

# U.Porto Yellow Pages

## Capstone Project - L.EIC

This project, accompanied by UPdigital/U.Porto, aimed to address a significant problem within the U.Porto community: the lack of a centralized platform that displays all the events and services offered by or at U.Porto.

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### Objectives and expected results

- ◆ Develop a portal accessible to all users, whether registered or not, that shows all the services and events available at U.Porto;
- ◆ Create a system that allows registered users to make requests of an event or to a service. The users should be able to see the list and state of their previous requests;
- ◆ Create appropriate forms for each of the services with their specific needs, such as virtual machine requests, website creation, grid access, and others. This will simplify and speed up the request process, making sure that the users only provide the necessary information for the service they want

### Methodology used

**Iterative development** was the approach taken, with sprints lasting 2 weeks and weekly follow-up meetings.

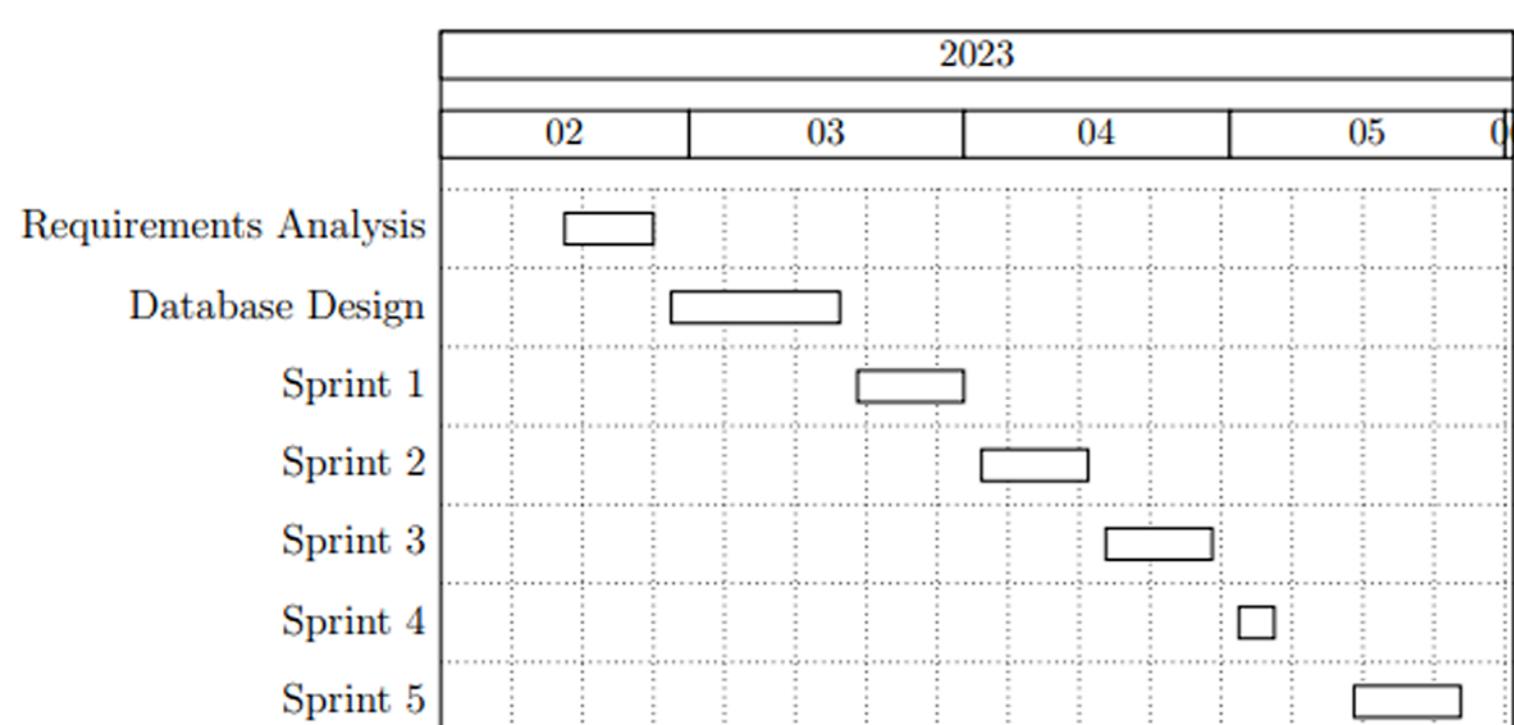


Figure 1: Project Gantt Diagram

### Architecture and technologies

**Back-end:** Laravel and PostgreSQL;

**Front-end:** Bootstrap;

In order to have a better view of the system architecture and which technologies best fit the problem, we built four different diagrams: **actors diagram**, a **sitemap**, a **class diagram**, and a **wireframe**.

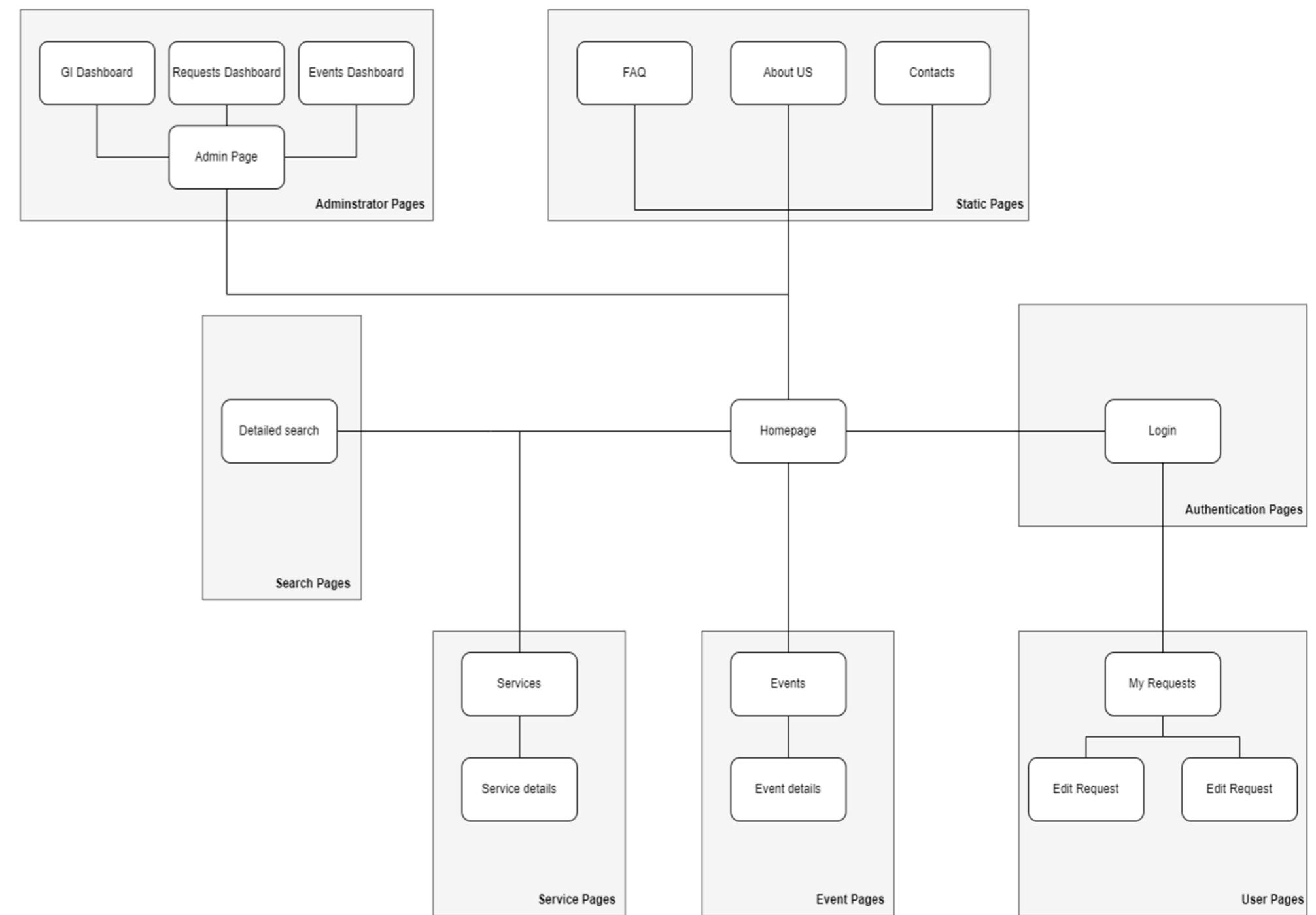


Figure 2: Sitemap

### Conclusions

In the end, we were successful in doing most of the requirements. The developed platform successfully provides a comprehensive view of services and events within the U.Porto community. Users can easily access information on various services and stay informed about upcoming events.

The regular meetings with the stakeholders provided valuable feedback with the development of the platform helping us ensure that we did was on par with what they wanted.

Although we accomplished a lot in this project, there still are opportunities for future work and improvements. Future work includes addressing the requirements that we couldn't complete, like being able to see the past versions of an event and optimizing the database.



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