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Colour

AFTER MY RESEARCH, I DECIDED TO GO WITH THE COLOURS 'PINK' AND 'WHITE' I THINK THAT TWO COLOURS WORK WELL TO CHETHER, THIS MEANS IT LOOK AETHETICALLY APPEALING, IT WILL ENGAGE WERK AND IT LOOKS PLAYFUL-PINK AND WHITE WORK WELL TOGETHER AS IT STILL INCORPORATES



Moterial

MY FINAL DESIGN WILL BE MADE OUT OF THEAT RESISTANT NYLON'. AFTER RESEARCHING VARIOUS MATERIALS THIS WAS BETTER THAN THE RESTIT IS BETTER THAN STAINLESS STEEL BECAUSE NYLON IS LIGHT IN WEIGHT WHEREAS METAL IS HEAVY, IT IS FAIRY DURABLE COMPARED TO 'SILICON' NYLON IS ALSO EASY MAINTE NAME THEREFORE IT IS EASY TO CLEAN THE MATERIAL. ALTHOUGH THE MATERIALS ARE MADE FROM CHEMICALS, THE BENEFIT OUTWELOH THE NEGA-



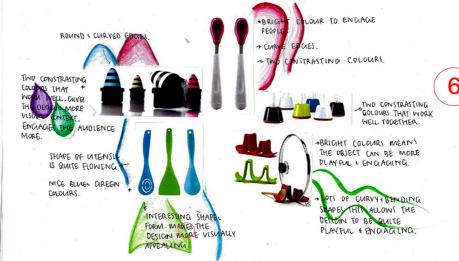
HUMAN Factors

AFTER TESTING DIFFERENT MEASUREMENTS TO AT THE TESTING DETTERED IN THE PROMETER TO THE PROMETER MEASUREMENTS, THEFE MEASUREMENTS THE EMERGING - NTI ARE: LENGTH: 16MM MAX DIAMETER: 36MM THESE MEASUREMENTS ENSURE IT FITS THE POPULATION DUE TO VARIATION OF RODY SIZES SHAPES & DIFFERENT RACE BACKGROUNDS, THE 'AVERACLE' MEASUREMENTS IS NEEDED. I ALSO USED DATA FROM THE 5th PERCENTILE AS I NEEDED TO CONSIDER THE SMALLEST POPULATION TO ENSURE THEY CAN LIFE MY WHISK I THENK THAT HUMAN FACTOR, ARE MORE IMPORTANT TO USE BY WHISK I THENK CONSIDER BECALUE BY MAIN PURPOSE OF THE WHISK IS OF BE PUNCTIONABLE AND LIFE PRIEMDLY.

IT WON'T MATTER TOO MUCH ABOUT THE WAY IT LOOKS GECALISE SOME EVERYDAY UT-ENSILS AREN'T VISUALLY APPEALING BUT FITEY ARE
FIT FOR PURPOSE COMFORTABILITY I SIZING IS ALSO IMPORT-ANT BECAUSE IN ORDER FOR SOMEONE TO BE ABLE TO USE A UTENSIL / IT MUST BE THE RIGHT SIZE AND IT MUST NOT BE DANGEROUS SO IMPORTANT MATERIALS. SHAPES NEED TO BE TAKEN INTO ACCOUNT

Ochoboli base palibrognooni bas tylilidabhohmo movement "Blobivm"

features of Blobism.



materials:

SILICONFPLASTIC:

THU WHILL U MADE FROM SILICON. THE PROY ABOUT THU MATERIAL ARE: LIGHT WEIGHT, IN-EXPENSIVE, DOES NOT CONDUCT ELECTRICITY. THE CONT ARE: NOT DURABLE FOR LONG PERIOD OF USE, COULD MELT IF PLACED ON HOT SURFACE NOT STRONG ENOUGH TO WHISK THINGS B. G. CAKE MIX. THIS MATERIAL IS MITER FRIENDLY AS IT I LIGHT WEIGHT SO IT WONT REGULARE A LOT OF FORCE TO MIE, THEREFORE IT WON'T PAT MUCH STRAIN ON THE MEEN HAMD.

LIGHT WEIGHT CERAMIC THU UTENSIL IS MADE FROM LIGHT WEIGHT CERAMIC. THE PROV ABOUT THU MATERIAL ARE LIGHT WEIGHT. THIS MAKES IT GAY TO CARRY & USE LOW MAINTENANCE : EASY TO CLEAN, THE CONSICAN BE EXPENSIVE. THIS CAN MAKE THE OVERALL PRICE OF THE MENVILL QUITE PRICE!

> PROSE EASIER MAINTENANCE, THIS MEANS ITS EASIER TO CLEAN, MATERIAL IS DURABLE. THIS MEANS IT WILL LAST FOR LONG PERIODS CONS: CAN CONDUCT HEAT THIS MEANS THE HAMDLE WILL OLD WARM ONE TO BODY HEAT. METAL CAN BE QUITE EXPENSIVE , SO PRICES

OF THE WHISH WOULD BE PRICEY. THE WHISK IS NOT LIGHT WEIGHT SO THIS COULD PUT PRESSURE ON THE USERS HAND

Incorporating "Blobium" Into devign

Materials:

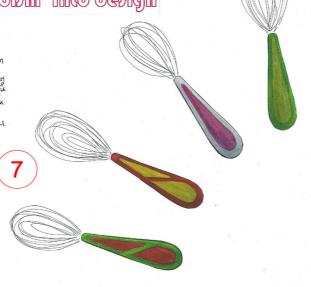
HEAT RESISTANT NYLON: HEAT RESISTION INTO WATERIAL IS THAT INTO MADOUT THE WHOEVER IS THAT IN BE MADE ONEARLY WITHOUT SEPONDER TO WHOO WATERIAN TO WITHOUT SEPONDER TO WATERIAN TO WATER TEMPERATURES OF 256 NYLON WILL NOT STRATCH THE SLARACE OF THINGS UNVLUKE METAL OR SHARP WODDEN UTEMILS THE MATERIAL IS ALSO DURABLE SO IT IS ABLE TO BE WIED FOR LOWD PERIODS OF TIME THE CON'S ABOUT THIS MATERIAL AREISTICK RESISTANT THAN ANY OTHER MATERIAL DDM (A CHEMICAL) THAT IS FOUND IN NYLON. SOME MAY BE FOUND IN PLASTICS THAT IS MSED AS MITENSILS, WYLON MITENSILS, CRACK FASTER COMPARED TO STAINLESS STEEL

FROM MY RESEARCH OF BLOBUSM, I FOUND OUT THAT THE COLOURS MAINLY USED IN THE GUSTING DESIGNS WERE BRIGHT COLOURI E. G. YELLOW, PINK, GREEN AND BLUE

THESE COLOURS HELP TO ENHANCE THE MESTHETICS OF THE DESIGN TO MAKE IT MORE PLANFUL AND ENGLACUYOR I PLAYED AROUND WITH SEVERAL COLOUR COMBINATIONS . COLOURS JUST BY ITSELF. I FOUND OUT THAT TWO COLOURS WORK QUITE WELL E.G. RED L CREEN, THIS IS BECAUSE IT MAKET THE DESIGN MORE PLAYFULT EMOUGHING WHEREAST IF THE DESIGN HAO ONLY 1 COLOUR & a ALL GREEN, IT LOOKS QUITE SIMPLE BUT IT IS NOT ENGAGING.

FROM SURVEYING A RANGE OF PEOPLE, THEY THOUGHT THAT TWO COMBINATION OF COLOURS WAT ALSO SEST. I THINK THAT FOR MY FIVAL DESIGN I WILL INCORPORATE TWO COLOURS BECAUSE THAT WAY IT WILL BECOME MORE METHETICALLY APPEALANG AND ALSO EMONIMING THIS WILL MAKE THE WER EMIDY WIND THE WHISK VATTRACT MORE

POSSIBLE COLOURS: PINK ! GREEN! PINK WOULD WORK QUITE WELL BECAUSE IT IS BRIGHT. ENGACING IT WOULD APPEAL TO MORE WIER FLOOKS QUITE NEAT FOR A MIDN'SIL THE COLOUR PINK WORKS WELL WITH PLOBISM TOO.



Kitchen Utensil Feedback

The utensil is comfortable and easy to hold Disagree Strongly Agree Because the one feels The utensil is comfortable to use Neutral The utensil is a good size for my hand to hold Strongly Strongly Neutral Disagree I am able to get a good grip on my utensil. Disagree Strongly Disagre The utensil's shape and form is visually appealing

Any other comments:



SIMPLE HANDLE LDESIGN SHAPE OF HANDLE ALLOWS HAND TO CIRIP ONTO IT EASILY



TOO LONG, SHOULD REDUCE LENGTH OF HANDLE BY 1-2 CM.





NICELY ROUNDED HANDLE FOR A FIRM ORID

EACH SECTION OF WIRE BY TISELF C THIS MAKES CLEANING EASY

DISHAPE ALSO WORKS WELL WI THE ROUND MANGE FOR GO I

THERE ARE GARS BETWEEN EACH LIT E SECTION, THIS MEANS THAT THE FOC MIXTURE COULD CET TRAPPED IN





COCD USE OF ABSTRACT / WEIRD SHAPES TO CENER ATE IDEAS

THERE IS A DENT ON THE SIDE OF THE HANDE WHICH ALLOW MY THUMB TO

"U" SHAPED ON SIDE OF HANDLE WHICH ALLOWS MY THUMB TO HOLD IT FIRMLY

WEIRDLY SHAPED, LOOKS BOKED. NOULD LOOK ASSTHETICALLY APPEALING IF IT WERE ROUNDED



What are two main types of grips when using hand tools and what is the

The precision grip uses relatively weaker and smaller finger muscles. The item or object is held between the thumb and the index finger. The grip

2. What are 3 main things that cause discomfort when using hand tools

The three main things that cause discomfort when using hand tools are

3. What are some important things that you will need to consider the d

of your kitchen utensil and how will this effect your particular utensil?

My whisk will have to be comfortable in the person's hand. Because if us

for long periods I don't want it to be harming the person therefore I may

My whisk has to durable in order for its fit for purpose. It must be able to be

used for long periods of time without breaking and also it must be stainless steel otherwise it would rust. Also materials must be considered when

designing a product because plastic isn't a material that is strong compared

repeated muscle use, excessive bending. Bending of the wrist can be

backwards (extension), forwards (flexion) or sideways (deviation)

should not be used for tools or actions that require a lot of force.

difference? What grip is required for your kitchen utensils? The power grip, where it requires relatively strong muscles in the forearm

The whole hand wraps around the handle

consider no sharp edges around the grip.

GRIP! HANDLE STARTS BIG TO SMAL GOOD ICA HAND TO HOLD FIRM

WEIRDLY SHAPED AT THE BOTTO

Human factors

1. How is anthropometric data collected and translated into a meaningful format that is useful for people such as designers and architects?

As anthropometric data can be time consuming, costly and relatively cumbersome undertaking it is easier to take a sample to represent the population. A sample is a faster way to collect data as it is less time consuming. Other ways of collecting data are surveying, anthropometric books and 3D scanning. With anthropometric books, thousands of measurements are already collected so this makes data gathering easier.

2. Why are certain measurements collected to establish particular guiding ratios and where does his information come from?

Not all body measurements are necessary for a design for a particular product only certain measurements are needed.

E.g Staircase. Feet and knee measurements. Hand measurements not

3. How are guiding ratios established for one product that is to be used by diverse groups?

Sample size that best fits the population

A variety of age and genders to best represents the whole population so people are able to get an indication of the "average" measurements.

4. What is important to know the decision making behind the sampling, measuring and the basis on which the guiding ratio has been established?

Due to the variations in individuals body sizes "averages" data needed by a designer and it is necessary. It is impractical to design for the entire population, so it is necessary to select a segment from the middle portion. Take measurements from the 5th to 95th percentile when designing an object used by the majority of population. Because sizes sheights vary from country to country (of people in Asia tend to be smaller than those n developed countries. Therefore it is important when Talking who were noted. Here is not the property of the consideration of









5th 50th permetile 55th seventile Average (mean) percentile

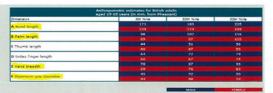


to metals such as steel. My whisk has to be efficient. Must be easy to use in order for it to function. My whisk also needs to be safe. I don't want it to harm anyone otherwise it would not be fit for purpose. Therefore I need to consider things such as no sharp edges, no poking out poles.

4. Remember, anthropometry is about body measurements, such as body gige, shape and strength. What measurements will you need to consider in he design of your kitchen utensil?









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THE HANDLE OF MY WHISK REQUIRES A POWER GRIP BECAUSE THE WHOLE HAND WRAPS AROUND THE HANDLES REQUIRES RELATIVELY STRONG MUSCLES IN THE FOREARM. RECOMMENDED GRIP DIAMETER 48-45

MATERIALS 1 TEXTURE.

THE HANDLE OF THE WHISK NEGOS TO BE A. SUITABLE MATERIAL E G PLASTIC, METAL WOULD NOT BE SUITABLE BECAUSE, THE MATERIAL IS QUITE HEAVY I METAL CONDUCTING HEAT - ENERGY A PLASTIC, SILICON GIRIP WOULD BE SMITABLE AS IT WOULD PROVIDE MAXIMUM GIRLP

EFFICIENTLY:

Student 1 Page 2: Low Excellence

MY WHISK NEEDS TO FIT THE SMALLEST POPULATION SO I NEED TO CONSIDER MEASUREMENTS FROM THE 54 PERCENTILE







TO FIGURE OUT THE SIZE OF MY WHISK I USED ANTHROPOIMETIC DATA, MODELS AND DRAWINGS ANTHROPOINETRIC DATA WAS USED BECAUSE IT WAS LESS TIME CONSUMING. EFFICIENT AND FASTIME COLLECTED ANTHROPOMETIC DATA ON THE INTERNET I USED EFFICIENT AND FASTING COLLECTED ANTHROPOMOGIC DATA ON THE INSERTED STABLE DATA FROM THE 5° PERCENTILE BECAMSE WHEN DESIGNING WTENSILL IT IS IMPORTANT TO CONSIDER DATA OF PEOPLE FROM THE SMALLEST POPULATION TO ENSURE TIEN ARE ABLE TO USE IT. THINK ANTHROPOMOGICIC DATA WAS MOST HELPFUL BECAMSE PEOPLE VARY IN ALL SHAPES & SIZES THERE "AVERAGE" MEASUREMENTS NEED TO BE WED, ALSO CARDROARD MODEL WERE A GOOD WAY TO COLLECT DATA. THEY WERE QUICK AND EASY TO MARGE IT WAS 1000 AS IT STOWED THE APPROX SHAPE IN SO TO ST THEREFORE I WAS ABLE TO VICUALLY SEE IT. LEAST HELPFUL WAS SKEICHES DRAWINGS BECAULE I (DULD NOT ENGAGE WITH THE WESSURGEMENTED WAS LECTED TO MAKE THE WORKED WORKED WELL SECANSE IT WAS GUICK AND EASY TO MAKE WY MODEL IT SHOWED MY SHAPE ISIZE IN SD SO I WAS ABLE TO FEEL IF IT WAS COMFORTABLE OR NOT, IF I HAD NOT USED A FORM MODEL, MY MEASUREMENTS WOULD NOT HAVE REEN SO









I THINK THAT HUMAN FACTOR I WAN TOOM I TOM FACTOR TANTON I SAME WAY WILL BAND THE MAN THE FACTOR OF A MAIN PARTABLE RATHER THAN THE FACTOR OF THE MAIN PARTABLE RATHER THAN THE FACTOR OF THE MAIN PARTABLE FACTOR OF A INTERVSIL IS THAT IT IS ABLE TO DO ITS JOB EFFICIENTLY WITHOUT ANY HAZARDS. THE AGSTHETICS MAY MAKE THE MENTIL ENGLACING BUT IT IS NOT IMPORTANT COMPARED TO MAKIND SURE IT IS CONVEORTABLE SO EVERYONE CAN USE IT EFFICIENTLY IT WAS INTERESTING TO SEE THAT AT THE ADE CREAM INCREMED, THE SITE OF THE MIENCEL WAS EITHER YNBUTRAL OR YOON THEREFORE I DECIDED TO MAKE THE DIAMETER —
BIGGER TO ENSURE IT WAS SMITABLE FOR ALL MSERS.
AT FIRST MY WHISK HAD SHARP EDGES, BUT INDROER TO ACHIEVE MAXIMUM
COMPORTABILITY I HAD TO CHANGE THE FORM OF MY HANDLE THEREFORE I MADE
THE HANDLE ROUND INSTEAD OF A SQUARE SHAPE FORM





THE CHARACTERISTICS OF BLOBISM INCLUDE THINGS LIKE 'ENGAGING' PLAYFUL BRIGHTLY COLOURED, SYMMETRICAL' CURRY ROUND, IN MY UTENSIL CHARACTERISTICL OF BLOBISM HAVE BEEN INCORPORATED SOME OF THE BLOBISCIS START OFF
FEATURE WHICH MAKES THE DESIGN AS A WHOLE FIND AGING, HAS THIS
EXAMPLE WHICH MAKES THE DESIGN AS A WHOLE FIND AGING, MY DESIGN
IS CHARACTERS.

IS SYMMETRICAL LENGTH WISE, THIS MAKES IT EVENLY PROPORTIONED SO IT LOCKS GODD . I HAVE INCORPORATED TWO COLOURS INTO MY DESIGN . I DECIDED TO CHOOSE WHITE AND PINK SECALSE THEN WORK WELL TOGETHER TO ENGAGE WERK. BLOBISM CONSISTS OF ROAND - CHRVY SHAPES, I HAVE INCORPORATED THIS IN THE BOTTOM OF MY HANDLE







LHAVE INCORPORATED THE AESTHETICS OF "BLOBISM" WHILST STILL ENSURING THE MENSIL IS CONFORTABLE. THE DIMMETER OF MY WHISK INCREASES FROM SMALL TO BIG. THIS MAKES THE MIEMSIL LOOM AESTHETICALLY APPEALING WHICH NESK THEN WILL FIND IT ENGAGING. NOT ONLY DOE! THIS FEATURE ALLOW IF TO LOOK GOOD, IT MAKES THE HANDLE LUGRE CONFORTA BLE TO NO. BURBLISM CONSISTS OF BOUND AND CURY SLOPES IN HAVE INCORPORATED THIS FEATURE BY WASHING THE HANDLE ROUND SO IT IS COMFORTABLE AS POSSIBLE



SMALLEST POPULATION

FROM LOOKING: AT .. ANTROPOMETRIC DATA

THE WIDTH! OF THE HANDLE SHOULD BE

FIFTH PERCENTILE! WOULD BE USING DATA

SMALLEST DOPULATION. DON'T NEED TO WORRY

MUCH ADAIT THE 98th PERCENTILE AS THERE WEASHERMENTS WOULD ALKEADY BE SUITABLE.

C. A WATER BOTTLE NEED TO CONSIDER SIN PERCENTILE

A DOCK NEED TO CONTIDER 95th PERCENTILE

FAOM THE 5th PERCENTILE SECAUSE THIS

MEANY I CAN TAKE INTO ACCOUNT THE SMALLETT POPULIATION SO THAT THE MEASUREMENTS ARE SLITABLE FOR THE

ATLEAST 89 MM, CONSIDERING THE SA

WIDTH