

# Visualization Term Project

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# 1 Introduction

## 2 Materials

### 2.1 Building Layout

#### 2.1.1 Basic

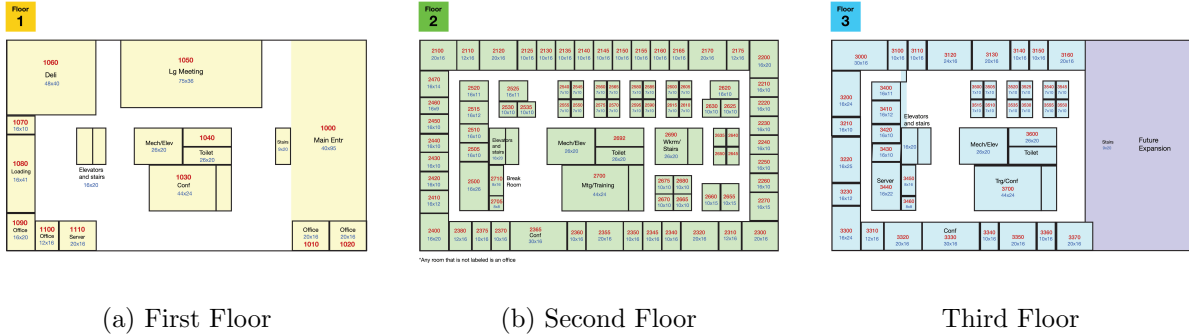


Figure 1: Main Layout of the building

The main layout of this building is as figure 1.

## 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