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| Team 2 |
| Document Management Process |
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| Carla Machado  23-02-2013 |

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| --- | --- | --- | --- |
| **Authors and Contributors** | | | |
| **Date** | **Name** | **Contacts** | **Contribution** |
| 23-02-2013 | Carla Machado | a21170460@alunos.isec.pt | Author |
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|  |  |  |  |

Table : List of Contribuitors

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Revision History** | | | | | |
| **Date** | **Description** | **Author** | **Version** | **Approvers** | **State** |
| 23-02-2013 | Creation of first draft | Carla Machado & Mário Oliveira | 0.1 |  | Draft |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
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Table : Version history

# Purpose

The objective of this document is the definition of the process of document management which purpose is to assure that all documents are available to all team members and also all stakeholders. Furthermore it assures that the latest versions are approved and accessible and that all changes are controlled and registered.

# Inputs and Outputs

In this chapter the inputs and the outputs of the document management process will be described.

# Inputs

The inputs of this process will be the necessity of creating a new document or updating an existing one.

# Outputs

The output of the process will be a baselined document.

# Activities

In this chapter the activities associated with this process will be described.

The main activities associated with this process will be the creation of new documents and the update of existing documents.

# Creating a new Document

To create new documents follow the following steps

* **New Document,** the team member that creates the document is the document owner and must:
  + create an Office document and edit its proprieties and fill 
    - Author
    - Title
    - State with the value Draft
    - Company
  + Update the heading with the version number 0.1
  + Fill the tables Authors and Contributors and also the Revision History
  + Add and commit the new document to the SVN repository in the folder Docs.
* **Edit**
  + The document is edited by the collaborators
  + Each collaborator adds its name to the Authors and Contributors and the adds to the Revision History table
  + Each collaborator does the commit of the changes that he made
* **Approve**
  + For the document to be approved it must be approved by, at least, two people.
    - In order to choose the approver take into to account the following hierarchy choosing the first two valid approvers
      * Librarian Manager
      * Quality Manager
      * Project Manager
      * Technical Manager
      * Other
    - In order for a approver to be valid he can´t be the Owner or Author
  + Each approver must add a comment to the Revision History table
* **If document is approved,** the owner must:
  + Update the Revision History table changing the document Version to 1.0 and the Sate to Baselined and also adding a baselined comment.
  + Update the document proprieties changing the State to Baselined
  + Update the headings to V1.0
  + Update Measures
  + Commits the baselined comment to the SVN folder

# Updating a Document

The updating of a document can be originated to update the content of the document or to make the document obsolete, change the state to Deprecated. The steps “**If document is approved”** and **“If document is deprecated”** are alternate paths for the activity.

In order to update an existing document the following steps must be executed:

* **Change Request ,** the team member that is requesting the document update must:
  + Get the approval of, at least, two people. The method used to get the approval can be by speaking with the approvers or using the Facebook group
    - In order to choose the approver take into to account the following hierarchy choosing the first two valid approvers
      * Document Owner
      * Librarian Manager
      * Quality Manager
      * Project Manager
      * Technical Manager
      * Other
    - In order for an approver to be valid he can´t be the team member proposing the document update
* **If Change Request is approved**
  + The document owner must update the document proprieties changing the State and also the headings changing the version to X.1. Furthermore a new entry in the Revision History changing the document version and state must be added.
  + The team member that proposes the change and the approvers each must add a new entry to the Revision History with a comment. If necessary they must also add their names to the Authors and Contributors table
* **Edit,** 
  + If the updating request is to turn the document deprecated, execute the step “**If document is deprecated**”
  + The document is edited by the collaborators
  + Each collaborator adds its name to the Authors and Contributors and the adds to the Revision History table
  + Each collaborator commits the changes that he made
* **Approve**
  + For the document to be approved it must be approved by, at least, two people.
    - In order to choose the approver take into to account the following hierarchy choosing the first two valid approvers
      * Document Owner
      * Librarian Manager
      * Quality Manager
      * Project Manager
      * Technical Manager
      * Other
    - In order for a approver to be valid he can´t be the team member that originated the document update
  + Each approver must add a comment to the Revision History table
* **If document is approved,** the owner must:
  + Update the Revision History table changing the document Version to X+1.0 and the Sate to Baselined and also adding a baselined comment.
  + Update the document proprieties changing the State to Baselined
  + Update the headings to VX+1.0
  + Update Measures
  + Commits the document to the SVN folder
* **If document is deprecated,** the owner must:
  + Update the Revision History table changing the Sate to Deprecated and also adding a comment.
  + Update the document proprieties changing the State to Deprecated
  + Update Measures
  + Commits the document to the SVN folder

# Tools

The documents will be created using Microsoft Office and saved in the Docs file in the team SVN repository.

# Related Processes

There are none existing processes related.

# Measures

The measures to take into account as far as documents are:

* The number of baselined documents
* The number of draft documents
* The number of deprecated documents
* The global change rate (Number of changes / number of baselined documents)