Content management feature for MITS webpage

Project proposal

What is MITS?

The Student Society of Mathematics and Informatics (Matemaatika-Informaatika Tudengiselts) is an organization uniting students from different computer science and mathematics courses. The goal of the organization is to give new exciting opportunities and activities to the students of these fields so that their university life would be more than just studying. Over two years we have organized over a hundred events with a motivated team of ~40 members and are ever-growing on the academic scene.

Problem

Currently, there is an existing webpage for our organization (mits.ee), which gives an overview of our members, activities and the mentorship programme. However, this information usually changes in its entirety every 6 months or so, sometimes even faster. This includes informational text, pictures of members and the list of events, which have to be constantly updated.

To make these updates incrementally is cumbersome, as the changes have to be made usually with a pull request via Github, where there is no continuous integration, meaning that these changes have to be uploaded manually. As the information on the page is prone to being outdated and manual updating takes time (usually through multiple people), it is hard to keep the page constantly up to date.

Potential solution

A potential solution for this problem would be to implement an administrative view for the entire site, where changes can be made on the fly and by a single person. This includes options to add/change events, text fields, pictures and potentially even CSS variables. Another option would be to convert the website to a WordPress-like application, which would enable easier scaling for the future.

We would expect the members of the team to have some experience with HTML and JavaScript. Experience with WordPress is a bonus, as it would give insight to other potential solutions for this problem.

The source code for the web-page is available [here](#), to give an overview of what the team would be working with.

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