

AMIDST

Analysis of Masslve Data STreams

Requirement Engineering for a Small Project with Pre-Specified Scope

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- ① Introduction of the AMIDST Project
- ② Introduction to Requirement Engineering RE
- ③ Challenges with RE in the AMIDST project
- ④ The AMIDST RE process
- ⑤ Realization of the AMIDST RE process
- ⑥ Conclusion

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 - ▶ Verdande Technology
 - ▶ Daimler AG
 - ▶ Cajamar Cajas Rurales Unidas
 - ▶ Hugin Expert

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- ▶ Use case driven RE
 - ▶ Focus on functional requirements

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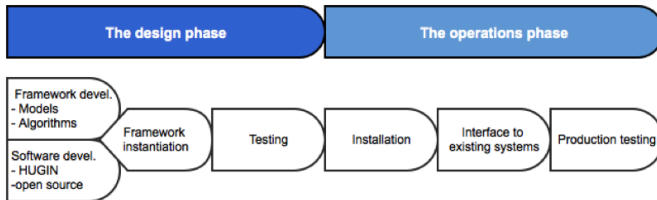
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- ▶ Potential refinement of project focus
 - ▶ Need to be transparent

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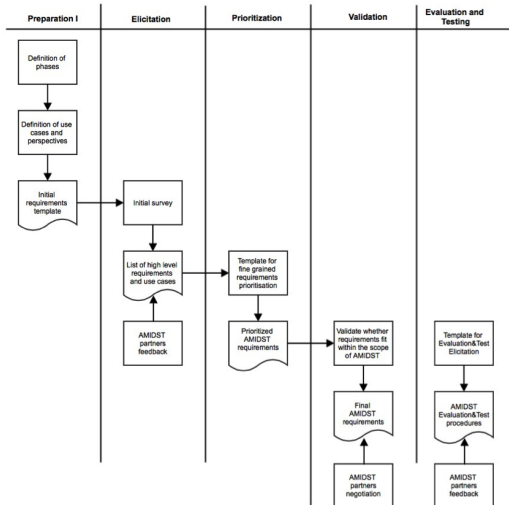
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The AMIDST RE process



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- ▶ Requirements
 - ▶ Linked to project phases
 - ▶ Linked to work packages
 - ▶ Prioritized in terms of must/should/could
 - ▶ Ranked in terms of importance

Req. ID.	Relevant subphase	Must/should/could	Points	Task
DAI.U5.D1	Framework devel. & instan.	Should	30	2.2
DAI.U5.D2	Framework devel. & instan.	Should	20	2.2
DAI.U5.D3	Framework devel.	Should	15	2.2
DAI.U5.D4	Framework devel.	Should	15	2.2
DAI.U5.D5	Framework instant.	Should	20	2.2
DAI.U7.D1	Framework devel.	Must	35	2.1
⋮	⋮	⋮	⋮	⋮

Table : Example of work package requirements table

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 1. Share the same characteristics
 2. Reuse the very idea of identifying challenges to steer the RE process

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