

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 | |