Resource Manager

Iteration Plan

# 1. Key milestones

|  |  |
| --- | --- |
| **Milestone** | **Date** |
| Iteration start | 1st April 2019 |
| Draft Project Plan Submitted and reviewed by team | 4 April 2019 |
| Technical competency demonstrator reviewed by team | 7 April 2019 |
| draft components of Master test plan prepared for review | 10 April 2019 |
| Inception Phase Project Status Assessment complete | 14 April 2019 |
| Iteration stop | 15th April 2019 |

# 2. High-level objectives

1. Project Plan submitted
2. Proof of concept working
3. Plan for test suite
4. Assessment of project status

# 3. Evaluation criteria

1. Project plan reviewed and submitted to version control
2. Technical competency demonstrator reviewed and submitted to version control
3. Master test plan reviewed and submitted to version control
4. Inception phase project status assessment reviewed and submitted to version control

# 4. Work Item assignments

The following Work Items will be addressed in this iteration:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Work Item ID** | **Name or key words of description** | **Outcome** | **State** | **Assigned to (name)** | **Estimated Hours** | **Hours worked** | **Estimate of hours remaining** |
| 1.1.1 | Prepare information for project plan | [Link](https://github.com/MatthewJuliusScott/ResourceManager/blob/master/Documentation/Project%20Plan.docx) |  | Jack, Aaron, Brodie,  Matt | .5  .5  .5  .5 | .5,  .5,  , |  |
| 1.1.2 | Draft of Project Plan | [Project Plan draft exists](https://github.com/MatthewJuliusScott/ResourceManager/blob/master/Documentation/Project%20Plan.docx) |  | Jack, Aaron, Brodie, Matt | 1.5,  1.5,  1.5,  1.5 | .5,  1,  , |  |
| 2.1 | Draft of Technical Competency Demonstrator | [Technical Competency Demonstrator](https://github.com/MatthewJuliusScott/ResourceManager/tree/master/resourcemanager) |  | Matt | 4 | 6 | 0 |
| 2.2 | Review and update technical Competency Demonstrator where necessary |  |  | Aaron,  Brodie,  Jack | 2,  2,  2 | 1,  ,  1, |  |
| 3.1 | Master test plan draft | [Complete](https://github.com/MatthewJuliusScott/ResourceManager/blob/master/Documentation/Master%20Test%20Plan.docx) |  | Aaron,  Brodie,  Jack,  Matt | .5,  .5,  .5,  .5 | .5,  ,  .5, |  |
| 3.2 | Master test plan management summary and objectives | [Complete](https://github.com/MatthewJuliusScott/ResourceManager/blob/master/Documentation/Master%20Test%20Plan.docx) |  | Aaron | 2 | 1.5, |  |
| 3.3 | Master test plan Test Strategy | [Complete](https://github.com/MatthewJuliusScott/ResourceManager/blob/master/Documentation/Master%20Test%20Plan.docx) |  | Matt | 2 | 2 | 0 |
| 3.4 | Master Test Plan Infrastructure | [Complete](https://github.com/MatthewJuliusScott/ResourceManager/blob/master/Documentation/Master%20Test%20Plan.docx) |  | Brodie | 2 | 1.5 | 0 |
| 3.5 | Master test plan Test Management | [Complete](https://github.com/MatthewJuliusScott/ResourceManager/blob/master/Documentation/Master%20Test%20Plan.docx) |  | Jack | 2 | 3 |  |
| 3.6 | Review Master test plan | [Complete](https://github.com/MatthewJuliusScott/ResourceManager/blob/master/Documentation/Master%20Test%20Plan.docx) |  | Aaron,  Matt,  Brodie,  Jack | 2,  2,  2,  2 |  |  |
| 3.7 | Finalised Master Test Plan submitted | [Complete](https://github.com/MatthewJuliusScott/ResourceManager/blob/master/Documentation/Master%20Test%20Plan.docx) |  | Jack | .5 |  |  |
| 4.1 | Inception Phase Project Status Assessment | [Complete](https://github.com/MatthewJuliusScott/ResourceManager/blob/master/Documentation/Inception%20Phase%20Status%20Assessment.docx) |  | Aaron, Jack, Brodie,  Matt | 1.5,  1.5,  1.5,  1.5 | ,  1,  , |  |
| 5.1 | Create Next Iteration Plan | [Complete](https://github.com/MatthewJuliusScott/ResourceManager/blob/master/Documentation/Iteration%20Plans/Iteration%20Plan3%2015-4-2019.docx) |  | Jack, Aaron, Brodie, Matt | 1.5,  1.5,  1.5,  1.5 | 1.5,  1.5,  1.5,  1.5 |  |
| 6.1 | Add all Required document links to LCOM Page | [links exist in LCOM](https://interact2.csu.edu.au/webapps/Bb-wiki-BB5c1c4db3261aa/wikiView?course_id=_37357_1&wiki_id=_23381_1&page_guid=554d00756cb148d4b2dcef70fcc35497) |  | Aaron | 0.5 | .5 |  |
| 7.1 | Fix identified issues in requirement module | [Complete](https://github.com/MatthewJuliusScott/ResourceManager/blob/master/Documentation/Requirements%20Model/Short%20Use%20Case%20Descriptions.docx) |  | Aaron | 2 | 1.5 |  |

# 5. Issues

[List any issues to be solved during the iteration. Update status when new issues are reported during the daily meetings]

|  |  |  |
| --- | --- | --- |
| **Issue** | **Status** | **Notes** |
|  |  |  |

# 6. Assessment

[Use this section for capturing and communicating results and actions from assessments, which are typically done at the end of each iteration. If you don’t do this, the team may not be able to improve the way they develop software.]

|  |  |
| --- | --- |
| Assessment target | Completion of LCOM |
| Assessment date | 15/4/2019 |
| Participants | Aaron, Brodie, Jack, Matthew |
| Project status | Green |

## Assessment against objectives

All objectives were addressed during the iteration plan.

## Work Items: Planned compared to actually completed

All work items planned were addressed during this period

## Assessment against Evaluation Criteria Test results

Competency demonstrator was well received after some minor difficulties getting the environment set up. Quiz completion was not 100% so we cannot confirm we are averting the main risk of making sure the team has the necessary skills. Master test plan was completed satisfactorily, but quite close to submission deadline, in future best to leave more room.

## Other concerns and deviations

Additional requirements work were done to further flesh out the scope of the project, as the scoping was identified.

Matt got stuck for a long time on Technical Competency demonstrator, mainly SpringWebMVC. He was sending back an integer ID form a form and asking the system to treat that as an Object that needs to be looked up by ID. Nearly gave up and wanted to switch technologies but﻿﻿﻿﻿﻿﻿﻿﻿﻿ worked out how to use a converter correctly. Started using Spring but switched to SpringBoot for automatic configuration, but wasn't necessary but kept it anyway as embedded tomcat and database proved to really simplify setup. Couldn't get Hibernate working correctly, worked out I needed to use JPA as well, as Hibernate is a specific implementation of JPA. In the end I was happy that each of the technologies would work and would meet requirements. Performs a few simple CRUD operations to make use of each of the technologies.