**Disaster Alert System - Requirements Engineer Report**

**Project Name:** Disaster Alert System  
**Team Role:** Requirements Engineer  
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**Date:** 2 February 2025

**1. Introduction**

As the Requirements Engineer for the Disaster Management System, I have contributed by defining and documenting system requirements and ensuring clarity in project scope. This document serves as proof of my work.

**2. Requirement Specification Document**

**2.1 Project Overview**

The Disaster Management System is designed to send email alerts to users based on their location when a disaster occurs. The system takes input for the affected location and notifies registered users via email.

**2.2 Functional Requirements**

* Users should be able to register their email and location.
* The system should allow sending alerts to users in specific locations.
* Email notifications should include disaster details.
* The system should validate location inputs before sending alerts.

**2.3 Non-Functional Requirements**

* The system should ensure secure email transmission.
* It should process alerts in real-time with minimal delays.
* The email service should be reliable with error handling.

**2.4 Use Case**

**Actors:** System Administrator, Registered Users  
**Scenario:** When a disaster is reported, the system sends alerts to users in the affected location.

**3. Conclusion**

This document summarizes my contributions as the Requirements Engineer for the Disaster Alert System. My role focused on requirement specification and documentation to ensure a well-defined and functional system.

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Requirements Engineer  
2 February 2025