Team Decided – Raft Consensus

Iteration Plan 1 - Starting 28/02/2018

1. Key Milestones

Milestone	Date
Iteration Start	28/02/2018
Complete Phase 0: Preparation	
Iteration End	07/03/2018

2.   High-level Objectives

ID	Objective	Date
1	Confirm which language to write project in	04/03/2018
2	Confirm which tools to use	03/03/2018
3	Setup and test required tools	06/03/2018
4	Complete assessment one objectives	07/03/2018

3. Evaluation Criteria

Obj. ID	Evaluation Criteria
1	Agree on a language, backing up choice by research
2	Agree on suitable tools for project, backing up choices with research and existing skills
3	Setup required tools and confirm working through testing
4	Have both parties confirm work and make links to work available where required, commit to repository

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)
1.1	Research language	C#	C	Joshua	0:15	2:00	0:00
1.2	Discuss and confirm language	Agreed	C	Team	0:15	0:30	0:00
2.1	Agree on VC	Bitbucket/Git	C	Team	0:01	0:01	0:00
2.2	Agree on VC tool	SourceTree	C	Sean	0:01	0:10	0:00
2.3	Agree on IDE	VS Community 2017	C	Joshua	0:01	0:01	0:00
2.4	Agree on style guide	MS	C	Team	0:01	0:01	0:00
2.5	Agree on code review	Crucible	C	Team	0:10	0:10	0:00
2.6	Agree on diagramming tool	Visual Paradigm	C	Joshua	0:01	0:01	0:00
2.7	Agree on Document collaboration	Google Docs	C	Joshua	0:01	0:01	0:00

2.8	Agree on pair programming tool	VM hosted by Joshua	C	Joshua	2:00	2:30	0:00
3.1	Setup Bitbucket		C	Sean	0:30	0:30	0:00
3.2	Setup Source Tree		C	Sean	0:15	0:15	0:00
3.3	Setup IDE		C	Team	0:10	0:10	0:00
3.4	Setup Code Review	Hosted, VPN	C	Joshua	2:00	12:00	0:00
3.5	Setup Diagramming		C	Team	0:10	0:10	0:00
4.1	Update resume	Forum	C	Team	0:15	0:15	0:00
4.2	Create Team Charter	In VC	C	Team	1:00	1:30	0:00
4.3	Create Project Proposal	In VC	C	Joshua	1:00	2:00	0:00
4.4	Create Meeting Minutes	In VC	C	Team	0:30	1:00	0:00
				Totals	**8:36**	**23:15**	**0:00**

5. Issues

Issue	Status	Notes
Git commits author email issues	Complete	Commit authors in Bitbucket contained personal email data, re-wrote commit data in each branch with script, fixed git configuration to ensure consistency
Dynamic IP issues	Complete	Wrote a Windows Service which updates Route53 DNS records
VPN server issues	Complete	Debugged OpenVPN server, found issue was with bundled .ovpn file in .msi
Crucible database issues	Complete	Read logs, debugged issue down to MySQL server software itself on the CentOS VM, reinstalled it and resolved the issue

6. Assessment

Assessment target	Iteration 1	
Assessment date	07/03/2018	
Participants	All	
Project status	Green	
Assessment against objectives	**Objective**	**Result**
	Agree on a language, backing up choice by research	Confirmed language, evidenced
	Agree on suitable tools for project, backing up choices with research and existing skills	All tools confirmed, evidenced
	Setup required tools and confirm working through testing	All tools confirmed, and tested
	Have both parties confirm work and make links to work available where required, commit to repository	All documentation committed to version control
Work items	No work items were added	
Other concerns and deviations	Debugging Crucible and OpenVPN issues took longer than expected, not a recurring concern	