UNIVERSITY OF OTTAWA



Faculty of Engineering

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FEEDBACK OUTLINE:

PROTOTYPE I:





For prototype I, it was made of cardboard scraps found in our homes. The main objective for the prototype is to test the space ratios of the rooms and the hallways.

Weaknesses found using our prototype are as follows:

- Hallway B is considerably thinner than the other hallways
- We do not have that many small offices.
- The Lab space is quite small.
- The break room is quite small.
- The Boardroom is rather thin.
- The hallways are connected awkwardly with doors, instead of an archway or something idk

| Test ID | Test Objective (Why) | Description of Prototype used and of Basic Test Method (What) | Description of Results to be Recorded and how these results will be used (How) | Estimated Test duration and planned start date (When) |
|---------|---|--|---|---|
| 1 | Test the maximum distance a person would have to walk to reach one spot of the building from another | Prototype 1 used. Basic test method was to eyeball the distance from a bird's eye view, mainly from one corner to another. | Distance | 1 hour |
| 2 | Compare various parts of the building to other parts in terms of dimensions to spot any that seem out of the ordinary | Prototype 1 used. Basic test method was to use our eyeballs and look! Hallway B looked bad. | Qualitative points. (noted above) | 1 hour |
| 3 | Compare relative size of rooms to see if space is efficiently used. | Prototype 1 used. Basic Test method was to use the scale of the prototype to picture the building in real space and consider changes to be made. | Qualitative points. (noted above) | 1 hour |
| 4 | Check if all essential components of the building are present based on client needs that have been specified | Prototype 1 used. Basic test method was to go through our client's need document and see if everything was present. | Qualitative points. (noted above) | 1 hour |
| 5 | Ensure that the prototype would follow building codes if scaled up based on provincial and federal guidelines. | Prototype 1 used. Research essential building codes in previous deliverable and ensure all of those researched codes were met adequately | Qualitative points. (noted above) | 1 hour |