**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

Artur Fonseca, nº 75456

Miguel Cruz, nº 76102

**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 manually increase the range of days seen in the Scrum board timeline; initially, we can only see days until the 3rd of January 2016, but our sprint implementation work will end on the 7th January; we have to add tasks until 3rd of January and reload the Scrum board to “unlock” more days, until the 31st of January.
* Give us more power over the management of the Agile tasks; after changing a task from Not-active to Active, we cannot change it back to Active; after changing a task from Active to Closed (resolved or not resolved), we cannot change it back; this results in not being able to correct mistakes, so we have to make new tasks; We also can’t delete old tasks which are no longer useful, if we make a mistake on them.

**Appendix**



