

Visualization Term Project

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1 Introduction

2 Materials

2.1 Building Layout

2.1.1 Basic

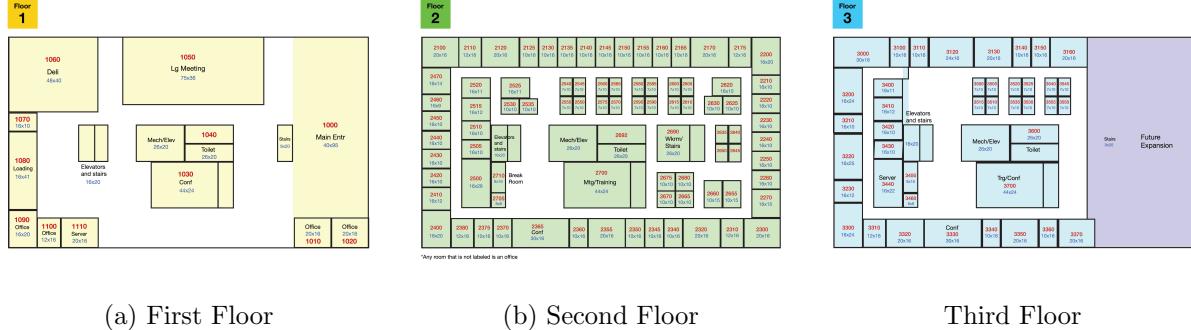


Figure 1: Main Layout of the building

The main layout of this building is as figure 1.

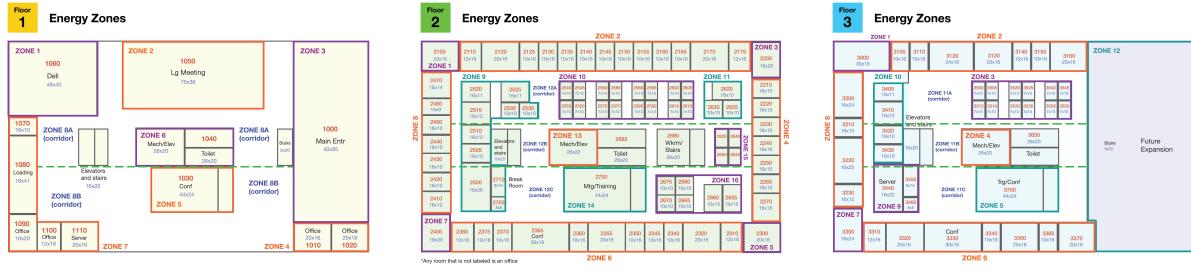


Figure 2: Energy Zone of the Building

The energy zone of this building is as figure 2.

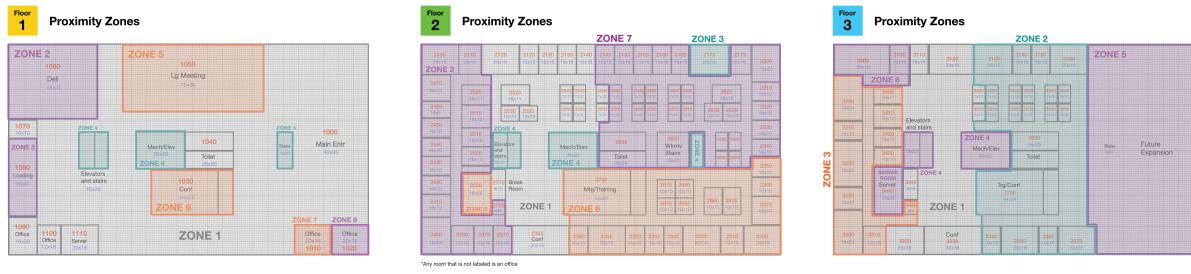


Figure 3: Prox zone of the Building

The prox zone of this building is as figure 3.

3 Methods

4 Results

- 4.1 What are the typical patterns in the prox card data? What does a typical day look like for GASTech employees? Describe up to five of the most interesting patterns that appear in the building data.
- 4.1.1 Fixed prox data
- 4.1.2 Mobile prox data
- 4.2 Describe up to five of the most interesting patterns that appear in the building data. Describe what is notable about the pattern and explain its possible significance.
- 4.3 Describe up to five notable anomalies or unusual events you see in the data. Prioritize those issue that are most likely to represent a danger or a serious issue for building operations.
- 4.4 Describe up to three observed relationships between the proximity card data and building data elements. If you find a causal relationship, describe your discovered cause and effect, the evidence you found the support it, and your level of confidence in your assessment of the relationship.

5 Discussion

References