# ABC’s Inventory Management System

## Iteration 3 Assessment

## Key milestones

|  |  |
| --- | --- |
| **Milestone** | **Date** |
| Iteration start | 13/08/2018 |
| Establish Iteration Plan | 13/08/2018 |
| Fix Manage Product Bugs | 15/08/2018 |
| Update Domain Model Diagram | 15/08/2018 |
| Establish Meeting Minutes and feedback document for week-5 | 16/08/2018 |
| Update Project Plan, Version Control and Risk List | 16/08/2018 |
| Merge all branches on git to keep all branches up to date | 16/08/2018 |
| Add button hover animation | 17/08/2018 |
| Finalize Manage Product Use Case | 18/08/2018 |
| Add Menu bar for back button, home button and logout option | 19/08/2018 |
| Add wait time animations | 21/08/2018 |
| Finalize ‘Log in and Log out’ use case for both store and warehouse staff | 22/08/2018 |
| Replace buttons with appropriate icons wherever possible. | 22/08/018 |
| Finalize synchronization of FUCD and implementation of all use cases | 22/08/2018 |
| Merge all branches on git | 23/08/2018 |
| Establish Meeting Minutes for week-6 | 23/08/2018 |
| Establish Feedback documents for week-6 | 23/08/2018 |
| Update Project Plan, Iteration Plan, Risk List and Version Control | 23/08/2018 |
| Make application dynamic in terms of resizing and layout | 25/08/2018 |
| Establish Iteration 3 Assessment | 26/08/2018 |
| Iteration Stop | 26/08/2018 |

## High-level objectives

* Finalize synchronization of all FUCD and implementation.
* Finalize Login/Logout and Manage Product.
* Finalize all UI design and implementation.

## Work Item assignments

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Name or key words of description** | **Priority** | **Size estimate (points)** | **State** | **Reference material** | **Target iteration** | **Assigned to (name)** | **Hours worked** | **Estimate of hours remaining** |
| Establish Iteration Plan | 7 | 5 | Completed |  |  | Shirish Maharjan | 1 | 1 |
| Fix Manage Product Bugs | 10 | 10 | Completed |  |  | Shirish Maharjan | 5 | 2 |
| Update Domain Model Diagram | 10 | 10 | Completed |  |  | Arik Maharjan | 4 | 1 |
| Establish Meeting Minute and Feedback documents for week-5 | 7 | 5 | Completed |  |  | Arik Maharjan | 2 | 1 |
| Update Project Plan, Version Control and Risk List | 10 | 7 | Completed |  |  | Shirish Maharjan  Hieu Hanh Tran | 1 | 1 |
| Merge all branches on git to keep all branches up to date | 10 | 7 | Completed |  |  | Hieu Hanh Tran  Shirish Maharjan  Arik Maharjan | 1 | 1 |
| Add button hover animation | 10 | 9 | Completed |  |  | Hieu Hanh Tran | 2 | 1 |
| Finalize Manage Product Use Case | 10 | 10 | Completed |  |  | Shirish Maharjan | 1 | 1 |
| Add Menu bar for back button, home button and logout option | 10 | 10 | Completed |  |  | Shirish Maharjan | 2 | 1 |
| Add wait time animations | 10 | 10 | Completed |  |  | Shirish Maharjan | 2 | 1 |
| Finalize ‘Log in and Log out’ use case for both store and warehouse staff | 10 | 10 | Completed |  |  | Shirish Maharjan  Arik Maharjan | 3 | 1 |
| Replace buttons with appropriate icons wherever possible | 10 | 10 | Completed |  |  | Hieu Hanh Tran | 3 | 1 |
| Finalize synchronization of FUCD and implementation of all use cases | 10 | 10 | Completed |  |  | Arik Maharjan | 5 | 2 |
| Merge all branches on git | 9 | 9 | Completed |  |  | Shirish Maharjan  Hieu Hanh Tran  Arik Maharjan | 1 | 1 |
| Establish Meeting Minutes for week-6 | 7 | 7 | Completed |  |  | Arik Maharjan | 1 | 1 |
| Establish Feedback documents for week-6 | 7 | 7 | Completed |  |  | Arik Maharjan | 1 | 1 |
| Update Project Plan, Iteration Plan, Risk List and Version Control | 7 | 7 | Completed |  |  | Hieu Hanh Tran  Shirish Maharjan | 2 | 1 |
| Make application dynamic in terms of resizing and layout | 10 | 10 | Completed |  |  | Shirish Maharjan | 4 | 2 |
| Start Work on Test Documents | 10 | 10 | Completed |  |  | Shirish Maharjan  Hieu Hanh Tran | 2 | 1 |
| Establish Iteration 3 Assessment | 9 | 9 | Completed |  |  | Shirish Maharjan | 1 | 1 |

## Issues

|  |  |  |
| --- | --- | --- |
| **Issue** | **Status** | **Notes** |
| Assessment load from other subjects caused delays in completing tasks and adding more tasks to be completed during this iteration. | Discussed | Assessments for other subjects caused more time to be spend outside of the project, however team members are aware of the situation and have discussed about what amount of time needs to be provided for the project regardless of the load from other subjects. |

## Evaluation criteria

## All use cases implemented.

* UI animations and other elements added.
* Test plan updated.

## Assessment

|  |  |
| --- | --- |
| Assessment target | * Synchronizing the implementation according to the Full Use Case Description. * Finalization of the implementation |
| Assessment date | 06/09/2018 |
| Participants | Heiu Hanh Tran, Shirish Maharjan, Arik Maharjan |
| Project status | Yellow |

### Assessment against objectives

The following tasks listed below were carried during iteration 3 of the construction phase fulfilling all the iteration 3 objectives of iteration 3.

* Fix bugs in ‘Manage Product’ use case encountered during execution.
* Add extra animation features in the application.
* Creating an access control for ‘Store Staff’ and ‘Warehouse Staff’.
* Make application dynamic in terms of resizing and layout

As seen from the above list, all listed the objectives were completed according the iteration planned.

### Work Items: Planned compared to completed

Almost all the objective planned in the iteration plan were completed in disciplined manner. However, some of the major tasks took some extra time to completed due to extra load from other subjects’ assessment and extra tasks that were added in this iteration. So, to prevent from any delays and rescheduling our iteration plan, team members managed some additional time for the assessment and organised extra meetings among the team members. Those meetings mainly focused to complete the delayed works and assisting one another with particular tasks. At the end of the iteration, with extra effort, we were able to stick to the plan and fulfil all the assessments on time. Even though we were facing this situation, we did not remove the extra tasks added. For instance, features in the application, dynamic window feature. Although, the tasks were just established for the application, we were able to apply it in our implementation and observe the advantage and disadvantage of the functions.

### Assessment against Evaluation Criteria Test results

|  |  |
| --- | --- |
| Evaluation Criteria | Result |
| All use cases implemented. | * Most of the implementation were already finalised in the iteration plan 2 as planned. The use cases that were left to update and discuss some alteration were assigned in this iteration. With all dedication from all the team members, use cases: login/ logout, add staff, manage cart, manage staff were all implemented and finalized. Hence, all the use cases were implemented as planned. |
| * UI animations and other elements added. | * The main focused elements were menu bar, back button, home page button and logout button as it was crucial features for the implementation. At last, the team decided to remove the menu bar from the implementation since it was no use of the menu bar in the application. The other animation as hover animation and wait time animation were add in the implementation. |
| * Test Plan Updated | * Test plan was created during the iteration. Exploratory Test, Functional Test and User Acceptance Test were all planned. The Test will start after the finalization of the implementation i.e. in the next iteration, the implementation will be finalized, and the test will also commence. |