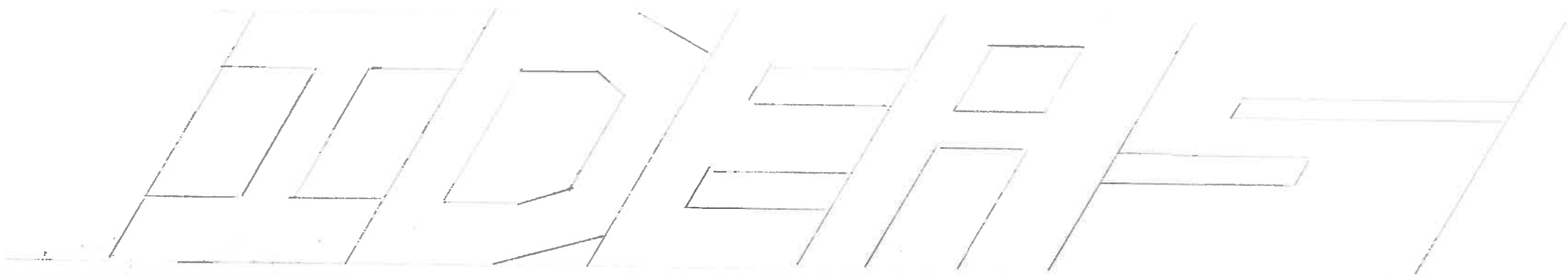


flat side log.



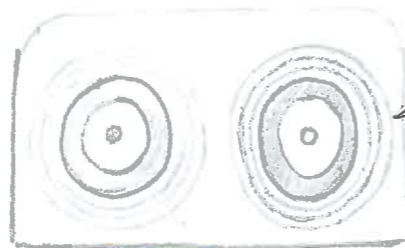
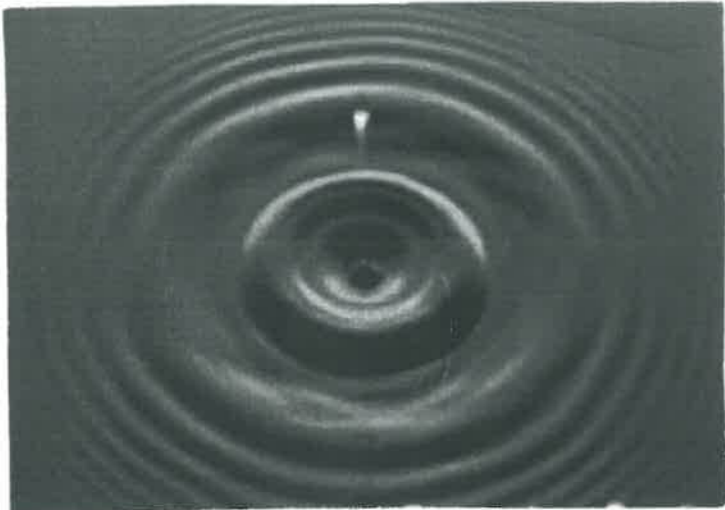
off cut branch / stand.





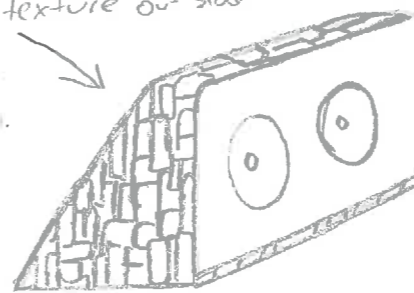
Texture / Surface

WATER RIPPLES



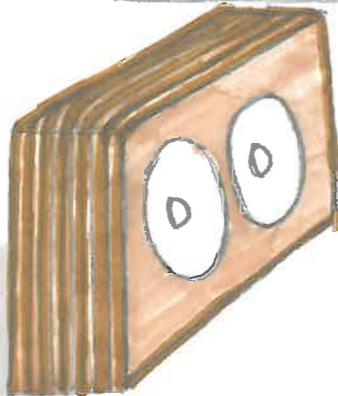
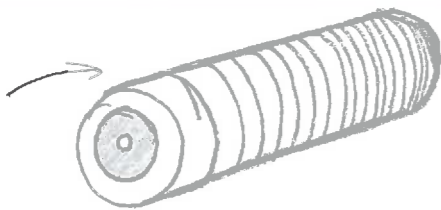
Ripples around speaker

bark texture out side of the speaker body.



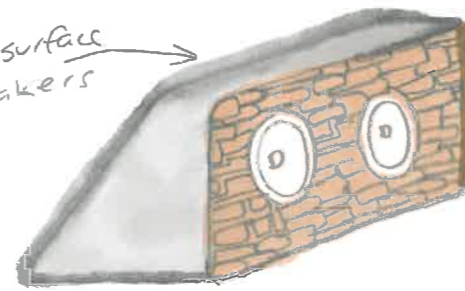
TREE BARK

Rippled entire speaker.

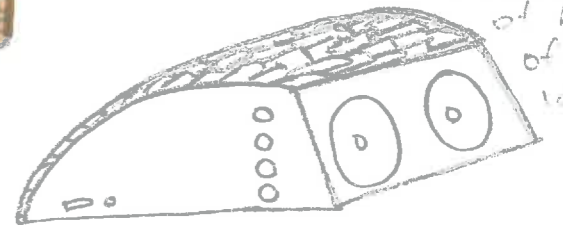


Ripples around outside edge of speaker

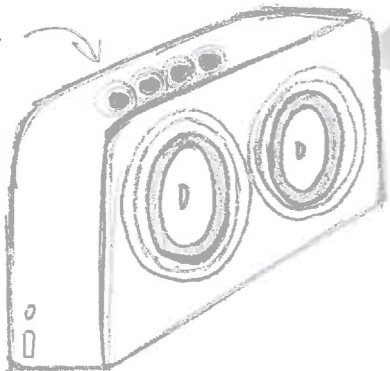
Bark surface of speakers



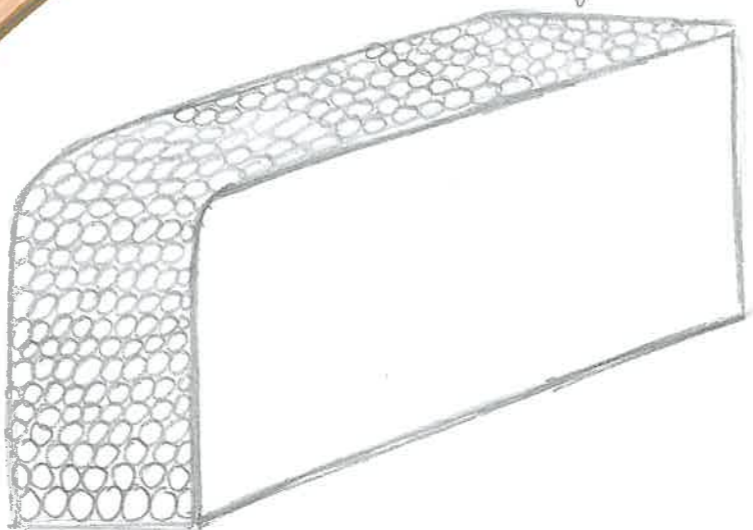
real placement of bark of cut out log.



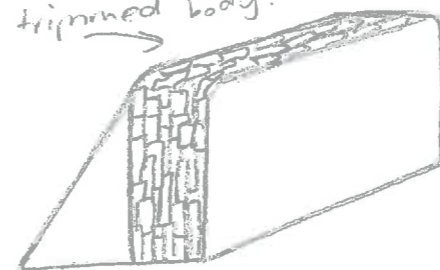
Ripples around buttons.



bark changed to the circle ripple shape.

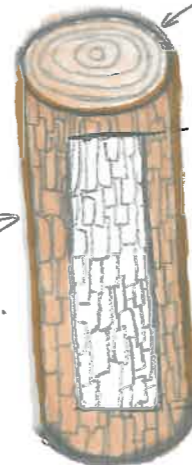


Bark trimmed body.



water drop ripple / log rings

BARK.



Grain of wood

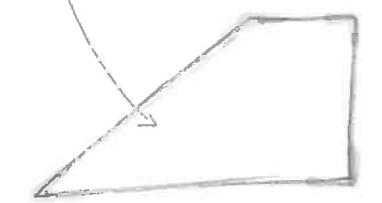
wood cut on with speakers on the log.



rectangle speaker  
easy to be flipped over



I like the long end extended for good stability and looks like a piece of fire wood (wedge shape)

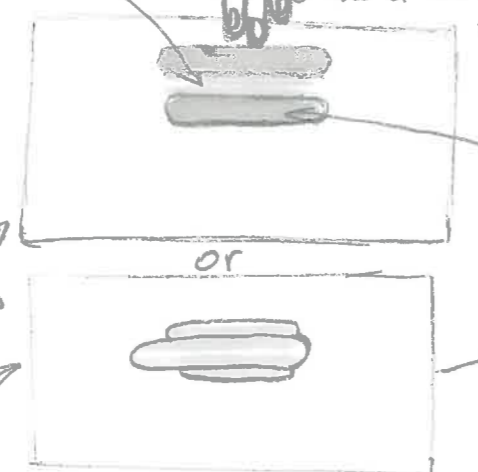


corners of products are to be curved and smooth (so they are safe)



A handle on the back for a easy grip to move the speaker around.

I like the handle attached at both ends because it will be stronger and allow a strong grip.



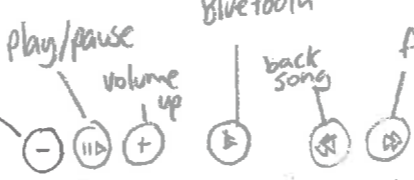
handle could be attached at one end to be inferring to a off cut branch on a piece of firewood

Screw or Glue

This speaker will be made using screws because modern speakers are made from these because it will hold everything in place and are very strong. (But this will only be used for the wooden face to hold onto the plastic frame at the back.)

The outside could be coated in rubber or The outside will be made from plastic because it's strong and light. It will also have a wood grain look, or be a simple black colour.

Bluetooth  
play/pause  
Volume down  
Volume up  
back song  
forward song.  
Buttons  
The buttons will be plastic and large.

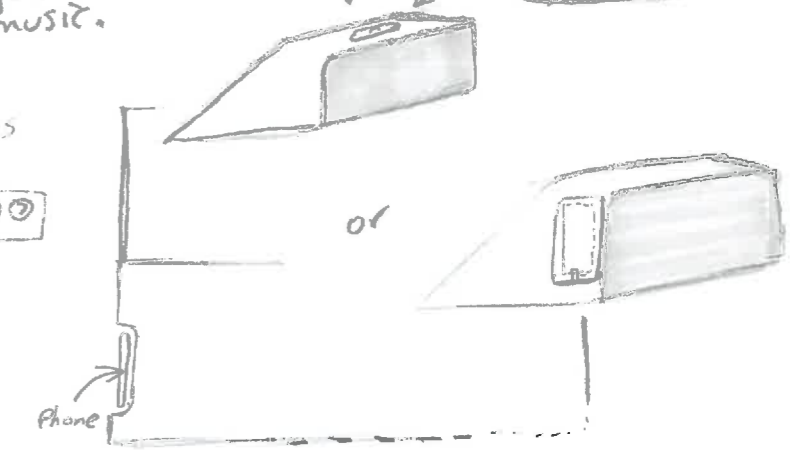
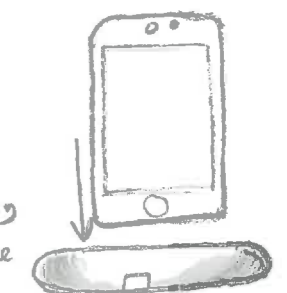


Bluetooth can be used on this speaker like the Aux core another way for a gadget to play music.

I like the buttons being in groups of three



The dock on top is a little bit to flimsy to hold it in place



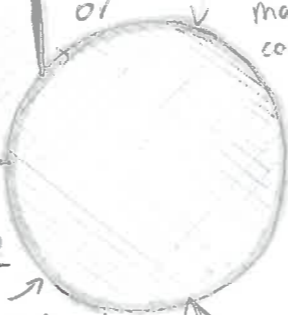
iPhone dock that is strong and able to hold the iPhone while moving around

I like the dock on the side in the pocket because it protects the device more than if it was on top.

A square material cover would fit the frame good but will make the speaker look very square

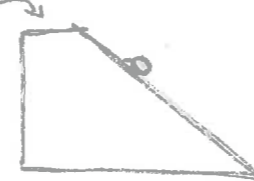


I like the square material cover to protect the small speakers because it makes the product aesthetically pleasing



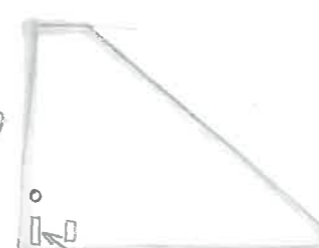
The circle cover will look out of place on the frame and wont make the product aesthetically pleasing

Air holes for the Air from bass to escape.

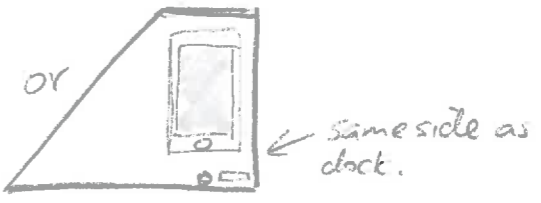
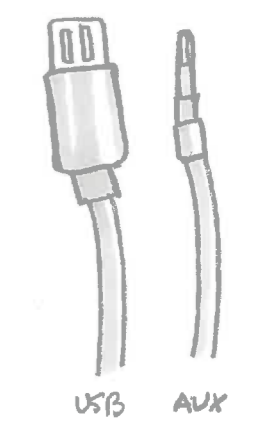


material could instead be aluminum wiring for casing. or the same stain and water proof material

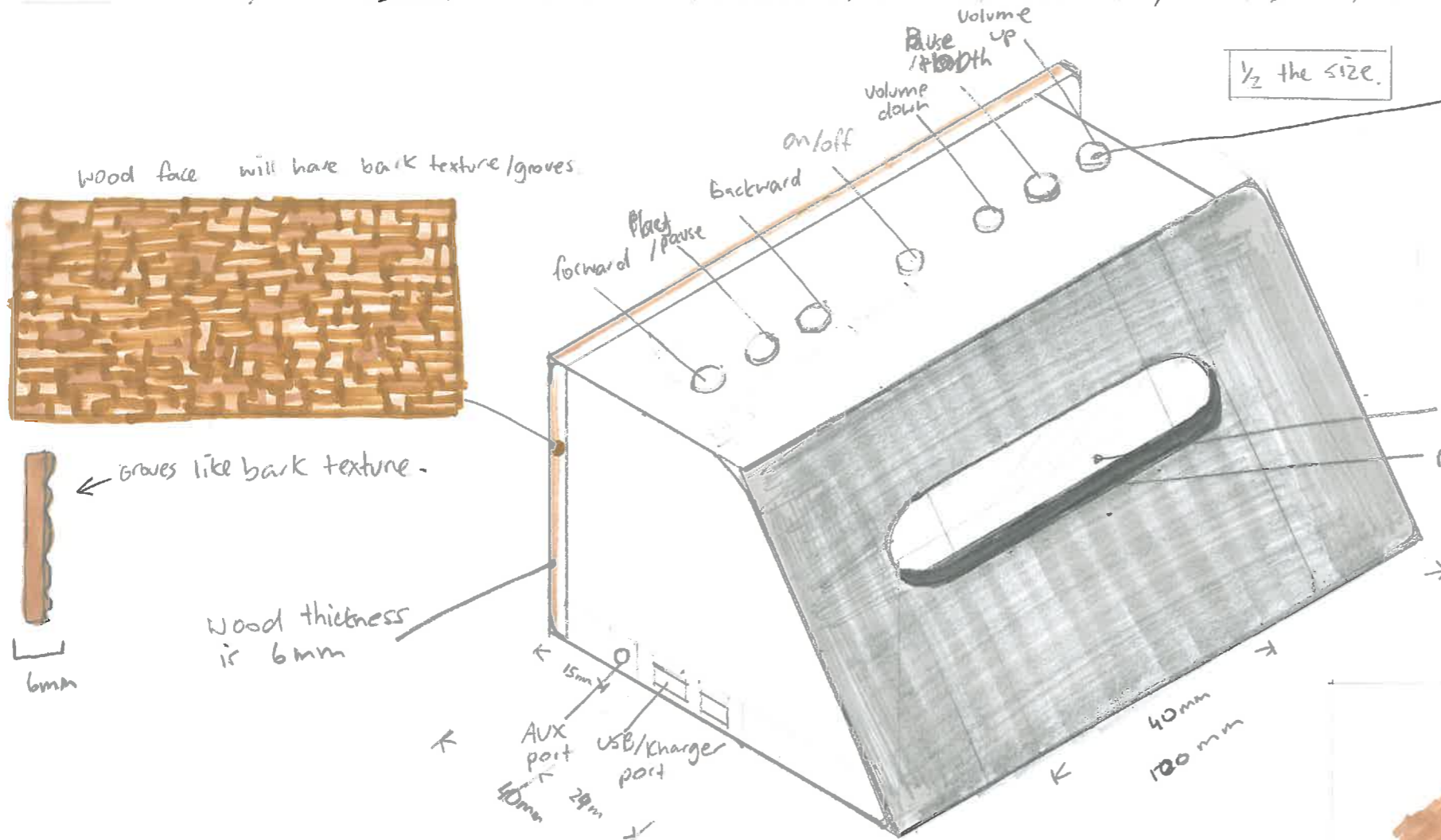
Speaker The two speakers will be hard so they cant get damaged easily and need to amplify music loud. The speaker are very small for the frame.



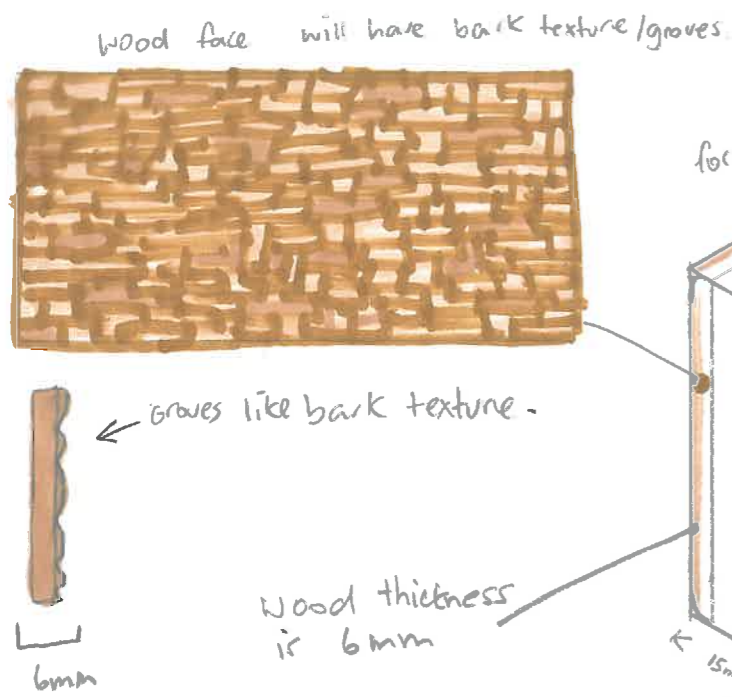
USB and AUX inputs USB charger with easy access



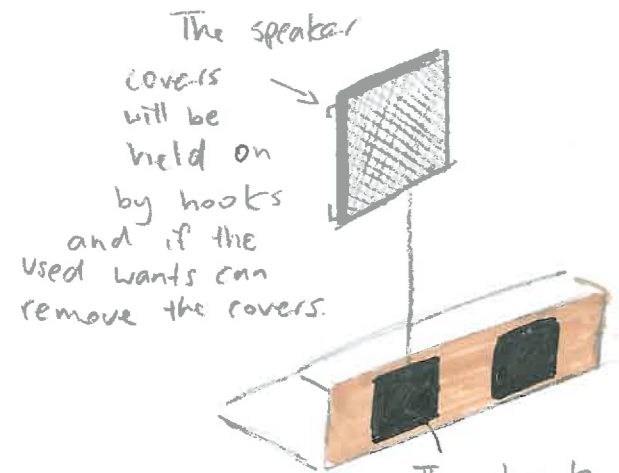
I like the UE material.



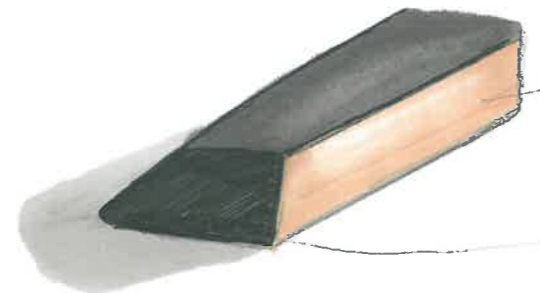
Button sizes are 5mm wide and 1mm high (10mm wide and 2mm high on real model).



hand slot.  
plastic is 2.5 mm thick (2.5 x 2 for real model size)



The back speaker covers will suit the back plastic / rubber back face of the speaker.

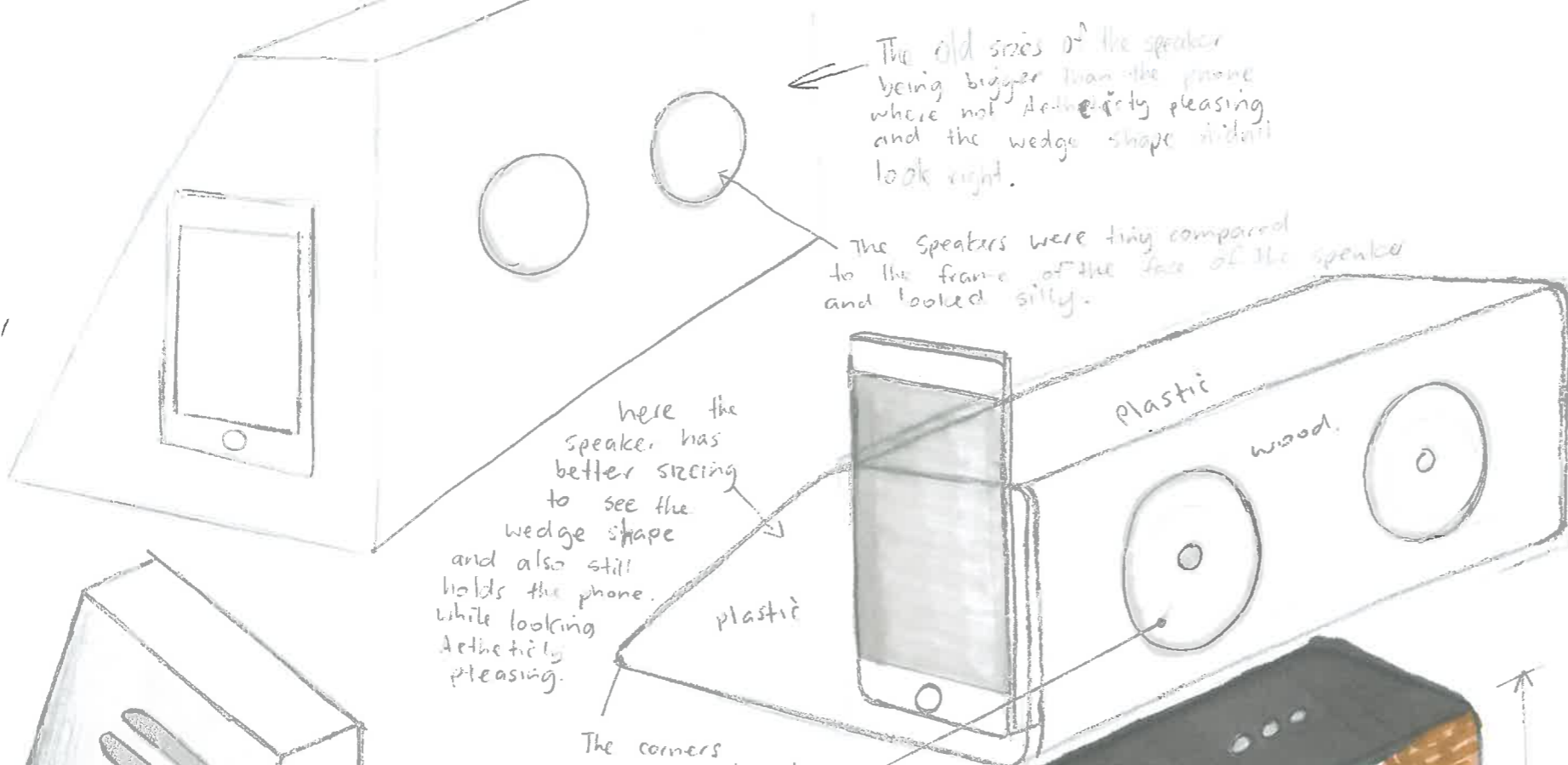
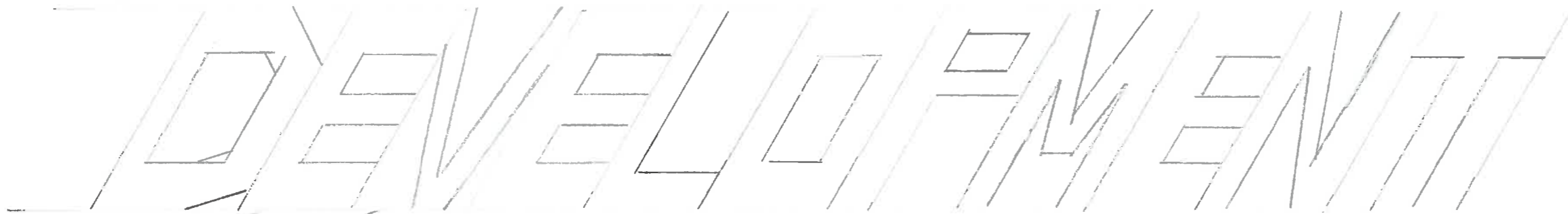


### COLOURS

| WOOD        |      |     |            | Plastic / Rubber |             |           |       |             |
|-------------|------|-----|------------|------------------|-------------|-----------|-------|-------------|
|             |      |     |            |                  |             |           |       |             |
| light brown | Grey | red | dark brown | light grey       | medium grey | dark grey | black | matte black |

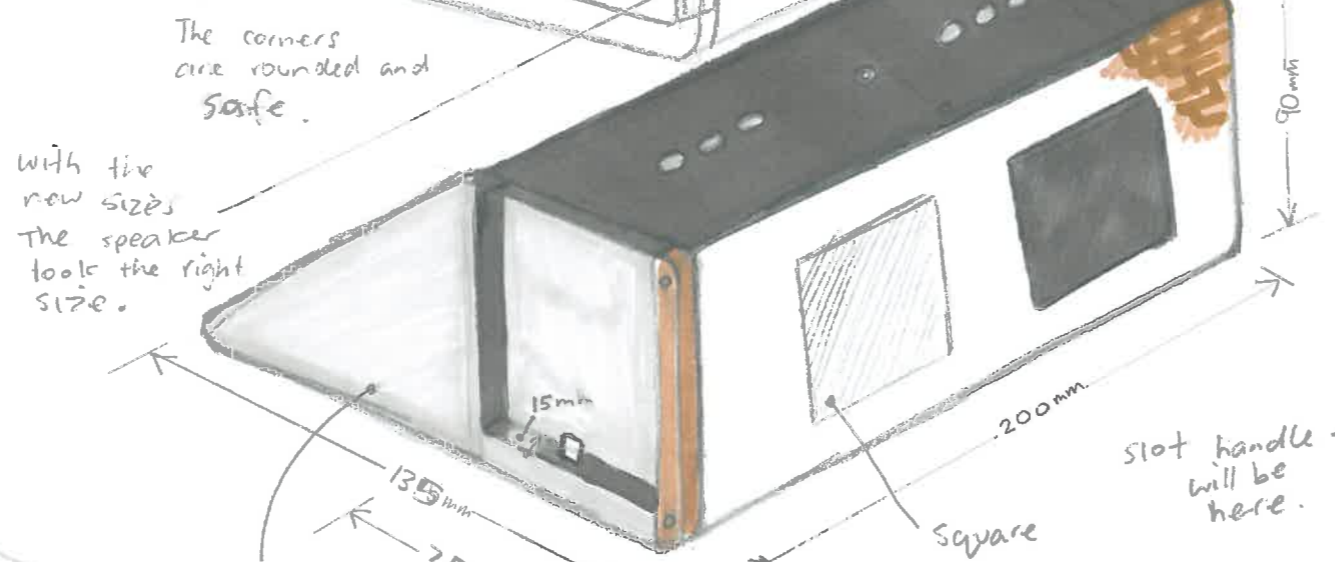
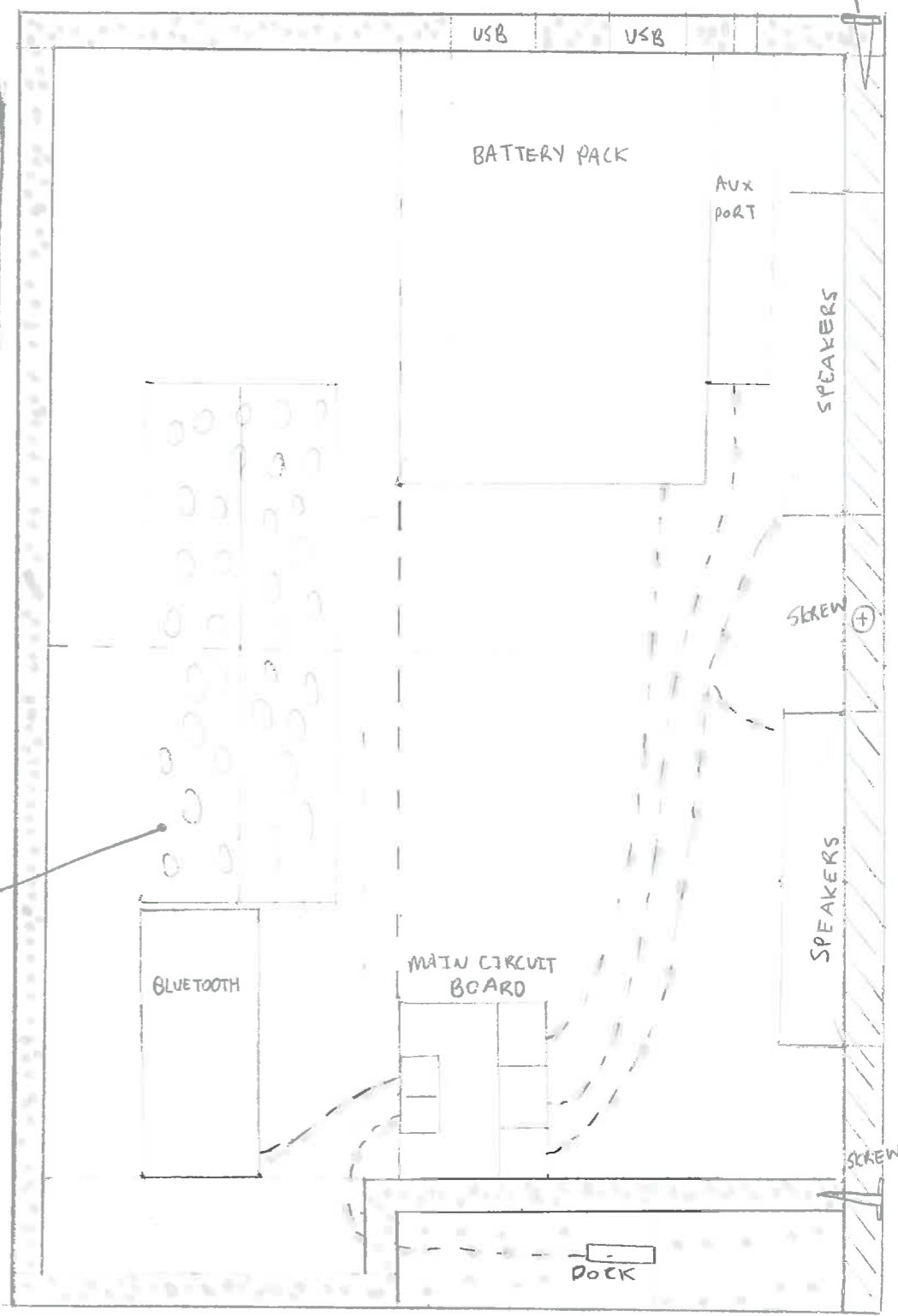
I like the light brown wood to be matched with the matte black plastic / rubber colour, because the light brown stands out with a dark dull colour like the matte black.





INSIDE

PLASTIC  
  WOOD  
  cut out slot handle.  
 SKREW



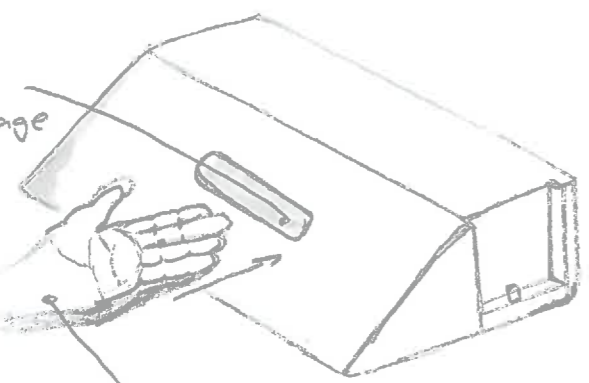
The plastic speaker parts will be coated in matte black (like dark bark), rubber for protection and nice aesthetic look. (texture)

Square covers. (The material is the same as VE Booms) which is nylon braided

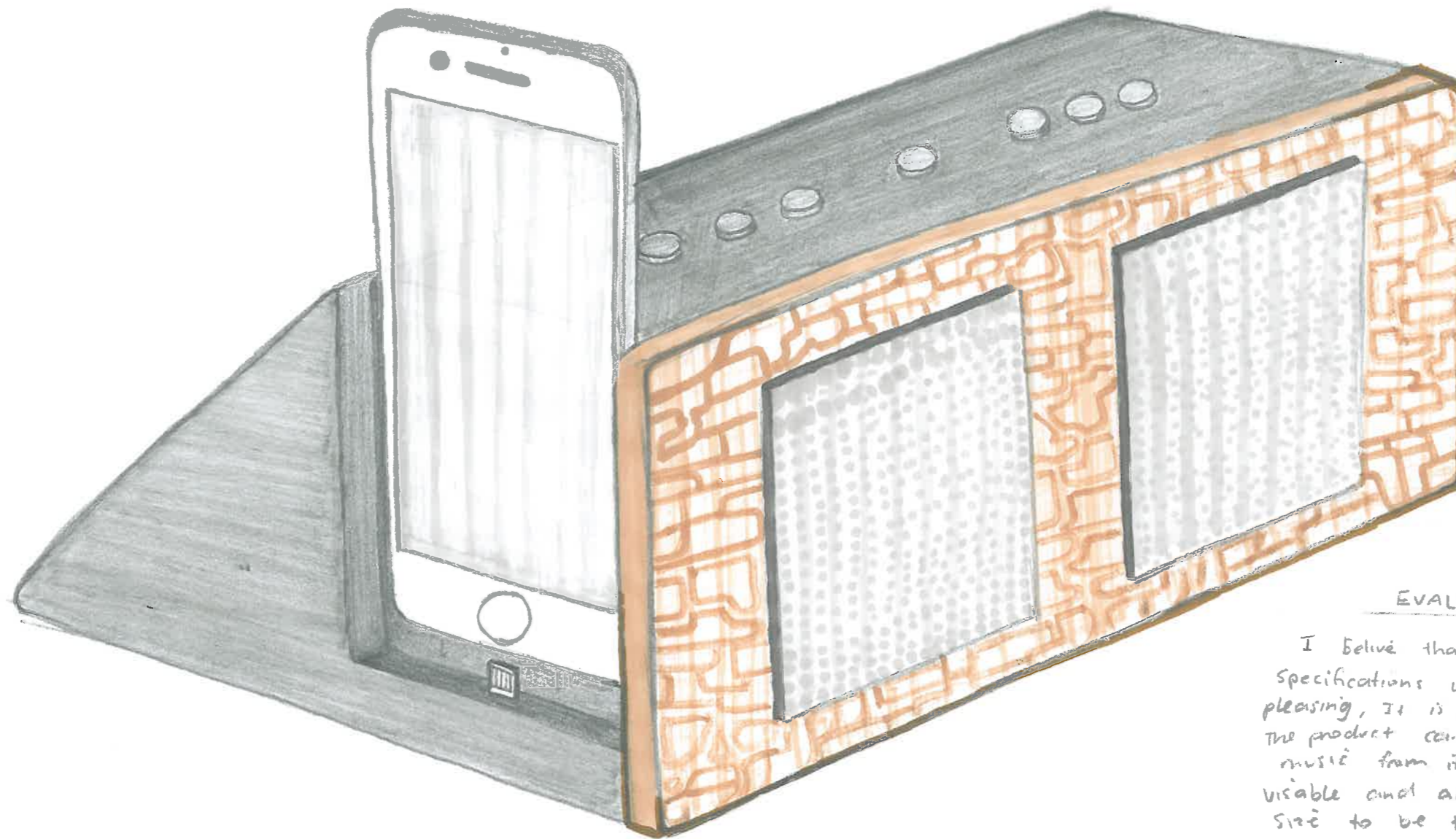
The square will need to cover a 50mm wide speaker. I think 15...

Because the new sized product is smaller the handle cannot fit on the slope.

INSTEAD a cut out slot to fit the width of the average hand size to be scooped up to carry.



The hand won't be able to touch wires inside cause they will be out of reach and the fingers will be pressed on the top of the speaker inside to be lifted.



#### EVALUATION

I believe that my product has met the specifications with my product looking aesthetically pleasing, it is portable, it is powered by USB battery. The product can hold a device securely and play music from it. The USB and AUX cord ports are visible and accessible, the speaker is a reasonable size to be transported around.

And the product is safe with smooth wood front and shaved corners and edges.

Throughout concepts and development the product has been explored with evidence and keeping in the theme of a natural look.

The wooden face shows this feature and also having the firewood wedge shape.

My design has been made the shape of a wedge for stability and made to withstand being moved around a lot. (Durability).

## Speaker

AS 91337 (2.30): Use visual communication techniques to generate design ideas (3 credits).

| Achievement  | Achievement with Merit  | Achievement with Excellence  | Overall level of attainment for 91337 |
|--|---|--|---------------------------------------|
| Use visual communication techniques to generate design ideas.  | Use visual communication techniques <b>skilfully</b> to generate design ideas.  | Use visual communication techniques <b>effectively</b> to generate design ideas.   |                                       |
| <ul style="list-style-type: none"> <li><b>Visual communication techniques</b> are used to generate ideas to show design qualities.</li> </ul> <hr/> <ul style="list-style-type: none"> <li>Design ideas are produced that <b>explore</b> simple alternatives.</li> </ul> <hr/> | <ul style="list-style-type: none"> <li>Visual communication techniques are used <b>skilfully</b> to generate ideas to show design qualities with <b>clarity</b> through well-articulated visual means.</li> <li><b>Divergent</b> design ideas are produced that explore challenging, creative or unusual alternatives.</li> </ul> | <ul style="list-style-type: none"> <li>Visual communication techniques are used <b>effectively</b> to generate ideas to show design qualities with clarity and refined detailing.</li> <li>Divergent design ideas are produced that are explored and <b>extended</b>.</li> </ul> |                                       |

Commentary:

Vis Com – A  
Des Ideas – A

A range of simple alternatives are produced that copy forms seen in the inspiration images on the pages.

Visual Communication is sufficient in terms of showing multiple views, using 2D elevations and 3D sketching to show colour and aesthetics. The functional aspects of the design are shown diagrammatically using hands and the electronic device to show operation and in latter drawings these items are incorporated into the 3D drawings but they are not shown in the detail required for the higher grades.

Enough evidence for an Achieved.