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Assignment  
Goal: Fire safety. We had to make a project on fire safety including firefighters their vehicles stations, an active map, locations of active fires and other emergencies. The system also being capable of recording a firefighter’s information duty and other statuses. The task had to be done between 19.05.2025-11.06.2025 and the used languages had to be Java-Script and HTML/CSS.

Prime Fixture’s team

|  |  |  |
| --- | --- | --- |
| № | Name and class | Role |
| № 1 | Georgi Pavlov 9G | Scrum trainer |
| № 2 | Lyubomir Iliev 9V | Front-end developer |
| № 3 | Kaloyan Boychev 9B | Back-end developer |
| № 4 | Viktor Nikov 9A | Designer |

Project description

|  |  |
| --- | --- |
| № | Stages of development |
| 1 | Team and roles First we made up the team and assigned each person a role corresponding to their abilities. |
| 2 | Creation of the idea We had a discussion and brainstormed ideas and decided on how it should look and function. |
| 3 | Development We made slow but steady progress until the eventual first functional build which was then improved further upon. |
| 4 | Debugging and polishing When we had a version we were happy with we made slight adjustments and removed any bugs to make it even better. |

Map of the site

# Summary

Prime Fixture is a firefighter-focused emergency management website. It features incident tracking with detailed maps, team member management with status controls, notification handling with filters, and data analytics using charts. The site offers user authentication, profile settings, and a sidebar navigation with a clean, responsive design .Technologies include HTML, CSS, JavaScript, Leaflet for maps, and Chart.js for data visualization.

# Development opportunity

**Advanced Analytics:**

Use machine learning to predict incident trends and response times.

**Collaboration Tools:**

Add chat or video conferencing features for team communication.

**Resource Management:**

Track equipment availability and maintenance schedules.

**User Feedback System:**

Implement a feedback mechanism for user suggestions and issues.

**Customizable Dashboards:**

Allow users to personalize their dashboards with relevant widgets.

**Integration with Other Systems:**

Connect with other emergency management systems via APIs.

**Training Modules:**

Develop training resources or simulations for emergency response practice.