Iteration 1 - Team 20

## Key milestones

|  |  |
| --- | --- |
| **Milestone** | **Date** |
| Iteration start | 03/08/2019 |
| Finalise guideline task specifics | 03/08/2019 |
| Complete first guideline refactoring task group Author/reviewer switch | 08/08/2019 |
| Complete review of code refactoring | 10/08/2019 |
| Complete mediation of code conflicts  post Merge review and quality check | 12/08/2019 |
| Complete successful build and version push | 12/08/2019 |
| Iteration stop | 12/08/2019 |

## High-level objectives

# Refactor code base to meet code style guidelines.

* 1. Complete successful branch build before each merge.
  2. Maintain helpful communications between team members and “management”.
  3. Ensure adequate review of refactored code to meet expected quality levels.
  4. Coordinate merge to master at the end of each iteration ???(rewording needed)

## Evaluation criteria

* 1. Individual = successful branch build
  2. Team = successful post merge build
  3. Outcome = successful version update

## Work Item assignments

* 1. The following Work Items will be addressed in this iteration:
  2. Noting that short duration items will be done in real time during team meetings.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Work Item ID** | **Name or key words of description** | **Outcome** | **State** | **Assigned to (name)** | **Hours worked** | **Estimated Hours** | **Estimate of hours remaining** |
| 1 | Refactor variable names | ALL variable names to meet code style guidelines and result in a successful branch build |  | Kenneth | 0 | 6 | 6 |
| 2 | Refactor method names | ALL method names to meet code style guidelines and result in a successful branch build |  | Hayley | 0 | 6 | 6 |
| 3 | Refactor class (and enum) names | ALL class (and enum) names to meet code style guidelines and result in a successful branch build |  | Hayley | 0 | 6 | 6 |
| 4 | Refactor constants | ALL constants names to meet code style guidelines and result in a successful branch build |  | Kenneth | 0 | 6 | 6 |
| 5 | Code review | Review team members code refactoring |  | Hayley/Kenneth | 0 | 4 | 4 |
| 6 | Build confirmation | Confirm team member code build. |  | Hayley/Kenneth | 0 | 0.1 (10 minutes) | 0.1 |
| 7 | Code merge | Merge all refactored code branches |  | Hayley/Kenneth | 0 | 0.1 | 0.1 |
| 8 | Conflict resolution | Review merged code base for conflicts and errors. |  | Hayley/Kenneth | 0 | 2 | 2 |
| 9 | Commit version to master | Update merged code base to new version. |  | Hayley/Kenneth | 0 | 0.1 | 0.1 |

## Issues

|  |  |  |
| --- | --- | --- |
| **Issue** | **Status** | **Notes** |
| Did not finalise Iteration at previous meeting | Fixed | Able to continue working on it before the due date. |
| Hayley did not initially have permission to access repo as Kenneth created. | Fixed | Added an extra half hour or so to workload as Hayley did not realise it was a permission issue. Issue was resolved immediately by Kenneth when contacted. (1st issue, repo had not been published to make it public) (2nd issue, Hayley had not been made a collaborator) |

## Assessment

|  |  |
| --- | --- |
| Assessment target | Complete refactoring of code base to style guidelines  ?\* Perform code review and quality assessment  ?\* Submit deliverables on time and to an acceptable standard |
| Assessment date | 23/08/2019 |
| Participants | Kenneth and Hayley |
| Project status | Incomplete |

## 

## Assessment against objectives

* 1. As this iteration plan covers past the date much of this will be submitted.
  2. The team will update the following iteration with details of the current date of submission.

## Work Items: Planned compared to actually completed

* 1. The work items that were due up until the 02/08/2019 have been completed.
  2. Other work items that have not been completed are due after the submission date of assessment item 1.
  3. We will review the items as they come into their deadlines and update the iterations as required (postponed, complete, incomplete, etc.).

## 

## Assessment against Evaluation Criteria Test results

* 1. Build times and dates will provide initial confirmation of task completion and successful achievement of evaluation criteria.
  2. Team reviews team member’s build and confirms initial build.
  3. Concurrent team version finalises and tests build before commiting version push.

## 

## Other concerns and deviations

* 1. Currently we believe we have addressed everything we can.

## Updates will be made to the following iterations.

* 1. That sounds pretty good. We may need to update things if we exceed dates or get things in early.