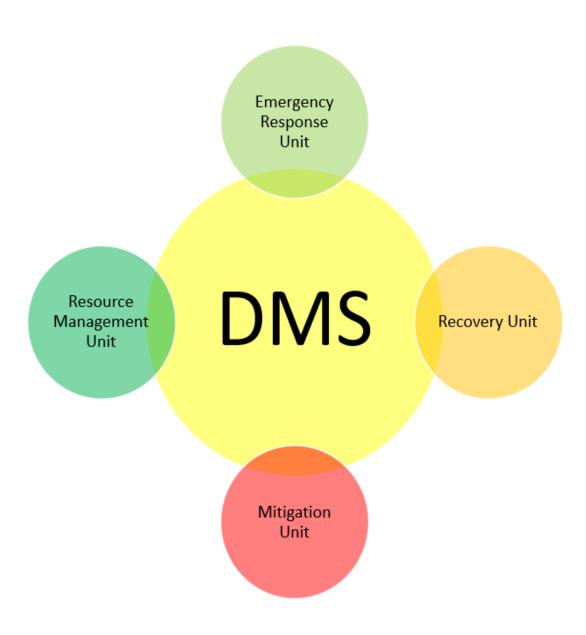
INFO 5100 Application Engineering and Development



Disaster Management Project

Team No 19

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Problem Statement

What is Disaster Management System?

Disaster Management can be defined as dealing and management of resources and sharing responsibilities during a natural emergency. It involves preparing, re-building, and supporting the communities during after a natural disaster.

There are different disaster occurring around the globe and each calamity has a structured recovery and prevention plan as per the required scenarios.

The phases for a Disaster Management system could be defined as:

- Prevention
- Preparedness
- Mitigation
- Response
- Recovery

The actions taken to contain specify disaster varies depending on the hazard and the severity of the situation, but the main aim of the disaster management is to reduce, avoid the potential losses, provide immediate and effective assistance to the victims of the disasters, and provide focus in achieving recovery and re-development of the lost assets.

Effective Disaster Management System could be designed when individuals are educated in designing a proper system and prepared and made aware but its implications and disastrous effects. Efficient support and funding providing by government and individuals can contribute to creating an effective recovery system for the victims and providing them with normalcy.

These are numerous organizations involved in creating an effective ecosystem some of them are- Federal Emergency Management Agency (FEMA), Environment Protection Agency (NPA), Federal Bureau of Investigation (FBI) etc.

Object Model Diagram

