Resource Manager

Iteration Plan

# 1. Key milestones

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| --- | --- |
| **Milestone** | **Date** |
| Iteration Sync Meeting | 12/08 |
| All new implemented activities ready for testing | 23 August 2019 |
| Iteration End | 26 August 2019 |

# 2. High-level objectives

1. Notifications are implemented
2. System users can be appropriately created and removed

# 3. Evaluation criteria

1. users receive notifications
2. Managers can view organisational requirements

# 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 | Develop back end components for Request to join project | The back end supports a request to join a project | [Complete](https://github.com/MatthewJuliusScott/ResourceManager/commit/df18493e9dd74ac0a07a678e4638f45741f32731) | Aaron | 4 | 4 | 0 |
| 1.2 | Develop web page for request to join project | The front end can allow a user to request to join a project requires 1.1 | [@Aaron link](https://github.com/MatthewJuliusScott/ResourceManager/commit/df18493e9dd74ac0a07a678e4638f45741f32731)  [Complete](https://github.com/MatthewJuliusScott/ResourceManager/commit/0e7336f145a5369c89625c97a43ff89129dcb853) | Aaron  Jack | 2  4 | #  1 |  |
| 2.1 | Develop notification back end | The system supports notification of people | [Complete](https://github.com/MatthewJuliusScott/ResourceManager/commit/7f8eb61c4f594c20ea852f02b386bcd706cb0c0c) | Matthew | 4 | 2 | 0 |
| 2.2 | Implement a notification for a new project assignment | The resources know when they are assigned to a project: Requires 2.1 to be completed | In progress | Brodie | 2 | 0.5 | 1.5 |
| ~~2.3~~ | ~~Implement a notification for a double booking~~ | ~~Project managers and users know when there is resource contention. Requires 2.1 to be completed~~ | ~~This item has been discussed and cancelled requirement~~ | ~~Jack~~ | ~~2~~ | ~~0~~ | ~~2~~ |
| 2.4 | Develop test cases for notifications | Notifications code is tested against | [Complete](https://github.com/MatthewJuliusScott/ResourceManager/commit/e730b5e145a32f9db470a2acddc85a4ededeb81b) | Brodie | 2 | 2 | 0 |
| 3.1 | Implement update system users | Users who are in the system can have their details updated | [Complete](https://github.com/MatthewJuliusScott/ResourceManager/commit/2c24a7accfd608fc565a09b8a844ff9c01d83553) | Brodie | 3 | 2 | 0 |
| 4.1 | Write full use case description for view organisational requirements | The code can begin development | [Complete](https://github.com/MatthewJuliusScott/ResourceManager/commit/ba424c0d599655146ea444cb41f6b830aa2660ea) | Aaron | 3 | 2 | 0 |
| 4.2 | Develop wireframes for view organisational requirements | Requires 4.1 to be complete | [Complete](https://github.com/MatthewJuliusScott/ResourceManager/commit/ba424c0d599655146ea444cb41f6b830aa2660ea) | Aaron | 1 | 1 | 0 |
| 4.3 | Develop server code to support view organisational requirements | The Back end can support the view organisational requirements use case. Requires 4.1 and 4.2 to be completed before it can start | [Complete](https://github.com/MatthewJuliusScott/ResourceManager/commit/c5280db3b54cb60611c69e6d03ce4672ceabe5b5) | Matthew | 6 | 2 | 0 |
| 4.4 | Implement front end to support view organisational requirements | The front end can talk to the back end to ensure the use case is fully realised | [Complete](https://github.com/MatthewJuliusScott/ResourceManager/commit/c5280db3b54cb60611c69e6d03ce4672ceabe5b5) | Matthew | 3 | 2 | 0 |
| 4.5 | Develop test cases for View organisational requirements | The code can be tested. Requires 4.3 and 4.4 to be completed | [Complete](https://github.com/MatthewJuliusScott/ResourceManager/commit/78c3b1d4c336e74b60415d95a3a03fdfd49011d8) | Aaron | 3 |  |  |
| 5.1 | Completed Implementation of update project use case | Carried over from the last iteration. Allows the update project use case to be fully realised | [Complete](https://github.com/MatthewJuliusScott/ResourceManager/commit/d6285bbd9dbc1b05de2131097ae3c0df3f6bc29d) | Brodie | .5 | 0.5 | 0 |
| 5.2 | Complete implementation of Add system users | Adding users to the system is fully functional. | [Complete](https://github.com/MatthewJuliusScott/ResourceManager/commit/836b86b9a92053b7f3b28c42013f8b614bded870) | Jack | 4 | 4 | 0 |
| 5.3 | Complete implementation of remove system users | Removing users from the system is fully functional. | [Complete](https://github.com/MatthewJuliusScott/ResourceManager/commit/836b86b9a92053b7f3b28c42013f8b614bded870) | Jack | 4 | 4 | 0 |
| 5.4 | Complete implementation for view upcoming projects | Viewing upcoming projects in the system is fully functional. | [Complete](https://github.com/MatthewJuliusScott/ResourceManager/commit/0290b6f2a9f170f2a22c8b6ad16b05e9488e4002) | Aaron | 4 | 6 | 0 |
| 5.5 | Implement front end jsp for notifications | The user will be able to see any notifications addressed to them | [Complete](https://github.com/MatthewJuliusScott/ResourceManager/commit/116a85a6e369afe5f09a6e8d8b7d369cd88206e6) | Matthew | 1 | 1 | 0 |
| 5.6 | Link resources and user accounts | Resources will be able to login as users | [Complete](https://github.com/MatthewJuliusScott/ResourceManager/commit/dd70265afdd0a80aead01b5ed3790e84f32f1581) | Matthew | 1 | 1 | 0 |
| 5.7 | Create custom error pages | Users will see user friendly error messages when something goes wrong instead of stack traces | [Complete](https://github.com/MatthewJuliusScott/ResourceManager/commit/412defebfb2c0d972a0fc2af7f2266821aede11e) | Matthew | 1 | 1 | 0 |
| 5.8 | Create stress test | Unit test to stress test the application, help identify bugs that will happen in production | [Complete](https://github.com/MatthewJuliusScott/ResourceManager/commit/f052a4c22676f967321be6dfdf8f41f5f5e5af85) | Matthew | 1 | 1 | 0 |
| 5.9 | Bug fix, app locks up after a while | Application stability will be greatly improved. | [Complete](https://github.com/MatthewJuliusScott/ResourceManager/commit/199bbe93d2c83f9b3d152aee1814ed73ec30dd9a) | Matthew | 2 | 2 | 0 |

# 5. Issues

|  |  |  |
| --- | --- | --- |
| **Issue** | **Status** | **Notes** |
| Eclipse IDE is crashing when trying to run application. | Complete | Jack: - Thursday 15th 7pm, planned meeting with Matt. - Attempt to redownload GIT repository and run application FAILED. - Attempt to find a solution on my own accord FAILED.  Meeting with Jack and Matt, issues resolved. MySQL root password was forgotten. |
| Informed Jack he had a strike for not attending last meeting and not completing work items & lack of communication until iteration was over that he had any issues  Jack had advised team he had done 6 hours work so far this iteration, following up on what Jim discussed with group in previous meeting the team needed to see evidence for this report, Jack was unable / unwilling to show that evidence and accepted a 2nd strike. | Completed | Current issues are resolved. |

# 6. Assessment

|  |  |
| --- | --- |
| Assessment target | Notifications are implemented and users can be assigned. |
| Assessment date | 26/8/2019 |
| Participants | Matthew, Aaron, Brodie, Jack |
| Project status | Fluro Green |

## Assessment against objectives

Notifications are implemented in the system and are being sent to inform users of changes

System users can be modified and created.

## Work Items: Planned compared to actually completed

Work item 2.3 was deemed not doable due to the structure of the application and removed from scope.

Work item 2.2 was not finished on time due to item 2.1 not being completed until very late in the iteration This has been moved to the next iteration

## Assessment against Evaluation Criteria Test results

Well completed iteration: most items completed with a few left to finish.

## Other concerns and deviations

* Jack: Due to the lack of time management and work effort of the last iteration there could potentially be less time worked the items of **this** iteration, given the time able to allocate to ITC313. Scheduled a large portion of the next fortnight to primarily work on ITC313 work items in order to catch up and stay on schedule.