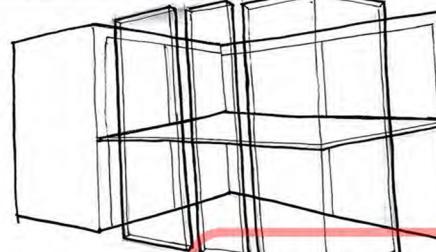


## How to make the building visually appealing?



I have chosen this design because it has a strong minimalist look due to the use of straight lines and it also has potential to be developed into a visually appealing senior common room since the use of vertical lines on the glass panels that stretch over 2 stories after an interesting look at a repeating pattern and repetition, capturing the eye. I will work around this concept of my design to aim to visually enhance the rest of the building while meeting the minimalist style.

A door has been added in order for the economical use of the building by providing user friendliness allowing access into the interior of the building. By making the door a glass material it will harmonise with the windows and glass panels visually enhancing the design.

By extending the end of the building makes the senior common room larger which gives more space for the interior which is more use since there can be larger rooms. This can be the function of the senior common room.

Extending the building one a different side will emphasise creating an "L" shape for the building but gives more space for the interior rooms of the building. But this takes away the "box" look that it goes against the key idea that "less is more". So I will keep the original shape to keep my design's simple & effective reinforcing the minimalist style. In my view as a designer prefer the box look rather than the "L" shape look.

A corner window extending over 2 stories visually enhances the building by harmonising with the glass panels that also extend vertically 2 stories high by the balcony. Since the building is not going to be extended there is no place for this window. Therefore, I may use this feature on the opposite side of the building since it is an effective concept.

## DESIGN DEVELOPMENT

By adding a window horizontally cutting through the building reinforces the look of the building. By combining to the concepts of straight lines that detail meets function with the windows making the house look appealing with the strong looking straight lines and the windows allowing natural sunlight into the interior from all possible sides of the building.



Details such as doors and windows have been added by cutting inwards the building rather than putting extra detail to the exterior. This contributes to the minimalist look making it visually appealing by giving the building a skeleton look.

Splitting the top left windows into 3 parts creates repetition/pattern which captures the eye from this side of the building and harmonises with the glass panels on the opposite of the building.

Extending the window that is 2 stories high right down to the bottom floor will allow a door to be placed all along a door to fit as part of the window to make this feature to have 2 uses, giving more space on the rest of the exterior walls reinforcing the minimalist style and the idea that "less is more".

The door being added is useful for the economical use of the building. User friendliness from 2 sides can be accessed from only one side.

No other walls have been cut away of extended fur the sake of keeping the building's form static with having to move movement reducing the simple and effective look. Also to my views as a designer to keep the "box" shape.

## DESIGN DEVELOPMENT

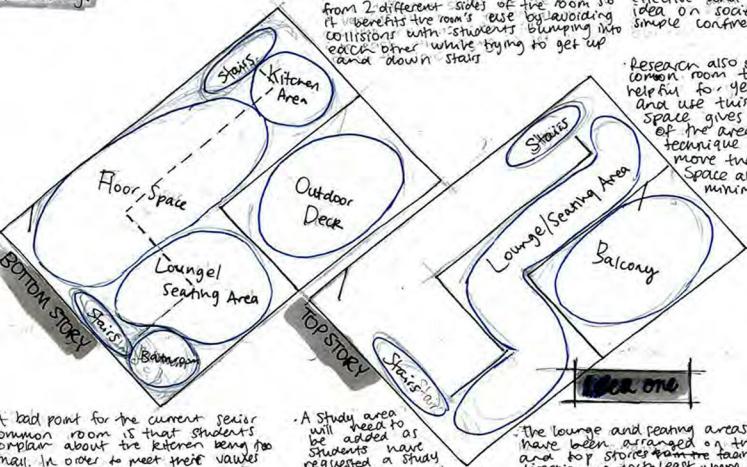
## 2

By extending the 2 outer window widths and covering the center window width makes the sizes of the shapes exactly the same as the glass panels on the opposite side of the house, strengthening the harmony of the line, repetition, pattern and size between the glass panels and the windows.

By shortening the height of all 3 windows makes them all above the half way mark on the second story building, making the floor of the second story seen from the exterior. This reinforces the minimalist style and the idea that "less is more".

Having a deck strengthens the efficiency of the building with the use of unused space of the building. A deck has been added for underneath the building to create a space for the students that are a part of cultural groups or drama groups to practice. A space of the senior common room away from other students wanting to visually enhances the design by creating repetition of open windows by lines, reinforcing the minimalist style by its straight lines and the idea that "less is more".

## How will the rooms be set out inside the building?



A bad point for the current senior common room is that students complain about the kitchen being too small. In order to meet their values the kitchen will need to be larger to be able to provide a table/eating area as well as enough space to move around the kitchen area.

A study area will need to be added as students have requested a study space for the new senior common room (shown in research).

The lounge and reading areas have been arranged on the bottom and top stories taking the direction of north east sun. The sun shines during the day, this is effective as students prefer to sit in a warm area during winter.

The upstairs lounge/seating area has been made open towards the bottom floor (with no walls) like the space in the current senior common room as it makes the interior feel spacious which reinforces the idea of minimalism.

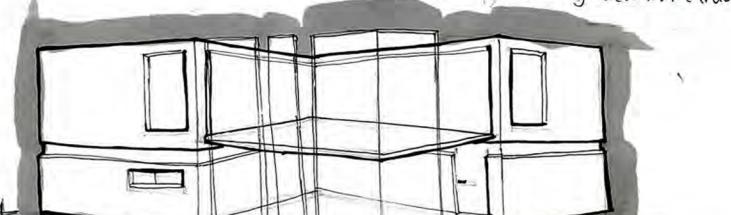
Making the seating area upstairs only one level of the space is not as effective as it will not be exposed to sunlight the entire day. This also makes the stairs only give the function to be the stairs, useful in winter when it is cold. This won't use the balcony when the sun is strong/streets around the deck it will make summer/winter as students will still use the lounge/seating area in the interior.

Dotted lines show where walls are going to be inside the building. The walls are placed on the corners to cover the steel beams allowing the rooms to feel less cluttered since less beams will be seen in the interior space, reinforcing the minimalist style (as the only room with walls is the bathroom for privacy).

The absence of many walls creates an open space throughout the interior which also contributes to the minimalist style.

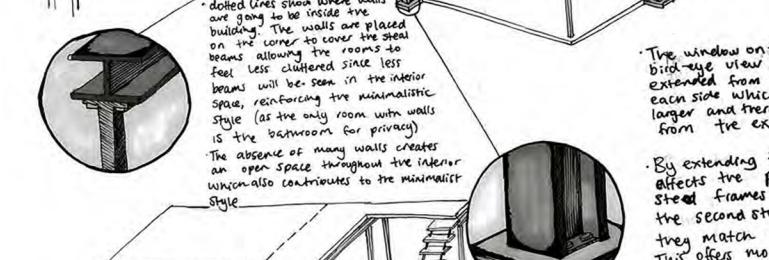
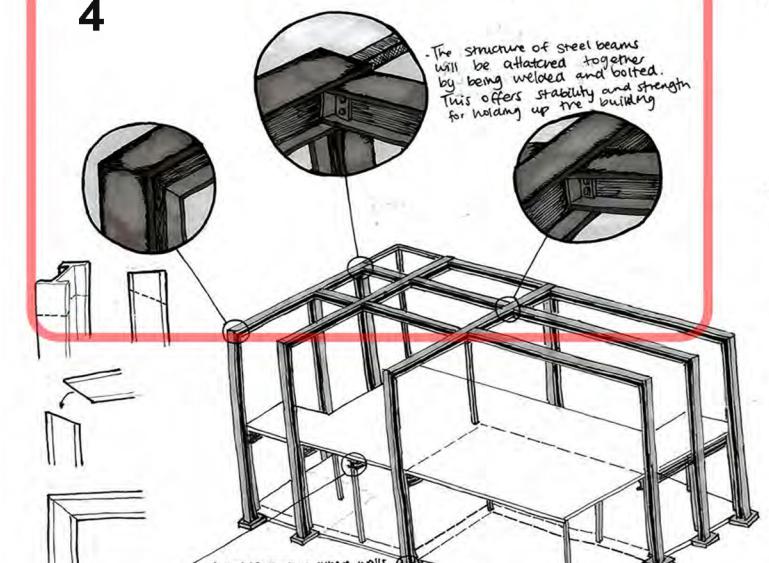
The 2nd story has gone back into the original layout as it still offers an open space in the morning as research shows sun comes from the east side.

A window has been added to allow more sunlight to reach into the 2nd story where the kitchen shows sun comes from the east side.

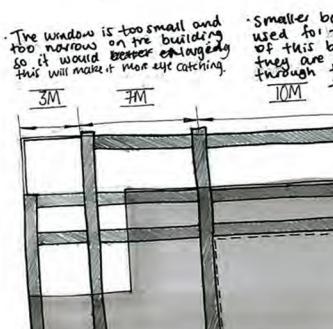


A window has been added to allow more sunlight to reach into the 2nd story where the kitchen shows sun comes from the east side.

## 4



The structure of steel beams will be attached together by being welded and bolted. This offers stability and strength for holding up the building.



Smaller beams have been used for the corner top left of this bird's-eye view so they are more discretely seen through the windows contributing to the minimalist style.

Steel beams have been used for the structure as they are strong and suitable for 2 story buildings rather than just using metal bars.

Stair need to be slanted in structure.

The widths of stairs and the walkway is 1 meter, allowing enough room to comfortably walk across, and also offering more of an open space between the bottom storey and the second storey.

To provide more strength/stability to the building in holding the 2nd story up, I will need to make the steel frames attach to it by going through the floors instead of just going around them which will offer a much more stable structure.

Cutting the glass panels into 2 parts by the balcony to extend the glass slightly but it creates more shapes hidden in the design.

This goes against the minimalist style and the idea that "less is more". Therefore I will not split the glass panels apart due to my opinion as a designer that having 6 panels is less appealing than having 3 panels.

By extending the 2 outer window widths and covering the center window width makes the sizes of the shapes exactly the same as the glass panels on the opposite side of the house, strengthening the harmony of the line, repetition, pattern and size between the glass panels and the windows.

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