Pharmacy Error Tracker

Iteration Plan – Elaboration Iteration 3

[Note: Text enclosed in square brackets and displayed in blue italics (style=InfoBlue) is included to provide guidance to the author and should be deleted before publishing the document.]

# 1. Key milestones

|  |  |
| --- | --- |
| **Milestone** | **Date** |
| Iteration start | 7/05/2018 |
| Oversight Meeting | 8/05/2018 |
| Team Meeting 1 | 10/05/2018 |
| Team Meeting 2 | 17/05/2018 |
| Iteration End | 22/05/2018 |

# 2. High-level objectives

1. Implement Metabase and Complete Development and Intergration Testing for Metabase
2. Produce Graphs Charts Visualizations of Errors
3. UATs to be completed and documented
4. Deploy Executable architecture in trail environment
5. Mitigate risk of Error Submission Form Customisation
6. Error Auditing

# 3. Evaluation criteria

1. Metabase working as desired and….
2. Graphs can be produced based on test data inserted in database.
3. All UAT’s have been finished and documentation completed
4. A test environment is set up with an executable version of the project running
5. ???
6. Program writes all errors to a log file so that any issues can be tracked down

# 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** |
| 3.3b | Update NodeJS server to be in line with conventions | Finish setting up the NodeJS server correctly. The Express server is correctly running and can be queried. | Incomplete | Lenny | 10 | 20 | 0 |
| 4.1 | Create Unit Tests for "Add an Error" use case. | Unit tests created for the "Add an Error" use case | Incomplete | All | 10 | 2 | 8 |
| 4.3 | Create Integration Tests for "Add an Error" use case. | Integration tests created for the "Add an Error" use case | [Complete](https://bitbucket.org/itc303teampharmacon/pharmacy_app/src/master/documents/UAT%20Test%20Scripts/Completed%20Tests/)  See Issue below | ~~All~~  Jette | 14 | 12 | 0 |
| 5.2 | Create Unit Tests for Login Screen. | Unit tests created for the Login Screen | Incomplete | ~~Jette~~  All | 10 | 8 | 5 |
| 5.3 | Create Integration Tests for Login Screen. | Integration tests created for the Login Screen. | Incomplete | ~~Jette~~  All | 10 | 0 | 10 |
| 6.1 | Finish Metabase setup | Metabase running and connected to MySQL | Incomplete | All | 1 | 0 | 1 |
| 6.2 | Create MySQL scripts to add test data to database | Use case “Produce Graphs Charts Visualisations of Errors” data | DB [Complete](https://bitbucket.org/itc303teampharmacon/pharmacy_app/src/master/code/Database%20Test/)  Test data [Complete](https://bitbucket.org/itc303teampharmacon/pharmacy_app/src/master/code/Database%20Scripts/PET%20DB%20Scripts/testDBdata.sql) | Jette | 1 | 3 | 0 |
| 6.3 | Link frontend Login Screen with database | Login page verifies user details and password | Incomplete | All | 5 | 0 | 5 |
| 6.4 | Link frontend Error Form with database | Data entered in form is saved to database | Incomplete | All | 10 | 0 | 10 |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

# 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** |
| 4.3 – Created UAT tests for the Add Error Use Case instead of integration testing. | [Completed](https://bitbucket.org/itc303teampharmacon/pharmacy_app/src/master/documents/UAT%20Test%20Scripts/Completed%20Tests/) | Jette finalised UAT testing on the Add Error Use Case. Testing found issues with required fields not causing error when data not entered, data not being written to database, and physician fields not being disabled when No selected for physician being notified. After errors were fixed, UAT completed successfully. |
| 4.1 – Create Unit tests for Add Error | Incomplete | Not completed as UAT testing done instead |
| 5.2 – Create Unit Tests for Login Screen. | Incomplete | Login screen only finalised 22.05.2018. Final testing still to be carried out. |

# 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 | [This could be the entire iteration or just a specific component] |
| Assessment date |  |
| Participants |  |
| Project status | [For example, express as Red, Yellow, or Green.] |

## Assessment against objectives

[Document whether you addressed the objectives as specified in the Iteration Plan.]

## Work Items: Planned compared to actually completed

[Summarize whether all Work Items planned to be addressed in the iteration were addressed, and which Work Items were postponed or added.]

## Assessment against Evaluation Criteria Test results

[Document whether you met the evaluation criteria as specified in the Iteration Plan. This could include information such as “Demo for Department X was well-received, with some concerns raised around usability,” or “495 test cases were automated with a 98% pass rate. 9 test cases were deferred because the corresponding Work Items were postponed.”

The most important guideline here is that although satisfactorily completed items may summarily mentioned, incomplete items require a more comprehensive explanation ]

## Other concerns and deviations

[List other areas that have been evaluated, such as financials, or schedule deviation, as well as Stakeholder feedback not captured elsewhere.]