

Designing 'something for the table': A table storage accessory for students

DESIGN OPPORTUNITY

ANU SCHOOL OF ART BRIEF: Design 'something for the table'

DESIGN SPECIFICATIONS:

- Based on dining table/desk
- Smart material use
- Low energy impact
- Eco-friendly

TARGET MARKET: Students / people with low budget and lack of space

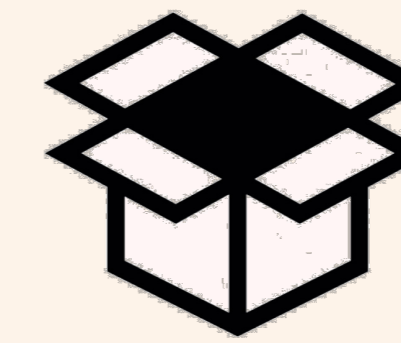
REQUIREMENTS

Eventual design features were developed through the analysis of customer requirements:

Durable



Provides Storage Space



Portable



Cheap



Environmentally Friendly



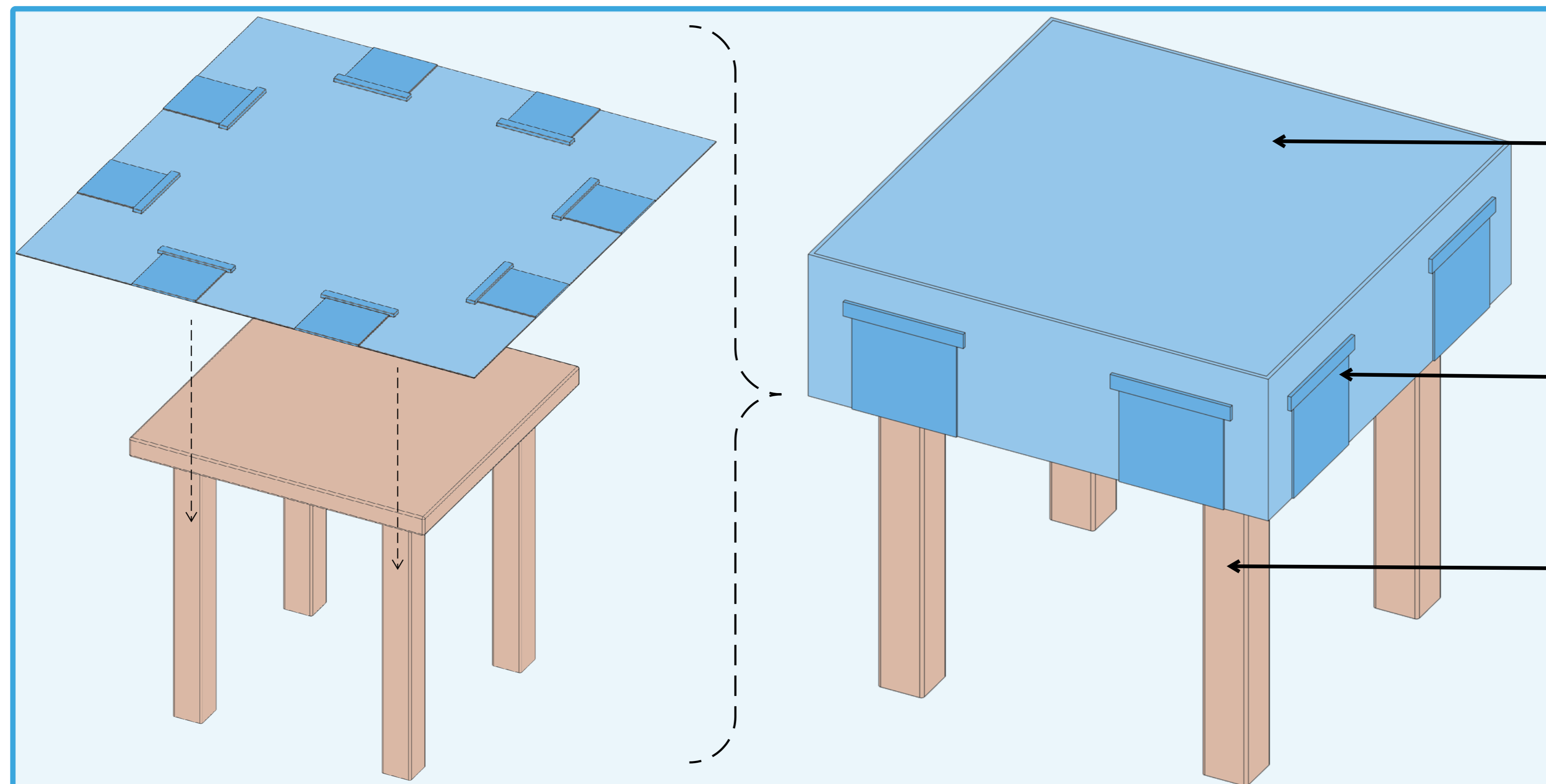
DESIGN SOLUTION

The proposed design solution is a table cover that has storage capability, perfect for a student with limited space and requiring an organised workspace.

The table cover will be made from a light, pliable and eco-friendly fabric or synthetic. The material should be readily available and cheap to allow for possible mass production in the future.

The pockets will provide a simple, manageable and portable storage system that is integrated with the dining table or desk of the customer. The exact location or dimensions of these pockets will be decided on a later date.

The pocket locations/sizes and material choice should be such that the cover can adapt to most tables. This means that the cover may not necessarily be square.



DESIGN FEATURES

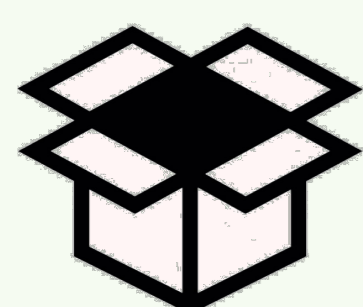
MATERIAL: Light, pliable and eco-friendly fabric or synthetic. Low production cost.

'POCKETS': Provide a simple storage system.

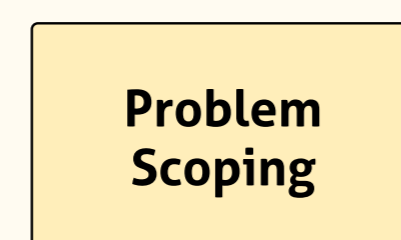
VERSATILITY: Material and pocket design should suit most tables.

FUTURE IMPROVEMENTS

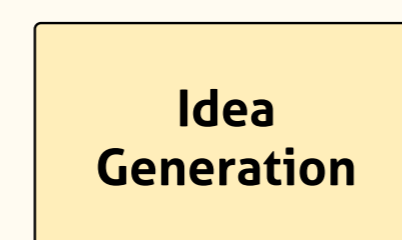
- Investigating other methods of increasing storage such as drawers, table adhesive
- Identify further ideal materials
- Making a 'customisable' design so storage elements can be placed where desired
- Adaptable to any table shape /size



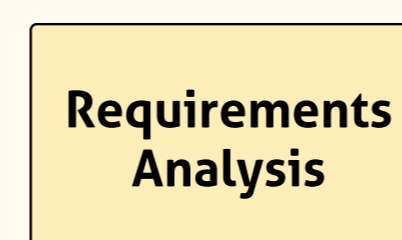
SYSTEM ENGINEERING PROCESS



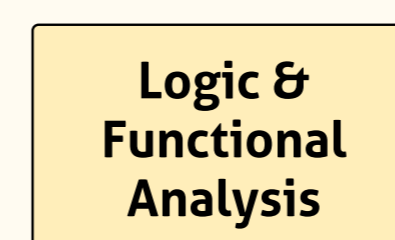
Over 3.5 billion people worldwide live in urban areas and have limited living space (Rodan, 2013). How can space be more efficiently used in small living areas?



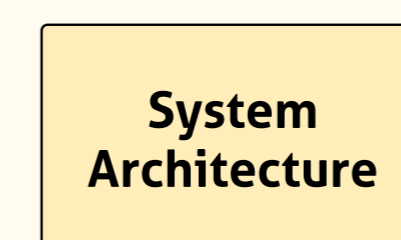
The average student will have a table at home and a household may have numerous tables (Batdorf, 2013). Traditional tables lack storage capability, take up valuable space and under-utilise the space underneath them.



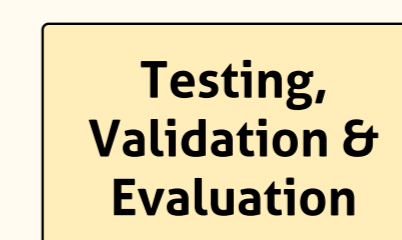
The selected client, a student, has certain requirements that need to be fulfilled, as seen above. This is integral to the process of finding the best solution and it dictates the goals.



The main function of the table cover is to increase storage space. Functional analysis allowed investigation of how it could be used e.g study table, garage tools, craft.



The design of the cover (and other design ideas) were conceptualised. How the user interacts with the table can influence



The table cover was found to best fulfill the customer requirements.

REFERENCES

Batdorf, J. 2013. *7,000 Students Reveal Their Housing Wants and Needs*. www.multifamilyexecutive.com

Maya Rodan. 2013. *U.N Time*. See more at: www.world.time.com

(Full list of references provided in GP rec.)

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