

## **School Security System**

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## **Objective**

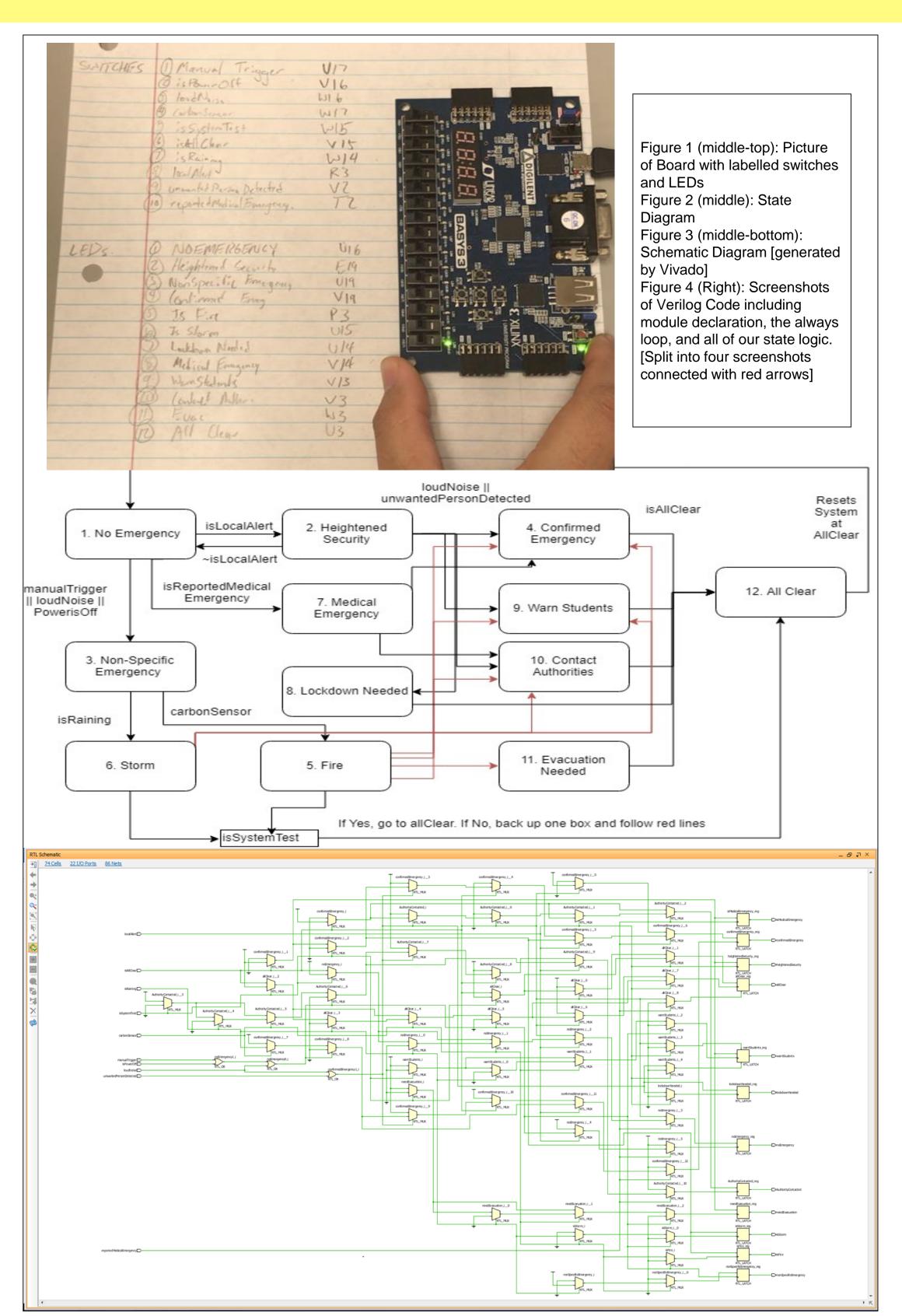
• A system is designed that is there to regulate the school system and provides automated assistance to both the school and other external services with regards to security and weather.

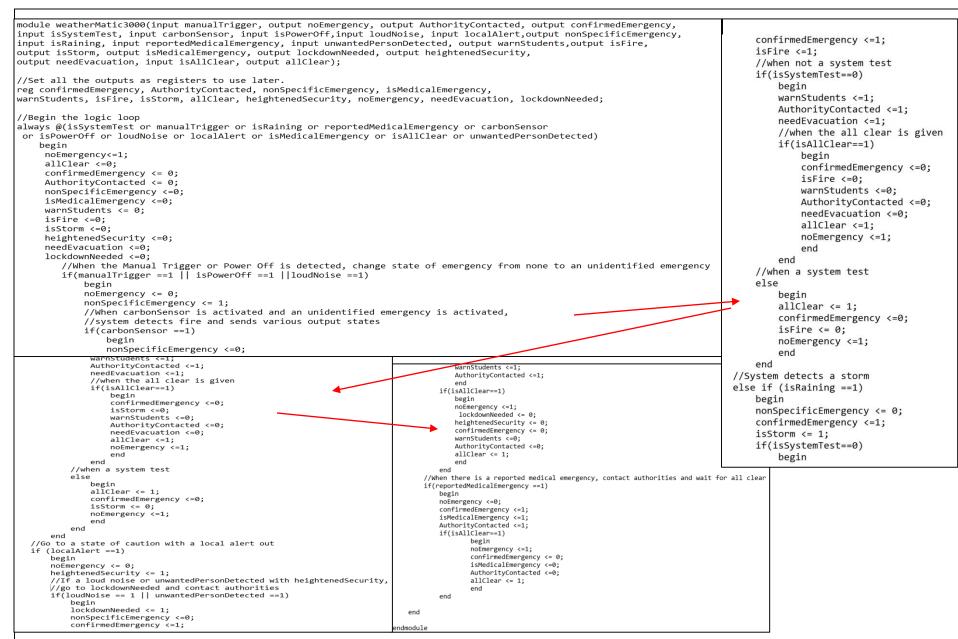
# **Project Goals**

 Creating a functioning code, and Designing a functional system using Verilog and FPGA boards to stimulate a real-world solution

# Methodology

- Sources were used to collect information on what the system would contain (security services and school officials) and was then designed with automatic inputs to move to whatever required stages any situation would need.
- Contacted Experts in the associated field of school safety





#### Results

• The system reacts how it was programed with each stages functioning properly stimulating a automated assistance with respect to weather and security

#### Conclusions

- While currently installing all these systems currently seems impractical due to existing school budgets it would be a great assistance to schools.
- The idea is completely doable with current technology; however, in practicality, current systems are manageable, but not ideal.



