

Autonomous Power Management
Work Items List - Inception - Iteration 1 - Start of Iteration

Name / Description	Priority	Size estimate (Points)	State	Target iteration	Assigned To	Effort estimate left (hours)	Hours worked	Reference material
Tailor process for project	1	1	Done	Inception I	Process Engineer	0	1.5	Development Case
Set up versioning and continuous integration	3	1	N/A	Inception I	Developer	0	0	
Plan project and iteration	2	2	Done	Inception I	Project Manager	0	3	Iteration Plan, Project Plan, Work Items List, Risk List
Capture High-Impact Requirements	1	2	Done	Inception I	Analyst	0	1.5	System Goals Document, Glossary, Domain Model
Confirm MAS Adequacy	4	1	Done	Inception I	Analyst	0	2	
Maintain[Schedule]								
Complete basic design for all areas	1	1	Done	Inception I	Architect	0	1.5	
Do detailed design for all areas				Elaboration I	Architect			
Implement basic agent functionality				Elaboration I	Developer			
Implement agent interactions				Elaboration I	Developer			
Define and implement test cases				Elaboration I	Tester			
Deliver prototype capable of basic scheduling				Elaboration I	Developer			
Design Agent Organisation and System Architecture								
Complete basic design	2			Elaboration I	Architect			
Do detailed design				Elaboration I	Architect			
Select agent organisation paradigm	2			Elaboration I	Architect	0	1.5	Agent Organisation Structure
Specify self-organisation algorithm				Elaboration I	Architect			
Implement self-organisation algorithm				Elaboration II	Developer			
Define and implement test cases for SO-algorithm				Elaboration II	Tester			
Define system environment	3	1	Done	Inception I	Architect	0	0.5	
Define interfaces to external systems				Elaboration I	Developer			
Maintain[High-Quality Predictions Available]								
Complete basic design for all areas				Elaboration I	Architect			
Do detailed design for all areas				Elaboration II	Architect			
Define trust model for predictions				Elaboration I	Architect			
Implement basic agent functionality				Elaboration II	Developer			
Implement agent interactions				Elaboration II	Developer			
Define and implement test cases				Elaboration II	Tester			
Deliver prototype capable of using predictions in scheduling process				Elaboration II	Developer			
Maintain[Network Frequency]	Low							
Complete basic design for all areas				Elaboration II	Architect			
Do detailed design for all areas				Construction	Architect			
Implement basic agent functionality				Construction	Developer			
Implement agent interactions				Construction	Developer			
Define and implement test cases				Construction	Tester			
Deliver prototype capable of full scheduling and stabilisation of network frequency				Construction	Developer			
Define Deployment Plan				Construction	Deployment Engineer			
Finalise Deployment Plan				Transition I	Deployment Engineer			
Define, implement, and run system tests				Construction	Tester			
Deploy System				Transition I	Deployment Engineer			
Prepare System Documentation and Training Material				Construction	Developer			
Provide System Documentation and Training Material				Transition I	Project Manager			
Assess Inception I	5	1	Done	Inception I	Project Manager	0	0.5	Iteration Plan
Assess Elaboration I				Elaboration I	Project Manager			
Assess Elaboration II				Elaboration II	Project Manager			
Assess Construction I				Construction	Project Manager			
Assess Transition I				Transition I	Project Manager			