
PROJECT TOPIC: SAARTHI 2.0 (Natural Disaster Website)

Project Group Members:

1. Vinay Kumar (Sec-Roll No. : 44 / Univ Roll No. : 181500793)
 2. Yash Mathur (Sec-Roll No. 48 : / Univ Roll No. : 181500825)
 3. Rachit (Sec-Roll No. : 41/ Univ Roll No. : 181500523)
-

About the Project

Introduction: This project is based on how an effective natural disaster website will help us. It is based on a natural disaster website with front-end only that can help one to learn useful life saving techniques while natural calamities. This website contains highlights of some natural disasters along with high quality photography. This website is also able to generate funds for disaster affected areas.

Problem Statement: People all over the world are less trained regarding natural disasters. People often find it difficult to search for the best places. To address the issue, we adopt the natural disaster website which will offer best techniques and advises that a victim can use to save his life in the situation and able to generate funds.

Motivation: Natural disasters in India, cause massive losses of life and property. More than two thousand human lives were lost due to natural extreme events. Seeing this situation, we cannot stop these natural calamities but what we can do is to help victims of these natural events. This website is a small medium to help those victims by generating funds for the same. This website also prepares the person so that he can fight with these situations if suddenly any of this situation occurs by providing video lectures and stories of past victims.

Resources Used: The Technologies that we are using in this project :-

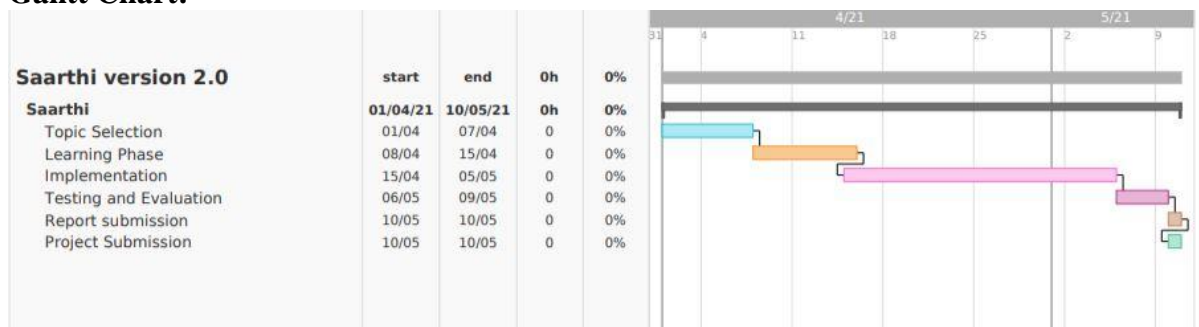
- Handlebars
- ExpressJS
- MongoDB
- ReactJS
- Nodejs

Limitation: in terms of response website is not able to handle lots of traffic features are limited.

Working Methodology

Project Planning: The given chart describes the duration of each task of the project from 1st April 2021 to 10th May, 2021. We will complete our implementation and all testing to the first week May

Gantt Chart:



Tools required:

- **Hardware Requirements:** Processor : 1.0 GHz
Storage : 10 GB
RAM : 2GB
- **Software Requirements:** VS Code Editor (or any other IDE) Chrome Browser (or any other Browser)

Conclusion: A complete layout of a natural disaster website is developed which specifically contains the information regarding ways to save ourselves while natural calamities. This is basically a improved and optimized version of Saarthi v1 we added mongodb for backend purpose and added world chat and Login and Signup Pages

Bibliography: We took help from internet, our teacher's notes and the notes provided by online training course.