Instituto Superior Técnico

Gestão de Projetos Informáticos

DM4iRetail – 5ª Entrega – 4 de Dezembro de 2015

Turno: 5ª 17h30 – Prof. Alberto Silva

Grupo 2

Tiago Nascimento, nº70493

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D5a

Product Backlog

Functional Requirements

- US2. (DM module) The system should support the configuration and management of the DM module, namely by allowing to manage the hierarchy of folders (namely reflecting both the Purchase and Invoices approval processes);
- US3. (DM module) The system should support the scan of documents, their upload in a folder and their register and classification;
- US4. (DM module) The system should support the browse of folders and documents, based on the previously defined hierarchy of folders;
- US5. (DM module) The system should support the search of documents, based on text search (keywords based).

Non Functional Requirements

- Verify the operations depending on the user permissions previously defined.

Sprint Backlog

Name: Sprint 1

Description: Implementation and Testing of the tools matching the requirements defined for the Document Management module.

Start/End: 18th December 2015 – 8th January 2016

Relation with the Gantt chart: The Sprint corresponds to the work package Sprint 1 in the Gantt chart, and the agile tasks will be performed in its child task Development sp1.

Resources:
Artur José Lourenço Fonseca – Team member
Tiago Miguel Pedro do Nascimento – Team member
BE Team Leader – Scrum Master

Agile tasks:

Sprint-1-US3-Implementation-Classification – Implementation of the classification tool of the DM module.

Sprint-1-US3-Implementation-Scan – Implementation of the scan tool of the DM module.

Sprint-1-US4-Implementation-Browse – Implementation of the folder and document browsing tools of the DM module.

Sprint-1-US5-Implementation-Search – Implementation of the document text searching tools of the DM module.

Sprint-1-US2-Implementation-Configuration – Implementation of the configuration tool of the DM module.

Sprint-1-US3-Implementation-Register – Implementation of the register tool of the DM module.

Sprint-1-US2-Implementation-Management – Implementation of the management tool of the DM module.

Sprint-1-US2-Tests – Unit and functionality testing for the configuration and management tools of the DM module.

Sprint-1-US3-Tests – Unit and functionality testing of the scanning, upload, registering and classification tools of the DM module.

Sprint-1-US4-Tests – Unit and functionality testing of the folder and document browsing tools of the DM module.

Sprint-1-US5-Tests – Unit and functionality testing of the document text searching tools of the DM module.

Sprint-1-US3-Implementation-Upload – Implementation of the upload tool of the DM module.

Improvements for the Triskell platform

- Allow us to set story points for each user story; when an agile tasks is resolved the remaining story points are decreased; Triskell should update its own burndown chart, so that at any time it should be possible to see the ratio between concluded and open stories, and have an estimate of the time it takes to finish all the stories in the sprint. when agile tasks from that story are resolved
- Integration with version control tools (e.g. GitHub): After a developer finished the code and committed to the master repository completing a task, Triskell would automatically mark that task as resolved; creating a task on Github would also create one on Triskell, and vise versa; the integration could be made for example linking the two accounts from Github and Triskell together.

Appendix

Not Started (13)

| Sprint-1-US5-Implementation-Search |
| 31/12/2015 - 05/01/2016   BE Team Leader |

| Sprint-1-US5-Tests |
| 06/01/2016 - 07/01/2016   BE Team Leader |

| Sprint-1-US2-Implementation-Configuration |
| 25/12/2015 - 30/12/2015   BE Team Leader |

| Sprint-1-US3-Implementation-Upload |
| 21/12/2015 - 24/12/2015   BE Team Leader |

| Sprint-1-US2-Tests |
| 05/01/2016 - 07/01/2016   Tiago Miguel Pedro do Nascimento |

| Sprint-1-US3-Tests |
| 31/12/2015 - 04/01/2016   Tiago Miguel Pedro do Nascimento |

| Sprint-1-US3-Implementation-Register |
| 21/12/2015 - 24/12/2015   Tiago Miguel Pedro do Nascimento |

| Sprint-1-US3-Implementation-Classification |
| 25/12/2015 - 30/12/2015   Tiago Miguel Pedro do Nascimento |

| Sprint-1-US3-Implementation-Scan |
| 21/12/2015 - 24/12/2015   Artur José Lourenço Fonseca |

| Sprint-1-US4-Implementation-Browse |
| 31/12/2015 - 05/01/2016   Artur José Lourenço Fonseca |

| Sprint-1-US4-Tests |
| 06/01/2016 - 07/01/2016   Artur José Lourenço Fonseca |

| Sprint-1-US2-Implementation-Management |
| 25/12/2015 - 30/12/2015   Artur José Lourenço Fonseca |

Nome de Tenant ▲	Dez 2015	
	21 Dez	28 Dez
Artur José Lourenço Fons...	Sprint-1-US3-Implementation-Scan	Sprint-1-US2-Implementation-Management
BE Team Leader	Sprint-1-US3-Implementation-Upload	Sprint-1-US2-Implementation-Configuration
Tiago Miguel Pedro do Na...	Sprint-1-US3-Implementation-Register	Sprint-1-US3-Implementation-Classification

Nome de Tenant ▲	Jan 2016	
	04 Jan	
Artur José Lourenço Fons...	Sprint-1-US4-Implementation-Browse	Sprint-1-US4-Tests
BE Team Leader	Sprint-1-US5-Implementation-Search	Sprint-1-US5-Tests
Tiago Miguel Pedro do Na...	Sprint-1-US3-Tests	Sprint-1-US2-Tests