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Abstract

This project we are purposing is focused in providing a web-platform for the funding distribution in the case of natural calamities such as earthquake, flooding, landslide and other disasters. We know every year we face a lot of natural calamities and people are in need of help of lot of things. We see a lot of generous people and companies helping in all kind of disaster but we see this funding is always not effective and evenly distributed as people are receiving the same kind of help while on the other hand there are shortage of most needed things

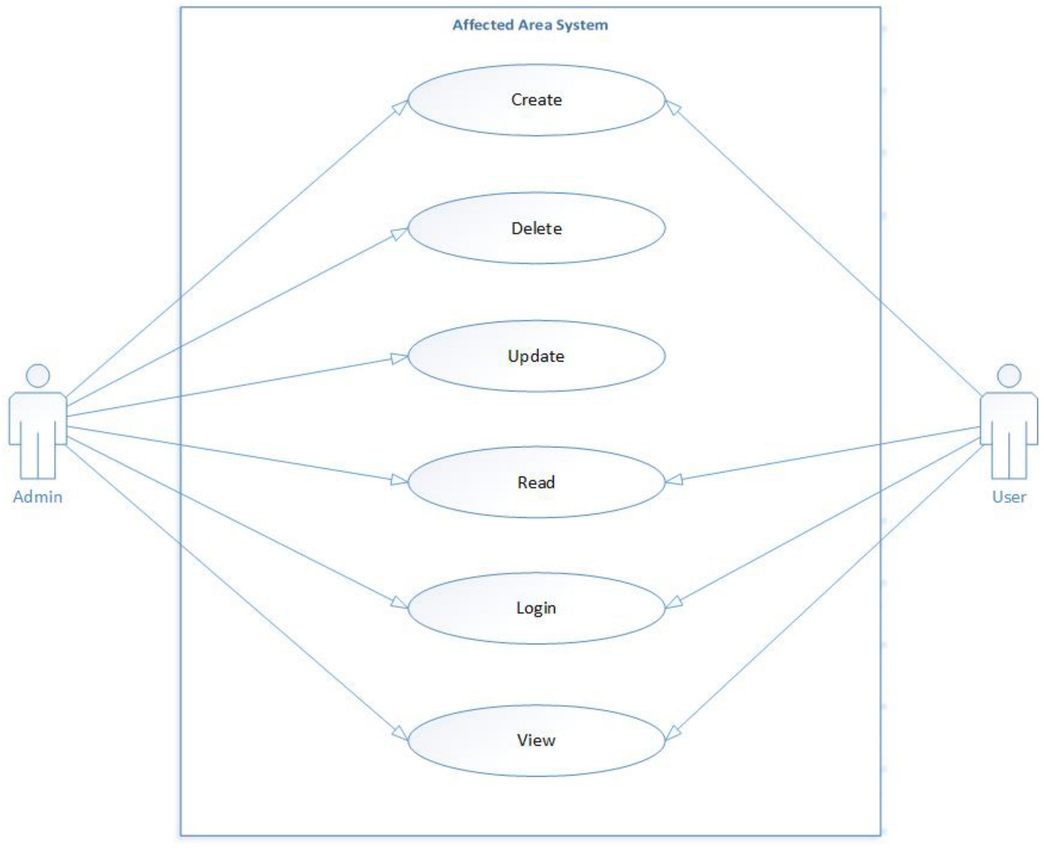
Introduction

Relief Distribution Management System can be considered as the platform for helping the people in the affected areas in a systematic way. In this project, we provide web based platform for collecting the funds, distributing the needed things and many more. It is a web based application consisting of web pages, images and other digital assets that is hosted on one or several web servers. Website pages can usually be accessed from a common root URL. The hyperlinks between pages control the overall structure and flow of traffic between the different part of the sites. It follows three tier architecture

Tools

Advanced JavaScript
NodeJS
HTML5
Express Framework
Web Socket
MySQL

USE CASE



Future Work

Automation of the entire system to improve the efficiency
A friendly GUI which proves to be better compared to the existing system
Appropriate access to the authorized users depending on their permissions
Overcoming the delay in communications
Simplicity in updating of information
Syste security, data security and reliability to be added

Limitation

The link between service and service provider
Project user access credentials
Discussion forum section implementation is not properly maintained
User interface for each module is not relevant

Conclusion

This project will provide the platform for the users who are willing to help in the disaster areas. This project could be a good platform where people can share their services and could help with the much needed help in the affected areas. Looking at the current scenario in the world we have been facing a lots of problem from climate change, refugee, earthquake, flood, war and economic crisis etc. Implementation of this project could be great for the human kind where human helps human to create .better society and better relief distribution system