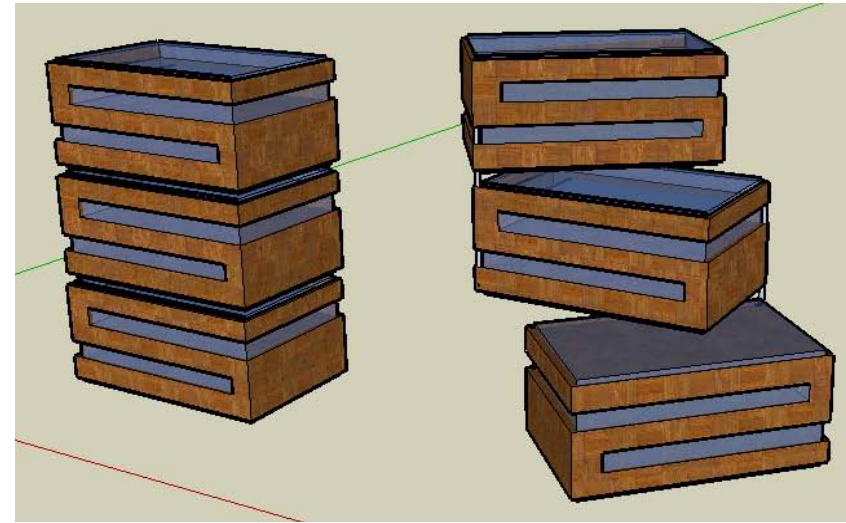


# Bookcase Modelling

Tian Liu

# CONCEPTS

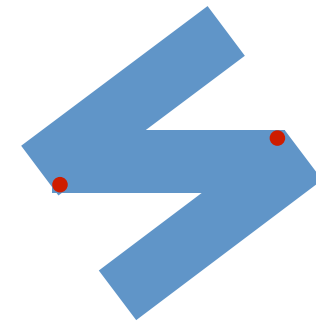
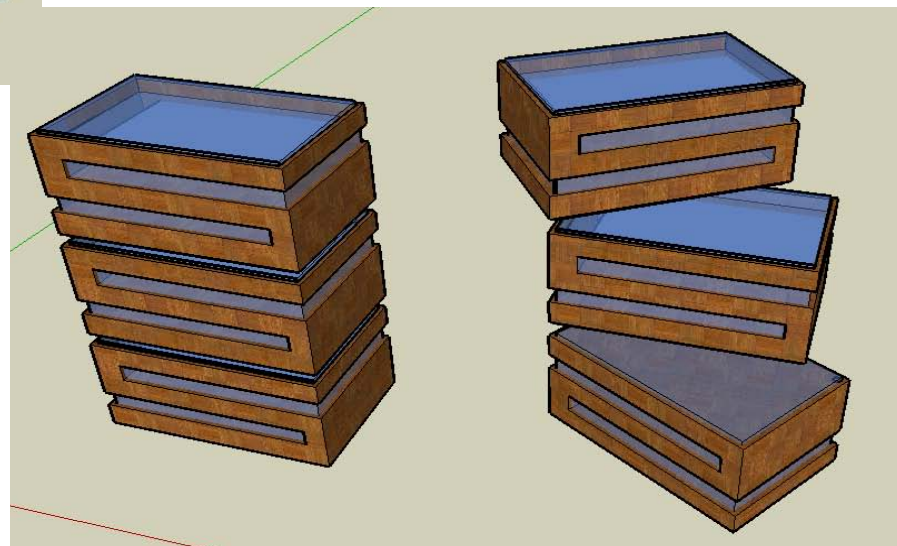
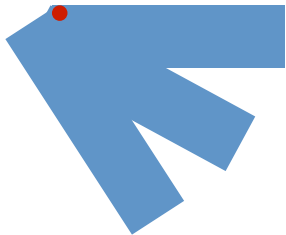
From the previous design I have developed the designs on this page. I also added acrylic to the inside of the bookshelf so light can pass through.



I explored different ways of rotating bookshelves. Two appealing ways that I think may work are shown here.



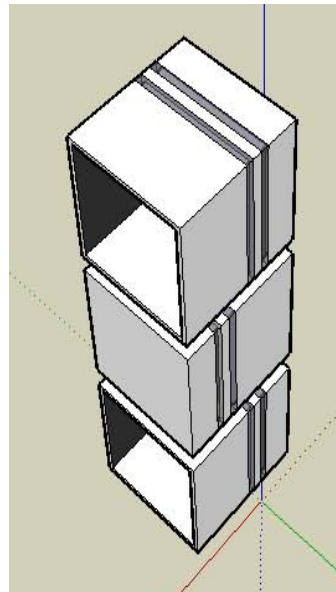
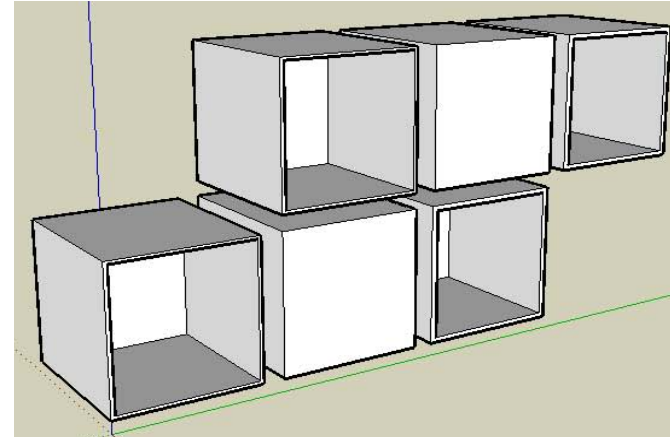
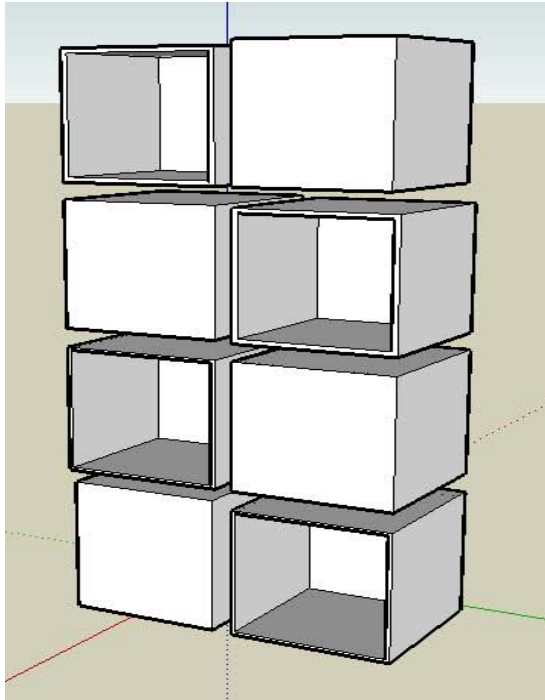
This storage unit rotates like this.



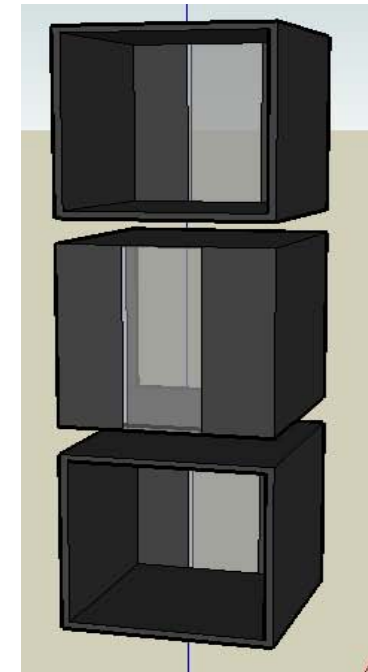
This bookshelf rotates like this. As with all these designs stability would be a problem.

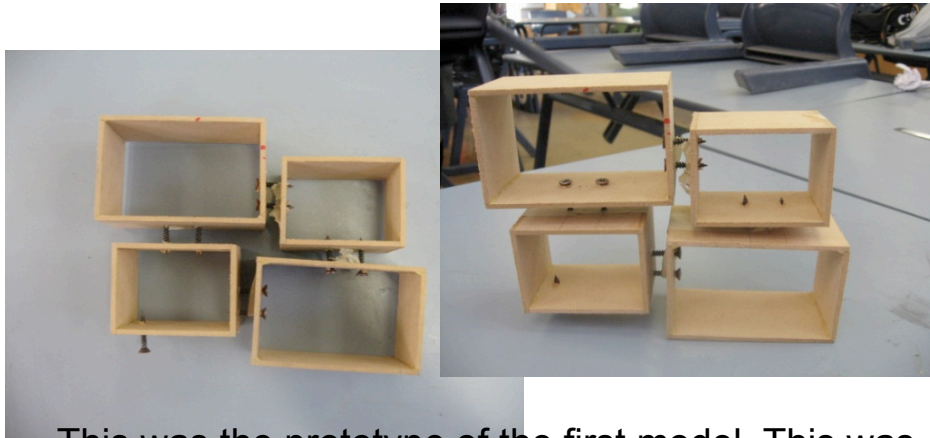
# CONCEPTS

Here are just a few concepts that I have created in Google Sketch up. The concepts are kind of the same I have just changed by adding new styles, colours and the shapes/ order of the designs.



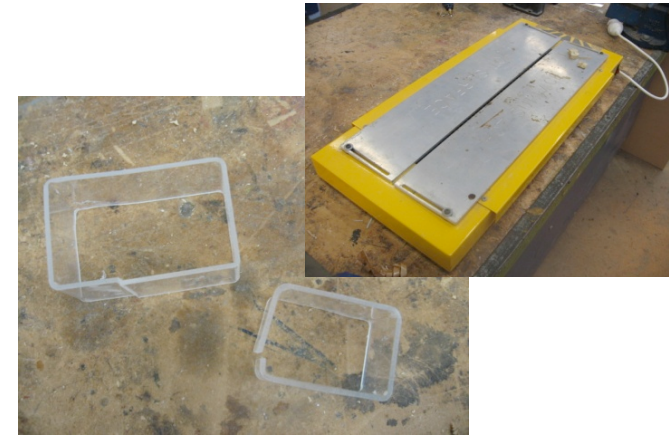
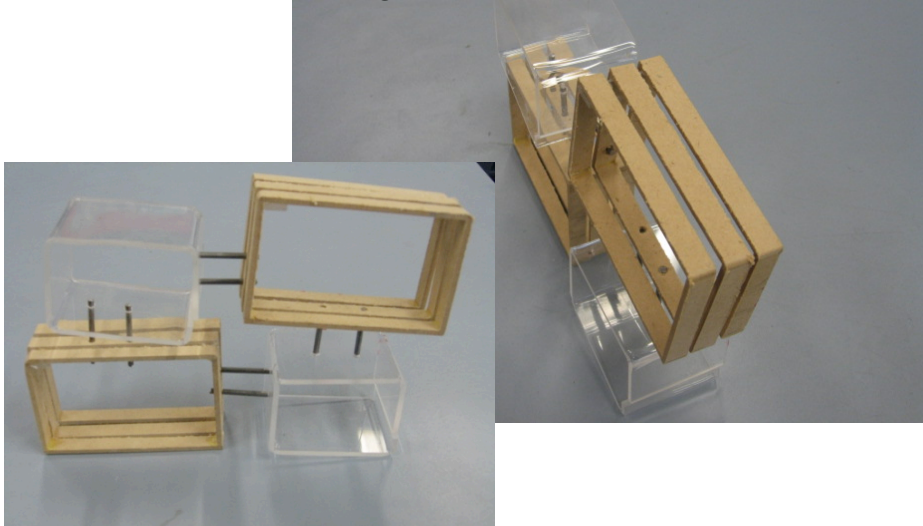
Here I have just added new materials to the bookshelves, this fulfils the key factor of my client, which is modern



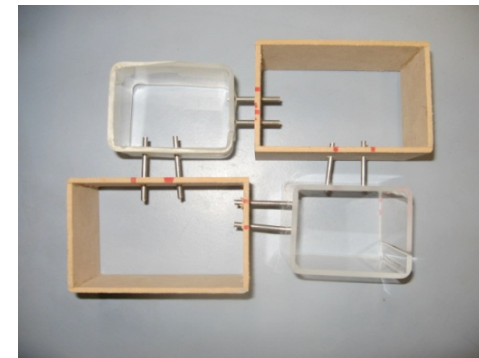


This was the prototype of the first model. This was just put together to show the design, shape and form. When it was made I kind of liked it, so then I made so development to it.

Using the new 2 acrylic cubes made a new design. When I looked at the model there was something still missing, it still did not perfect. Then by cutting the 2 bigger cubes, which gave it a later look, made it complete.

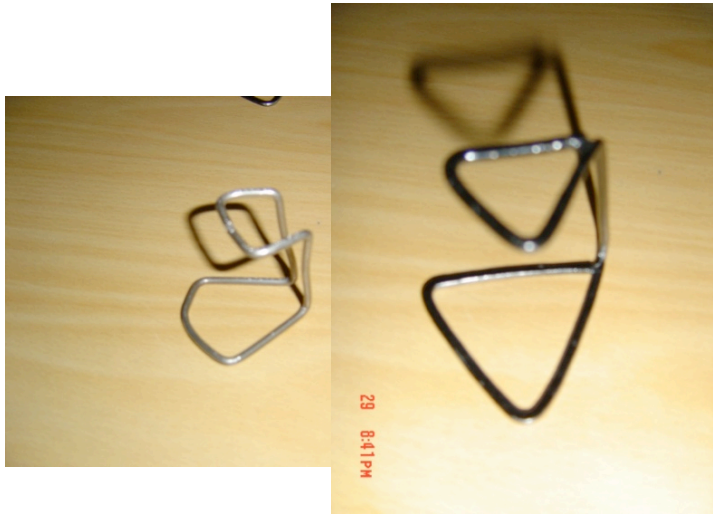


The first thing that came to my mind was 'How can I make this look better?' Then I thought of using different materials. Another type of the materials which my like would like in his bookshelf was acrylic. so using the measurements for the smaller cubes I made 2 out of acrylic.

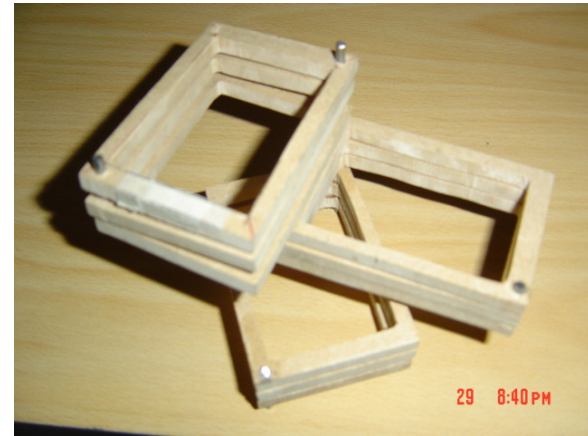


# Model making



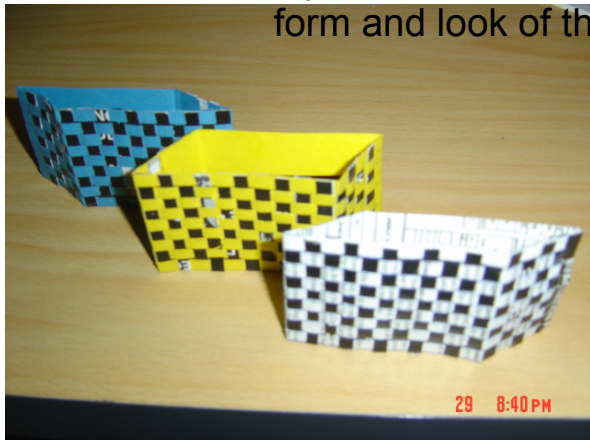


These model were made to explore the shape and form of the legs, if the bookshelf was going to be free standing. Coast of spray paint was also tested for the finish on the final product. (primer and gloss black)

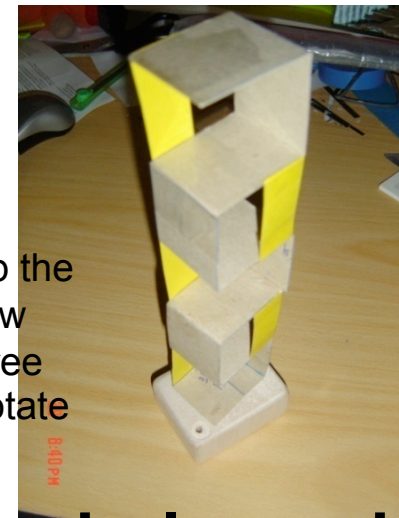


This model was made to show a idea to my client, about a rotational bookshelf. This design had a layer look to it, which goes well with books and this was very different.

By weaving the materials together, I was creating a new style, this was to test the outside form and look of the bookshelf.

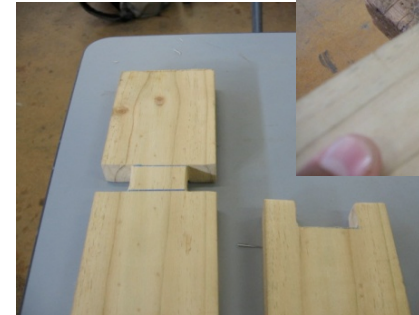
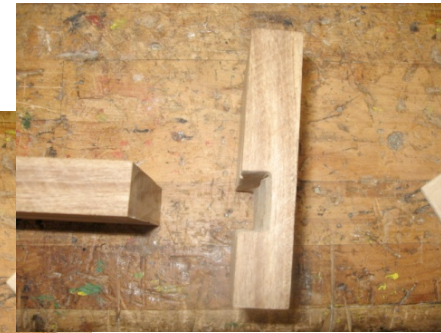
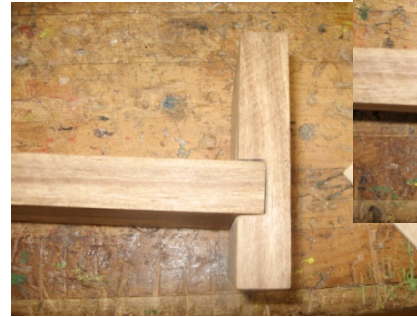


Take the rotational bookshelf up the next stage, I came up with a new design. This bookshelf will be free standing and it will be able to rotate when locating for a book.



# Model making

I tried out these joint, which I think are suitable for the bookshelf.



I also tried out these natural finishes, for the final product.



DARK



DARK CHERRY



LIGHT CHERRY



NATURAL



LIGHT



MEDIUM

# Model making