Team Decided – Raft Consensus

Inception Iteration Plan 10 - Starting 06/08/2018

1. Key Milestones

Milestone	Date
Iteration Start	20/08/2018
Dynamic Cluster Membership (nodes coming and leaving from cluster, cluster expanding/shrinking with more/less nodes) and Designate UAS	20/08/2018
Achieving complete unit testing coverage of existing code base	20/08/2018
Add option for persistent storage of log records	20/08/2018
Iteration End	20/08/2018

2. High-level Objectives

ID	Objective	Date
1	Dynamic Cluster Membership (nodes coming and leaving from cluster, cluster expanding/shrinking with more/less nodes) and Designate UAS	20/08/2018
2	Achieving complete unit testing coverage of existing code base	20/08/2018
3	Add option for persistent storage of log records	20/08/2018

3. Evaluation Criteria

Obj. ID	Evaluation Criteria
1	Create ability to have Dynamic Cluster Membership (nodes coming and leaving from cluster, cluster expanding/shrinking with more/less nodes) and Designating a UAS
2	Complete the rest of the full coverage unit testing required
3	Add ability to optionally use persistent storage for log entries

4. Work Item Assignments

State:
C – Complete
P – In Progress
W – Waiting to start

Work ID	Name or keywords	Outcome	State	Assigned to	Est (hrs)	Act (hrs)	Left (hrs)
1	Dynamic Cluster Membership (nodes coming and leaving from cluster, cluster expanding/shrinking with more/less nodes) and Designate UAS	Not yet started	W	Joshua	40:00		
2	Achieving complete unit testing coverage of existing code base	Refactoring complete, currently tracking down bugs which	P	Sean	5:00		
3	Add option for persistent storage of log records	Completed (coverage and testing of code base that isn't undergoing changes)	W	Joshua	10:00		
				Totals	**55:00**		

5. Issues

Issue	Status	Notes

6. Assessment

Assessment target	Inception Iteration 10	
Assessment date	20/08/2018	
Participants	All - Joshua and Sean	
Project status		
Assessment against objectives	**Objective**	**Result**
	Dynamic Cluster Membership (nodes coming and leaving from cluster, cluster expanding/shrinking with more/less nodes) and Designate UAS	
	Achieving complete unit testing coverage of existing code base	
	Add option for persistent storage of log records	