

Team Decided – Raft Consensus

Inception Iteration Plan 8 - Starting 11/07/2018

1. Key Milestones

Milestone	Date
Iteration Start	09/07/2018
Focusing on code quality/multithreading	22/07/2018
Redesign unit testing suite for further extensive verification of existing functionality	22/07/2018
Iteration End	22/07/2018

2. High-level Objectives

ID	Objective	Date
1	Focusing on code quality/multithreading	22/07/2018
2	Redesign unit testing suite for further extensive verification of existing functionality	22/07/2018

3. Evaluation Criteria

Obj. ID	Evaluation Criteria
1	Completed a full project code review and refactored where necessary to increase code quality/reliability. With a focus on multithreading.
2	Redesigned unit testing suite which better verifies existing functionality

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	Focusing on code quality/multithreading	Refactoring complete, currently tracking down bugs which	P	Joshua	20:00	20:00	5:00
2	Redesign unit testing suite for further extensive verification of existing functionality	Completed (coverage and testing of code base that isn't undergoing changes)	C	Sean	20:00	20:00	10:00
3	Create presentation for demonstration	Completed	C	Joshua	10:00	10:00	0:00
Totals					50:00	50:00	15:00

5. Issues

Issue	Status	Notes
Code coverage analysis during testing	Closed	Areas of code were identified as being difficult to cover within this phase. Small amounts of refactoring were required to better enable unit test specific code coverage.
Required to make a presentation	Closed	Took 10 hours of productivity away from working on the code, so we aren't as far as we'd like

6. Assessment

Assessment target	Inception Iteration 8	
Assessment date	25/07/2018	
Participants	All - Joshua and Sean	
Project status	Green - We're currently a bit behind on our deliverables for this iteration, primarily due to time constraints and distractions with presentation. But we've left plenty of time allowance in our project plan for this, so we'll handle the extra work next iteration	
Assessment against objectives	Objective	Result
	Focusing on code quality/multithreading	Finished refactoring, now just debugging issue with code changes
	Redesign unit testing suite for further extensive verification of existing functionality	Making good ground into testing and code coverage