Process Execution Report

Created by: Team Member 1

Date: 13/04/18

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| Activity: | *Collect Team Information* |
| Team Member Responsible: | *Member 1* |
| Decisions: | *It was decided which members of the organization would participate during the re-engineering process.* |
| Difficulties: | *None* |
| Approximate Time Spent: | *30 minutes* |
| Obs: |  |

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| Activity: | *Assign Roles* |
| Team Member Responsible: | *Member 1* |
| Decisions: | *Here we decided that Member 1 would generate all artifacts of the re-engineering and member 2 would check them.* |
| Difficulties: |  |
| Approximate Time Spent: | *20 minutes* |
| Obs: |  |

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| Activity: | *Perform Documentation Analysis* |
| Team Member Responsible: | *Member 1* |
| Decisions: | *We decided to use only source code and requirements list as main inputs. We also created a list of domain constraints.* |
| Difficulties: | *We have some difficult creating the requirements because the organization did not had a updated version.* |
| Approximate Time Spent: | *2 hours* |
| Obs: | *Some documents from the product were not used because they were outdated.* |

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| Activity: | *Select Techniques* |
| Team Member Responsible: | *Member 1* |
| Decisions: | *We decided to use the Expert Driven Extraction because Member 2 is a specialist of the systems domain, being really important during the re-engineering process. We also used FCA because Member 1 had experience with the technique.* |
| Difficulties: | *We were in doubt about using some techniques because we could not be sure if they would increase the complexity of the feature retrieval.* |
| Approximate Time Spent: | *1 hour and 40 minutes* |
| Obs: |  |

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| Activity: | *Assemble Techniques* |
| Team Member Responsible: | *Member 1* |
| Decisions: | *The assemble was easy because the selected techniques were pretty different.* |
| Difficulties: | *None* |
| Approximate Time Spent: | *1 hour* |
| Obs: |  |

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| Activity: | *Assign Tasks* |
| Team Member Responsible: | *Member 1* |
| Decisions: | *As we have already decided during collect team information activity Member 1 would apply the techniques and Member 2 would check the generated artifacts looking for problems.* |
| Difficulties: | *None* |
| Approximate Time Spent: | *25 minutes* |
| Obs: |  |

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| Activity: | *Execute Assembled Process* |
| Team Member Responsible: | *Member 1* |
| Decisions: | *During the execution we re-apply some techniques because we found some problems. Member 2 also introduced new constraints to some features.* |
| Difficulties: |  |
| Approximate Time Spent: | *5 hours* |
| Obs: |  |