Professional Programming Practice (Declan)

Iteration Plan

[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 | 23/09/2018 |
| Begin Unit Testing | 23/09/2018 |
| Complete Unit Testing | 26/09/2018 |
| Begin Integration Testing | 27/09/2018 |
| Complete Integration Testing | 29/09/2018 |
| Begin UAT | 29/09/2018 |
| Complete UAT | 01/10/2018 |
| Finish all secondary tasks | 01/10/2018 |
| Iteration stop | 01/10/2018 |

# 2. High-level objectives

1. Complete Unit testing for Room - book(), checkin(), checkout(). And CheckoutCTL – creditDetailsEntered().

2. Complete Integration testing for Room - book(), checkin(), checkout(). And CheckoutCTL – creditDetailsEntered().

3. Complete UAT’s for Room - book(), checkin(), checkout(). And CheckoutCTL – creditDetailsEntered().

# 3. Evaluation criteria

1. Unit testing was completed for a number of use cases within the class, and tests were at least somewhat successful

2. Integration testing was completed for a number of use cases within the class, and tests were at least somewhat successful

3. UAT’s were completed for a number of scenarios successfully

4. Primary and secondary tasks completed by 01/10/2018

# 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 | Unit test book() | book() tested successfully | Incomplete | Declan | 4 | 9 | N/A |
| 1.2 | Unit test checkin() | checkin() tested successfully | Incomplete | Declan | 2 | 4 | N/A |
| 1.3 | Unit test checkout() | checkout() tested successfully | Incomplete | Declan | 2 | 5 | N/A |
| 1.4 | Unit test checkinWhenOccupied() | checkinWhenOccupied() tested successfully | Incomplete | Declan | 2 | 1 | N/A |
| 1.5 | Unit test checkinWhenNotOccupied() | checkinWhenNotOccupied() tested successfully | Incomplete | Declan | 2 | 2 | N/A |
| 1.6 | Unit test checkoutWhenNotOccupied() | checkoutWhenNotOccupied() tested successfully | Incomplete | Declan | 2 | 2 | N/A |
| 1.7 | Unit test checkoutWhenNotOccupied() | checkoutWhenNotOccupied() tested successfully | Incomplete | Declan | 2 | 0 | N/A |
| 2.1 | Integration test book() | book() tested successfully | Incomplete | Declan | 2 | 1 | N/A |
| 2.2 | Integration test checkin() | checkin() tested successfully | Incomplete | Declan | 2 | 0 | N/A |
| 2.3 | Integration test checkout() | checkout() tested successfully | Incomplete | Declan | 2 | 0 | N/A |
| 2.4 | Integration test checkinWhenOccupied() | checkinWhenOccupied() tested successfully | Incomplete | Declan | 2 | 0 | N/A |
| 2.5 | Integration test checkinWhenNotOccupied() | checkinWhenNotOccupied() tested successfully | Incomplete | Declan | 2 | 0 | N/A |
| 2.6 | Integration test checkoutWhenNotOccupied() | checkoutWhenNotOccupied() tested successfully | Incomplete | Declan | 2 | 0 | N/A |
| 2.7 | Integration test checkoutWhenNotOccupied() | checkoutWhenNotOccupied() tested successfully | Incomplete | Declan | 2 | 0 | N/A |
| 3.1 | Perform UAT |  |  | Declan |  |  |  |

# 5. Issues

|  |  |  |
| --- | --- | --- |
| **Issue** | **Status** | **Notes** |
| Fix coding to be correct on all unit and integration tests | Unsolved | Unfortunately, time expired and not much coding was resolved |

# 6. Assessment

|  |  |
| --- | --- |
| Assessment target | Entire Iteration |
| Assessment date | 01/10/2018 |
| Participants | Declan |
| Project status | Red |

## Assessment against objectives

Objectives are uncompleted

## Work Items: Planned compared to actually completed

Some objectives were completed, most were postponed, cancelled, or left uncompleted

## Assessment against Evaluation Criteria Test results

Mostly uncompleted

## Other concerns and deviations

Schedule was heavily deviated from, much of the project was left unfinished due to time restraints, workload, and inability of team members to assist (no team members available)