Evacuation management system.

1. **Overview**

This is a hypothetical project of an evacuation management system that will help residents escape a natural or unnatural disaster . The system aims to help the evacuees with efficient conduct of escape routes and shelter while away from their homes. It also aims to keep track of previous disasters and their evacuation .

1. **Purpose**

Identify scenarios or conditions that could occur and that would require an evacuation (including an evacuation of only some of your residents, individuals, or clients).

Keep track of evacuation routes and shelter sites

Keep a track of supplies and equipment

1. **Scope of Work**

Can be applied to cities and small towns.

Can further be expanded to districts in case of a major disaster

For the safety of citizens and efficient management of resources in times of need

1. **Current Situation**

This model or a variation of this system is currently being used in various states.

Can be implemented in many more places with poor access to resources and lack of health care.

1. **Proposed Work**

This model is suitable to manage supplies and the evacuation of citizens of a particular city or town to a safer shelter.

1. **Hardware and software req**

Can be built using existing programming languages and tools or frameworks .

1. **Assumptions Dependencies and Constraints**

This assumes a perfect working environment and no bugs in the system.