



deti universidade de aveiro
departamento de electrónica,
telecomunicações e informática

APOIO AO SERVIÇO DOCENTE

DISSERTATIONS MADE SIMPLE



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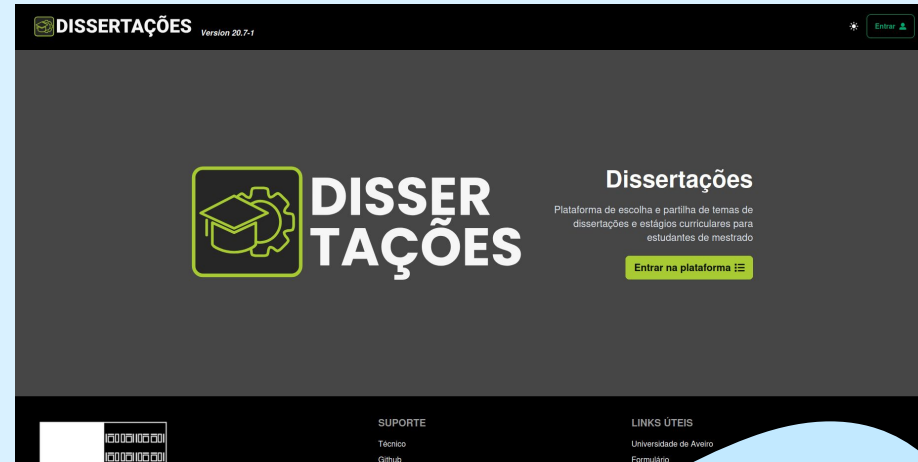
Abel Teixeira - 113655

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PROJECT CONTEXT

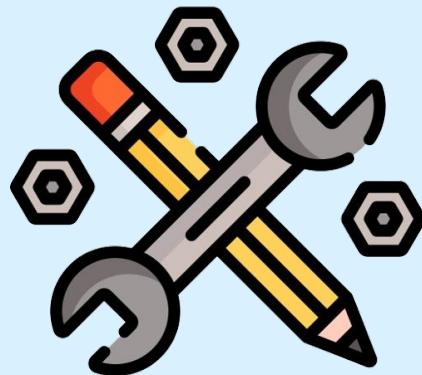
Our project is based on the continued development of an application that can be used by the university's MSc students to select the topics for their dissertations, projects and internships. It will also be used by supervising professors, who will be able to view the dissertations internships and projects they oversee and assign them to students.

Current platform available at:
dissertacoes.av.it.pt



STATE-OF-ART

- This platform, available at dissertacoes.av.it.pt, was created to replace an older platform but remains unfinished;
- The application still has many functionalities that have not been implemented;
- The system has some bugs and other issues;
- The application could have UI improvements;
- Facilitate the bureaucracy of the submission process;
- Automatic creation of minutes.



REQUIREMENTS ELICITATION



WORKFLOW

The workflow of the end-users (students, professors and course directors) must be similar to the previous platform.



ANALYSIS

The submission process is defined by DETI on the website:

<https://www.ua.pt/pt/deti/page/7976>



INTERVIEW

The requirements were determined by interviewing our supervisor and system administrator, professor Diogo Gomes.



MAINTAINABILITY

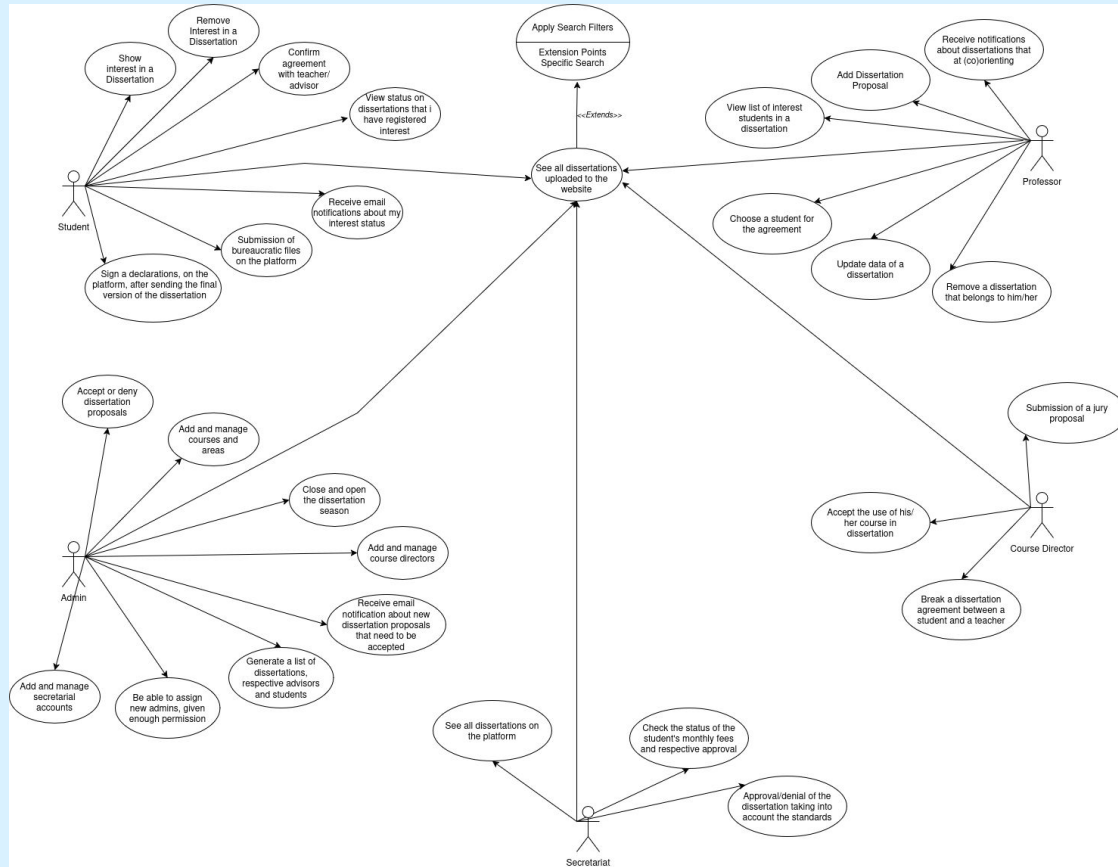
The most important requirement is to preserve the existing of the maintainability, performance and documentation of the new platform.

ACTORS

- **Students**
- **Professors**
- **Admin**
- **Course Director**
- **Secretary**



USE CASES





FUNCTIONAL REQUIREMENTS



**Dissertation
Management**



Search Functionality



Notification System



Workflow Automation



User Authentication



User Management



NON-FUNCTIONAL REQUIREMENTS



Security



Availability and fault tolerance



Performance



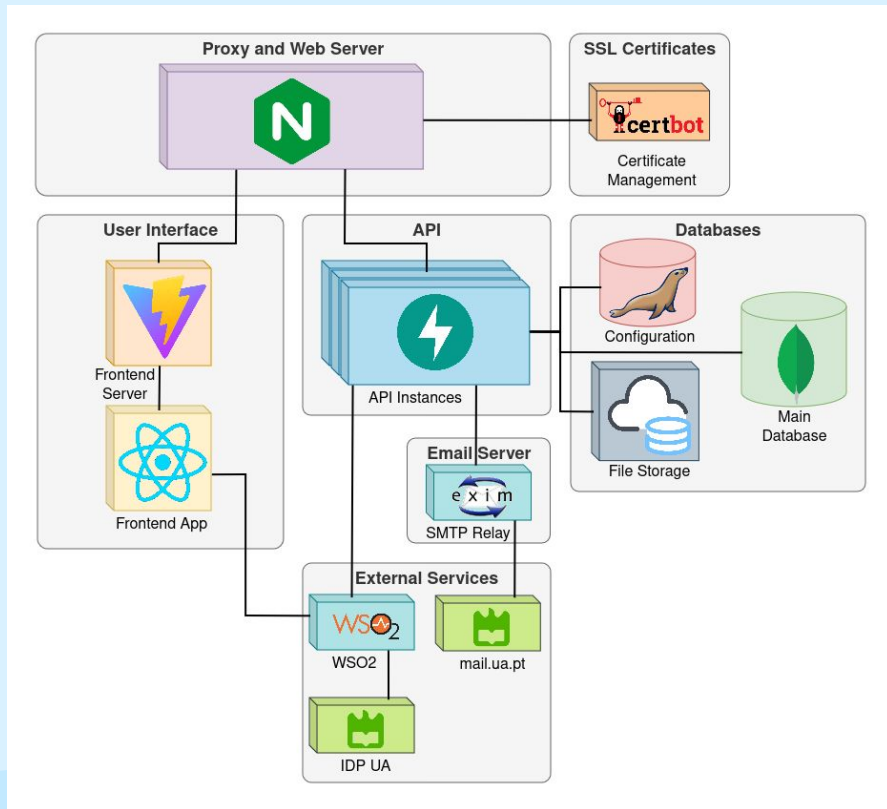
Maintainability




Scalability






SYSTEM ARCHITECTURE



DESIGN MOCKUPS

 **DISSERTAÇÕES**

Dissertações   Daniel [Sair](#) 

[<](#) **Submissão de Documentos**

20 de Fevereiro - Proposta Inicial

Submetido '6 horas 15 minutos' antes do prazo

Editar submissão

10 de Abril - Relatório de progresso

Submetido '4 horas 58 minutos' antes do prazo

Editar submissão


25 de Maio - Versão preliminar da dissertação

Submetido '3 horas 18 minutos' antes do prazo

Editar submissão

5 de Julho - Dissertação final

Submeter trabalho

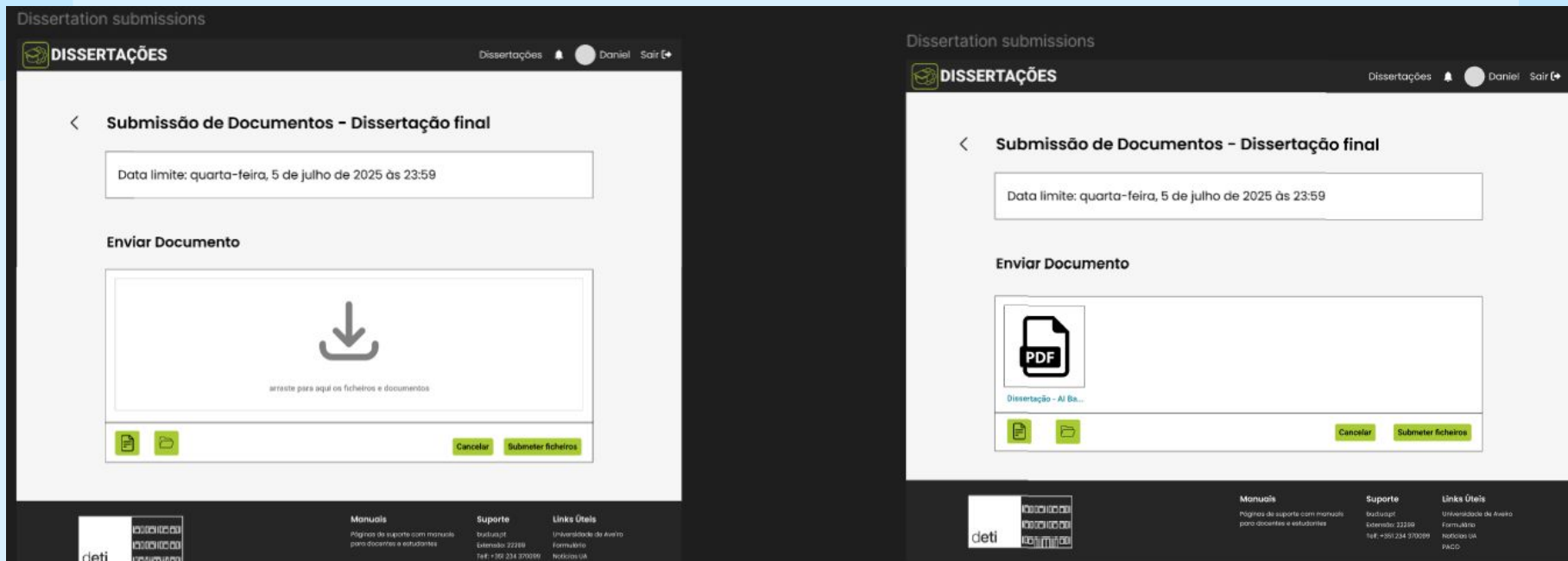


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DESIGN MOCKUPS











DESIGN MOCKUPS

 **DISSERTAÇÕES**

Dissertações

 Daniel [Sair](#) 

Título/Orientador		Área	Curso
UI Design principles and their effects in network traffic		<div>DES</div> <div>INF</div> <div>TEL</div>	<div>MEI</div> <div>MCTW</div>
 Prof. Josefino Calças	 Prof. Joana Saia		
Network ping in risk situations		<div>TEL</div>	<div>MEECT</div>
 Prof. Josefino Calças	 ---		
Porcupine: Visualization and Analysis of Multimodal Interaction		<div>INF</div>	<div>MEI</div>
 Prof. Jacinto Joaquim	 Prof. Diogo Custódio		

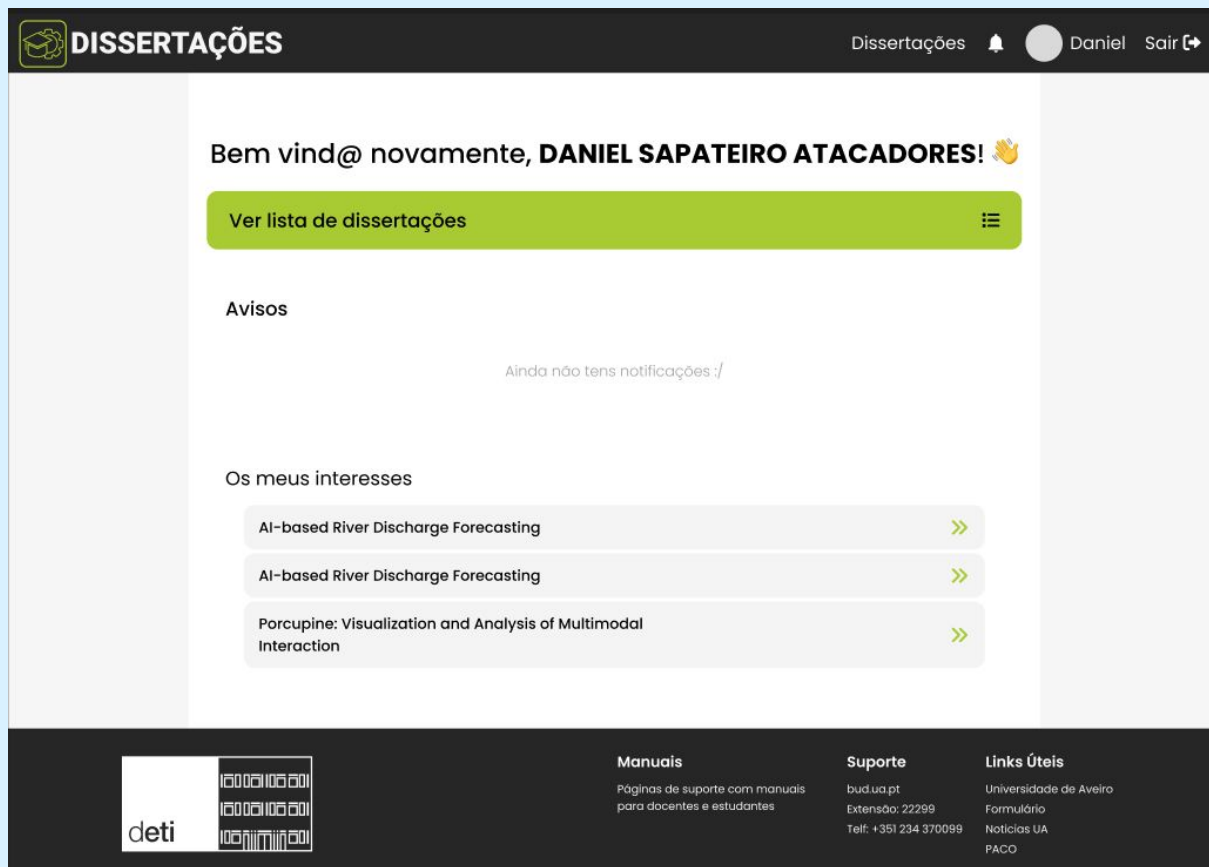


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THANKS!

Does anyone have any questions?

<https://pi-dissertacoes.github.io/>

