



DISASTER RELIEF MANAGEMENT

GROUP MEMBERS:

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AIM AND OBJECTIVES:

The aim is to manage the disaster relief work efficiently by putting a well-coordinated and integrated response in affected areas.

To strengthen coordination between humanitarian organizations and coalition with the disaster management authority for well organized transmission of relief products and services in affected areas.

INSPIRATION:

Recent flood in Pakistan 2022

STAKEHOLDERS:

- ✓ PDMA(Controlling body)
- ✓ ORGANIZATIONS

FUNCTIONALITIES:

- PDMA WILL MANAGE ORGANIZATIONS
 - Add organizations
 - Remove Organizations
- PDMA will create disaster with respect to type in the system
- PDMA WILL PERFORM OPERATIONS ON THE REQUIRED DATA
 - Add or remove affected areas
 - Add or remove relief products
 - Add or remove relief services
 - Update satus of products
- PDMA can Monitor relief work progress
- PDMA can view area wise product distribution
- PDMA can also identify the severity of disaster in areas
- PDMA can view organizations relief work
- PDMA can view product or services wise data with respect to affected areas
- Organizations will make registration request
- Organizations can update their profile

- Organizations will update the products record with respect to areas they are committing
- Organizations can view the area wise products requirements
- Organizations can update the services record they are providing
- Organizations can view area wise products progress to identify needed products
- Organizations can also view each other progress

Technologies:

Html,css,javascript(backend) for frontend, object oriented language and oracle dbms as backend