

Plataforma de Apoio ao Serviço Docente

Tutor: Diogo gomes (dgomes@ua.pt)

Group Size: 5

Description: The objective of this project is to overhaul the platform <http://sd.web.ua.pt> which is used by DETI to manage amongst other things the publicity and bidding process of dissertations in the MSc taught by DETI. The current platform is very old in both deployment and technologies used, leading to several untapped bugs and security issues. The new platform should provide a renewed interface and functionalities to assist both teachers and students in advertising and choosing their final dissertation projects.

Requirements:

- Students must extract requirements from the existing platform.
- The platform must follow strict rules for stability and documentation to enable support of the platform by future maintainers.
- The platform should provide means for better indexing and search of dissertations.
- The platform must provide a document workflow from submission, querying of questions/doubts, choice (mutual agreement) and final submission (secretariat at the conclusion of dissertation)
- The platform must be web based with API available for further extension/automation.
- The platform should be flexible enough to encompass MSc done with other departments, internships with companies and non trivial descriptions of the work assignments (new fields, requirements, etc)

Possible challenges:

- Dealing with a legacy platform and workflows
- Timely conclusion of the project
- Stable code base and documentation

Expected Results:

- User-friendly platform
- All of DETI will use this platform