



ELEMENT

PROJECT GOALS



- Design a table with the intention of being used in a living room or sitting room.
- Design should be functional and have many storage uses.
- Uses of table should be relevant to position in living room.
- Design should be considerate of space and size restrictions due to location.
- Design should be considerate of materials.
- The table cannot be wall mounted and needs to be placed on the floor.
- Design should be easy to manufacture and to install.
- Design should use mixed materials.
- Table design should be attractive and well thought out.

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USER TREND



USER: Margaret Johnson

AGE: 36

JOB: Architect

HOME: City Apartment

LIKES: Organization, clean workspace, raw materials, architectural design, and functional design.

DISLIKES: Clutter and wasted storage space.

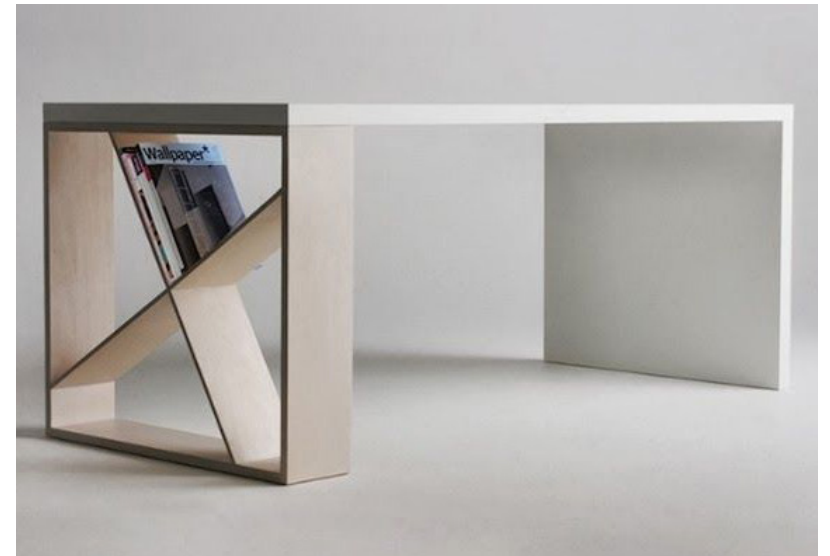
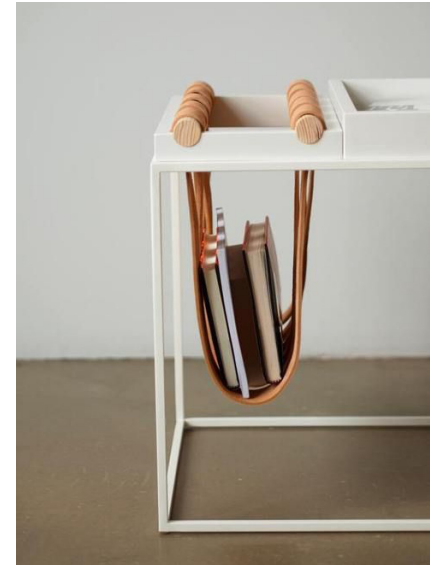
HOBBIES: Videography, cooking, and traveling.

LOOKING FOR: A table that reduces clutter in her full living room space. Design needs to be minimal, but functional, and needs to use mixed materials. Design should allow easy, fast installment and cleaning, and provide unique storage spaces. Table should be designed considerate of space and height of living room atmosphere.



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PRODUCT TREND



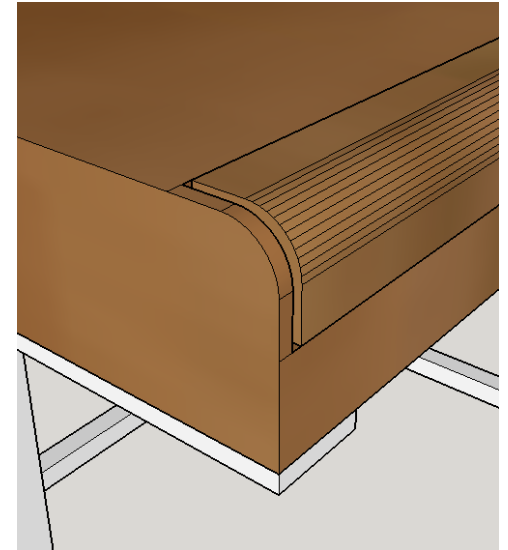
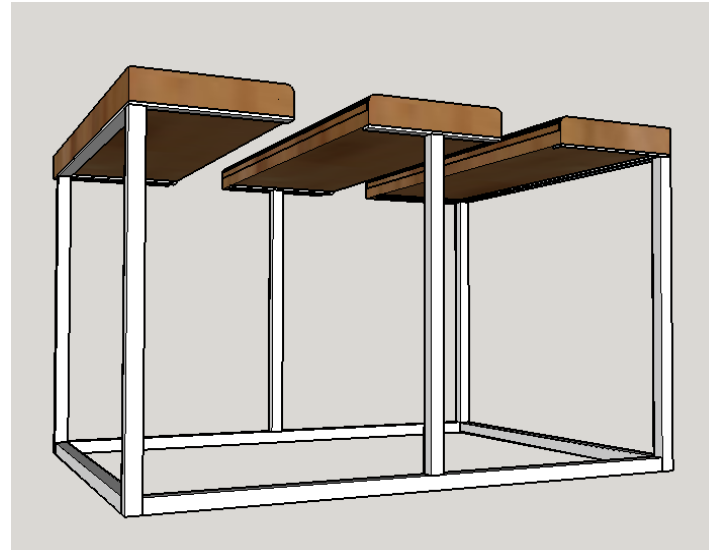
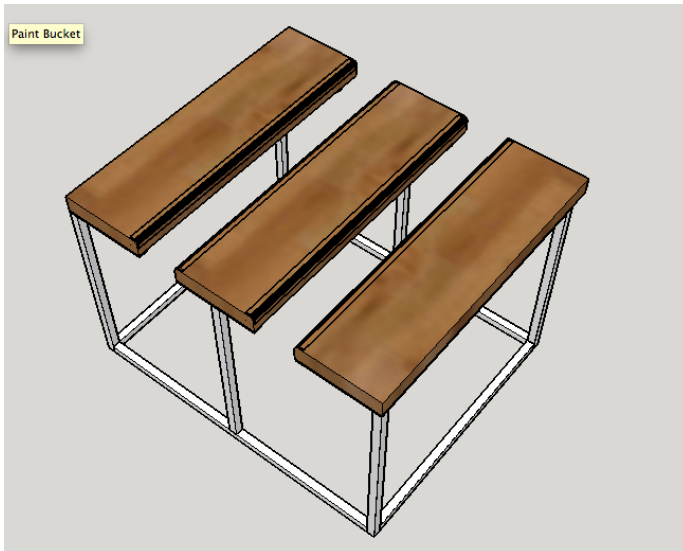
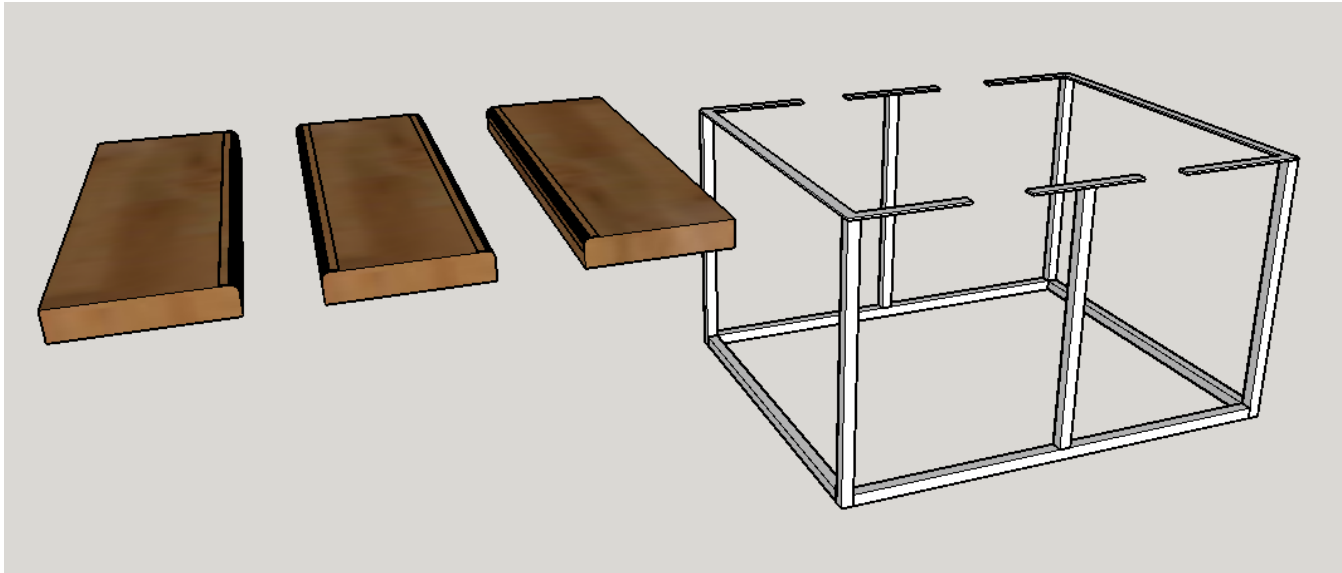
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PRODUCT TREND



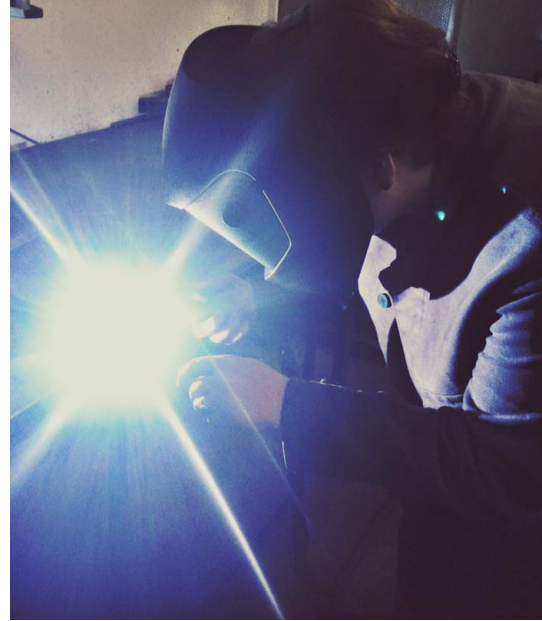
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IDEATION RENDERS



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MANUFACTURE



STEP 1: Cut steel into 4 sizes, 10 pieces in total. While keeping edges square weld pieces together into frame.

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MANUFACTURE



STEP 2: After bottom frame pieces are welded and are square, cut top steel bars to size. Then drill screw holes in pieces that will be used later to attach wood tops to table.

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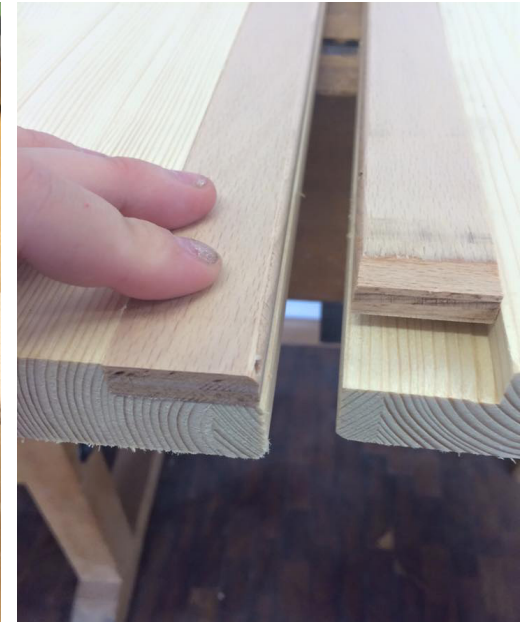
MANUFACTURE



STEP 3: Weld steel bar pieces to the completed frame. Make sure the pieces are flat and squared so the wood top surface of the table is flat and square to the ground.

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MANUFACTURE



STEP 4: Cut wood top pieces and take long edges off for textile installation. Cut new wood pieces to fill in long edges, since blade removes too much material. Sand edge pieces to deal with textile thickness. Then drill and sink screw holes for textile installation.

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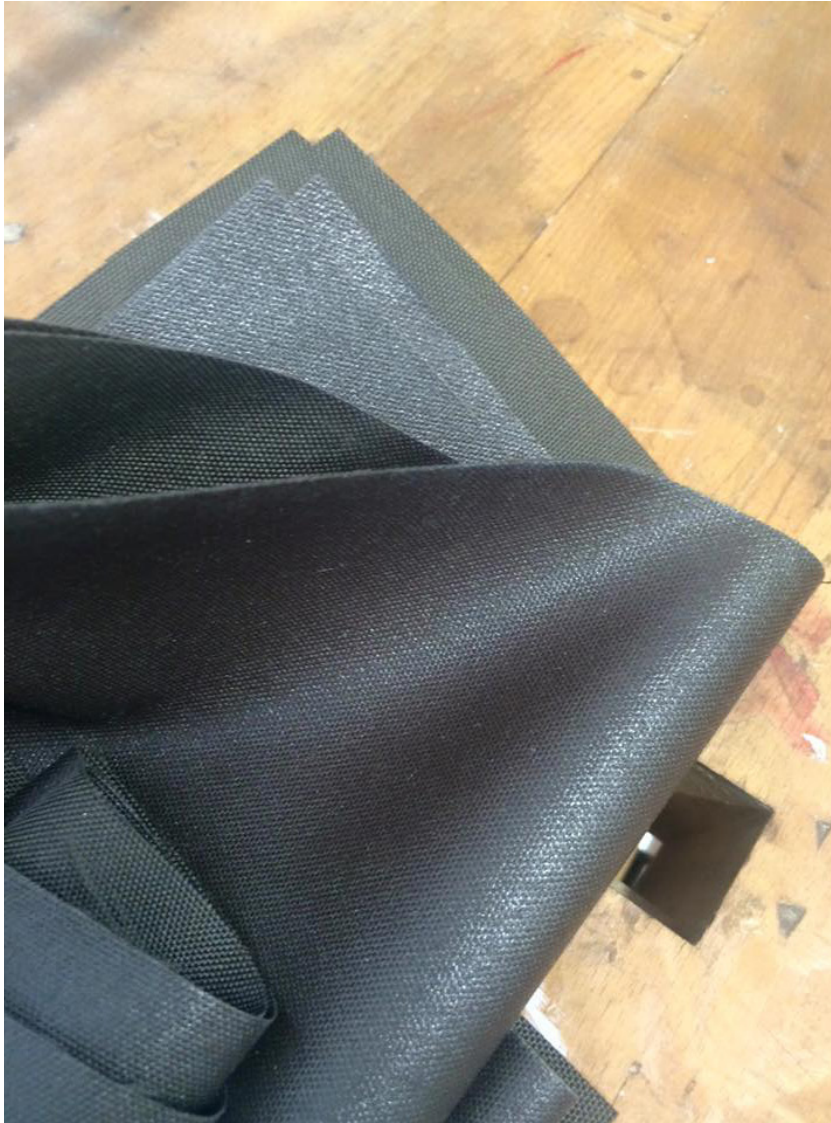
MANUFACTURE



STEP 5: Clean and shine steel with suggested cleaning products. Once cleaned and dry, add wood top pieces to frame. Check that edges and screw holes are aligned.

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MANUFACTURE



STEP 6: Cut textile into desired length and size. Then install and drill the textiles onto the frame. Finish / Stain wood top surface. Enjoy your table!

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FEATURES

Two installed textile panels of two different lengths. Used for storage of reading materials like books and magazines. Can also be used for smaller items like electronics and remotes. Can be easily removed and cleaned if needed. Strong material allows for maximum storage use.

Three oak wood panels, atop a steel frame. Steel frame allows for a “floating” appearance. Strong steel and wood allow for heavy weight allowance.



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FINAL MODEL



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Miranda Wipperfurth - SoSe 2015 - Markus Krauss

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Miranda Wipperfurth - SoSe 2015 - Markus Krauss

A person and a child are sitting on a white sofa in a modern living room. In front of them is a low, rectangular coffee table with a light-colored wooden top and a dark metal frame. The table has three shelves. The top shelf holds a book with a dark cover and a white title, a remote control, and a small black object. The middle shelf is empty. The bottom shelf is empty. The person is wearing a light blue t-shirt and dark shorts, and is holding a glass. The child is wearing a grey t-shirt with a graphic and dark pants, and is holding a white mug. The floor is made of light-colored wood. The background is slightly blurred.

THANK YOU!
VIELEN DANK!