ASSIGNMENT 3 **THE LUNCH BUNCH** *Bridget, Carin, Daniel & GV*

CONCEPT

Everyone gets hungry, or hangry, and must eat out. Instead of leaving leftovers to the garbage, never to decompose, or taking them with the added environmental degradation of styrofoam, plastic or paper we aim to create a to-go 'toolbox' to tote your food with you."



CONCEPT

Imagine a product that urges restaurants and customers to become sustainable. We want a durable, sleek, easy to clean ceramic solution to restaurant leftovers."



CRITERIA

• Easy to clean, carry (handle) and store.

PROBLEMS

- Stacking
- Breakability
- Food dividers
- Handle
- Plexiglass lid





MOOD BOARDS Existing to-go containers



MOOD BOARDS Hungry & Hurried (target audience)









VISUAL INSPIRATIONS Lunch & Tool Boxes











SKECTHES

Hand drawn studies of the lunch box





SKECTHES

Hand drawn studies of the lunch box



Lunch Bunch in action



Exploring possibilities



Exploring possibilities



Attempt to create lunch box in Autodesk Maya 2017



Detail of one idea for the plexi lid insert



EXTERNAL CONTACT

Food safe plexiglass for the lid: cast vs. extruded acrylic



GROUP DISCUSSION OF THE CREATED PIECES

CLAY LUNCHBOX FINAL MODEL



FINAL MODEL OF THE CLAY LUNCHBOX

Rough technical drawing



FINAL MODEL OF THE CLAY LUNCHBOX

Bottom view + handle



FINAL MODEL OF THE CLAY LUNCHBOX

More angles + "handle in detail"



CIVILIZATION

CIVILIZATION

- Contact: Caroline
- Liked the idea, even though they don't do take out or to go orders
- Catering service as "Terranova To Go"
- Offered to do a pilot test of the project

EXTERNAL CONTACT Project validation with local restaurants



EXTERNAL CONTACT Civilization's current packages



GLAZE TESTS & COLOR SELECTION



PLASTER MOLD MAKING



PLASTER MOLD MAKING



POURING MOULD



GIVING IT SOME TIME...







Before



After



Facial recognition technology applied to glaze



FOOD TESTS ON PLEXIGLASS (CLEAR & FROSTED)





FOOD TESTS ON PLEXIGLASS (CLEAR & FROSTED)





Measures taken from final product



Moving to the Adobe Illustrator



Last minute variability between pieces and tweaks



Laser time! >D

BOX WITH LID

BOXES WITH LIDS

TOOL DIPPING BOTTOM

FINAL PRODUCT

FINAL PRODUCT First test with classmates

FINAL PRODUCT First test with classmates

FINAL PRODUCT Stacked lunchboxes

PROBLEMS AND SOLUTIONS FOR OUR LUNCH BOXES

- Had to shave down plaster mold to remove undercuts and make a better lip.
- Cone 5 slip fired to cone 6 caused over vitrification.
- Bloating; clay body reacting to certain colorants.
- Press mold instead of slip cast to relieve pressure cracking.
- Close holes in sides for support to help relieve pressure cracking.
- Potentially screw handle on or make handle out of different material.
- Change flanges on the handle so they won't warp.

THANK YOU!

Ken M

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