

FIRE ALARM SYSTEM AUTOPLACEMENT SOFTWARE



THE FIRE EXTINGUIHERS



ABOUT THE PROJECT

MOTIVATION

- Improve the safety and reliability of fire alarm systems by reducing potential human errors.

PROBLEM

- Human errors can result in the violation of the National Building Code and ULC Installation Requirements of Fire Alarm System Components

SOLUTION

- A Revit plugin that automates the design process of fire alarm systems in different building types.
- Follow rules set by the National Building Code (NBC) as well as other relevant documents.

KEY FEATURES

1. Automation
2. Efficiency
3. Speed
4. Error-Handling

Team Members

- Ahmed Elmalawany - Project Manager
- Oliseh Chukwuma - Software Lead
- Yonghe Xu - Design Lead
- Rezoan Ahmed - Member

Supporting Staff

- Dr. Yves Pauchard - Technical Advisor
- Greg Pink - Company Representative

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