



## APPLICANT 5 – A FOOT STOOL

What does/did your project aim to achieve? Please write up to a maximum of 300 characters

My dad is my client and he has back pain and leg pain which affects his movement. my dads home environment is also stuffy and full of clutter so my dad needs a product to help him be comfortable and would need to supply storage in order to make the home environment cleared from unnecessary clutter and to make space. The product I intend to make would also be matching the furniture in the home environment which would make the home look better.

Please describe and explain your project making clear and direct reference to your supporting documentation. Please write up to a maximum of 1000 characters

I had to make decisions to make sure the product will last and be durable. I would also help to include my clients preferences and requirements and try to make as much of it correspond as possible so it would please my client. I would need to decide on what is a suitable finish or joint type to make the product long lasting. I would also need to decide on a suitable size for it is too big or too small then it won't suit the client properly.

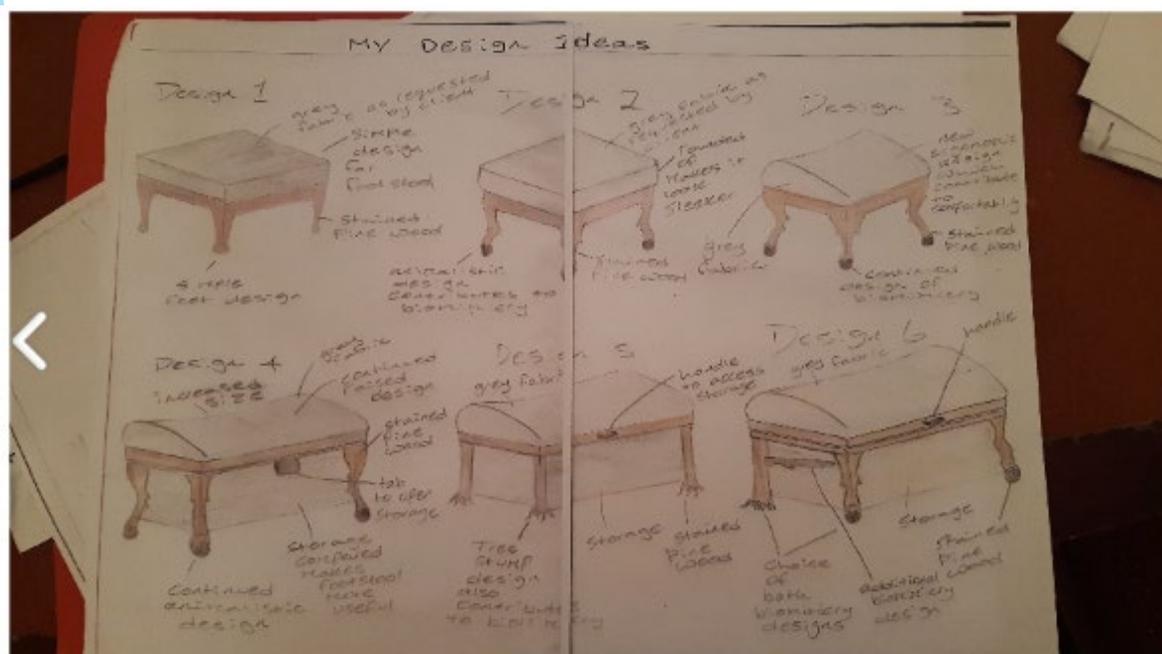
What have been the successes and failures of you project so far? Please write up to a maximum of 500 characters

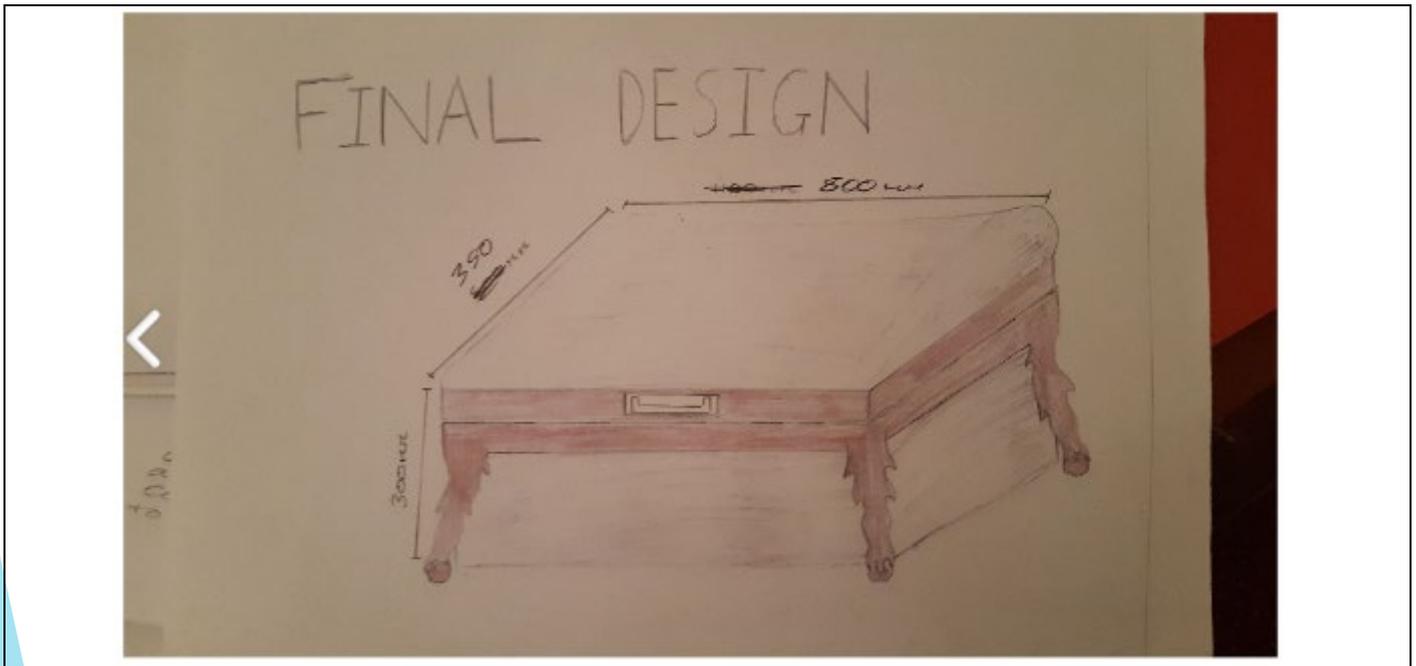
To continue to make sure the product was still suitable to the client and to include his preferences. in order to maintain a focus on durability and purpose I would need to continue to focus on a suitable way to make the product last a long time also for purpose I would need to choose a suitable design from my design ideas to make sure it performs its purpose well. In this case I have chosen design 4 (in uploaded picture below) because it was chosen by my client and it looks better at performance.

What lessons of an engineering nature have you learnt from working on this project? Please write up to a maximum of 500 characters

I have learnt what would be a suitable material would make a product stronger along with the joints and finishes. I have learnt how to make someone be my client and I have learnt through this experience what it is like to have a client and to receive preferences and to link to suitability.

## VISUAL EVIDENCE





## MARKER'S COMMENTS

This applicant's write up focuses a little too much upon his client's needs, and too little on engineering. This sometimes happens when applicants use a school Design and Technology project to write about, where the client's needs are, quite rightly, central to the project. However, Arkwright is all about engineering so the write up needs to focus on engineering aspects of the project: the applicant is building a structure, so structural engineering could have been commented on, for instance. The applicant could also have talked about choice of materials and their comparative strength and suitability.