Benchmarking: Gerstein Library



Figure X. Gerstein Library Bookshelves stacked to the ceiling

Gerstein Library is a student space to study and read. Students will go to Gerstein for a general quiet space on campus. Books and documents are stored along the shelves with hallways that help users easily access each row. Unlike the Sussex Clubhouse, the library has a bigger area and height for storage options but provides a helpful component to our brainstorming process. Books are stacked to the ceiling which allows for less shelves to interfere with the accessible walking space.

Table X. *Gerstein Library Measurements.*

| Bookshelf Height: 2.28m | Bookshelf Width: 0.38m | Bookshelf Length: 14.25m |
| --- | --- | --- |
| Height of Library of Figure X: 2.52m | Width of walkway: 0.7125m | Time it takes to move around the and cover 4.75m x 2.25m of storage space: 6.72s |

Our final solution should incorporate this solution as rearranging storage for better walkspace considers two major functions: the solution component gives a better storage option while helping people walking around the space in a more efficient way.

Although this solution is present in Gerstein Library, it is good to give a good assessment on the solution and how well it can be incorporated into our solution.

Table X. *Pros and Cons of Gernstein Library solution.*

| Pros | Cons |
| --- | --- |
| * Very accessible through hallways that can go through each piece of storage * Each piece of storage is visible * Better use of volume of the room | * Hallways are narrow * As each shelf is stacked to the ceiling, their is less space for wall design * Storage might be a bit harder to access with items stored at a more elevated level |

Table X. *Space Objective Assessment.* Table X*. Storage Objective Assessment.*

| **Storage Objectives** | Goals and Description |
| --- | --- |
| Durable and Robust | Rearrangement of the cabinets will not affect the material that crafted the cabinet |
| Secure | Rearranging cabinets does not change the security of the cabinet. |
| Flexible | Cabinets have a volumetric storage space which allows for storage of all sizes. |
| Minimize cost | This does minimize cost as the storage room already includes storage cabinets that can be rearranged. This would require minimal to no cost as this solution only rearranges the storage space. |

| **Space Objectives** | Goals and Description |
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| Maximize utilization of space | As this solution is more fitted as a storage improvement, this solution improves the storage space which leaves other rooms emptier for space that students can use, improving the area of space students can use. |
| Adaptable furniture | As more space is freed from a storage improvement, there is more space to move around furniture for different activities |

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In conclusion, the Gerstein Library has provided a significant contribution to the storage issue as in contrast to the library, the clubhouse does not maximize the elevated areas of each room which can be used for storage. There is a big difference between the areas that people can walk through but an investigation on a similarly-purposed space helps the process for finding a solution to the Sussex Clubhouse Space.