# ABC’s Inventory Management System

## Key milestones

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| --- | --- |
| **Milestone** | **Date** |
| Iteration start | 16/07/2018 |
| Establish Iteration Plan | 16/07/2018 |
| Update Search Product Use Case features | 17/07/2018 |
| Add ‘Add Product Item’ and ‘Stored Product’ feature in Add Product use case. | 17/07/2018 |
| Add ‘Delete Product’ resource in server-side application. | 18/07/2018 |
| Establish Meeting Minutes and feedback document for week-1. | 19/07/2018 |
| Review LCAM final documents for Assessment 1 submission. | 19/07/2018 |
| Merge all branches on git to keep all branches up to date. | 19/07/2018 |
| Review if implementation and documentations sync. | 20/07/2018 |
| Add update product feature in server-side application and client-side application | 20/07/2018 |
| Add delete product and add product item from existing product in client-side application. | 20/07/2018 |
| Add server-side and client-side code to Log In to the system as an admin user (Warehouse Staff) | 21/07/2018 |
| Add server-side and client-side code to transfer stock to another location. | 22/07/2018 |
| Update Project Plan, Iteration Plan, Risk List and Version Control | 23/07/2018 |
| Add server-side and client-side code to Log In as a store staff (generic user). | 24/07/2018 |
| Establish Meeting Minutes for week-2 | 26/07/2018 |
| Establish Feedback documents for week-2 | 26/07/2018 |
| Merge all branches in GitHub | 26/07/2018 |
| Update Project Plan, Iteration Plan, Risk List and Version Control | 26/07/2018 |
| Update Search Product functionality which is more user friendly in terms of finding a product | 29/07/2018 |
| Establish Iteration 1 Assessment | 29/07/2018 |
| Iteration Stop | 29/07/2018 |

## High-level objectives

* Assessment Item 1 submission.
* Documentation review from LCOM and LCAM.
* Establish Manage Product, Manage Staff, Send Stock and Log In/ Log Out functionality in the application.
* Establish project management documentations to re-establish team momentum.

## 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 |
| Update Search Product Use Case feature | 10 | 10 | Completed |  |  | Hieu Hanh Tran | 6 | 2 |
| Add ‘Add Product Item’ and ‘Stored Product’ feature in Add Product use case | 10 | 10 | Completed |  |  | Shirish Maharjan | 2 | 1 |
| Add ‘Delete Product’ resource in server-side application | 10 | 10 | Completed |  |  | Shirish Maharjan | 2 | 1 |
| Establish Meeting Minute and Feedback documents for week-1 | 7 | 5 | Completed |  |  | Hieu Hanh Tran  Shirish Maharjan | 2 | 1 |
| Review LCAM final documents for Assessment 1 submission | 10 | 7 | Completed |  |  | Arik Maharjan | 2 | 2 |
| Merge all branches on git to keep all branches up to date | 10 | 7 | Completed |  |  | Hieu Hanh Tran  Shirish Maharjan  Arik Maharjan | 2 | 1 |
| Review if implementation and documentations sync | 10 | 9 | Completed |  |  | Hieu Hanh Tran | 1 | 1 |
| Add update product feature in server-side and client-side application | 10 | 10 | Completed |  |  | Shirish Maharjan | 2 | 1 |
| Add delete product and add product item from existing product in client-side application | 10 | 10 | Completed |  |  | Shirish Maharjan | 2 | 1 |
| Add server-side and client-side code to Log In to the system as an admin user (Warehouse Staff) | 10 | 10 | Completed |  |  | Arik Maharjan | 3 | 1 |
| Add server-side and client-side code to transfer stock to another location | 10 | 10 | Completed |  |  | Hieu Hanh Tran | 4 | 1 |
| Update Project Plan, Iteration Plan, Risk List and Version Control | 8 | 8 | Completed |  |  | Hieu Hanh Tran  Shirish Maharjan | 2 | 1 |
| Add server-side and client-side code to Log In as a store staff (generic user) | 10 | 10 | Completed |  |  | Arik Maharjan | 3 | 1 |
| Establish Meeting Minutes for week-2 | 7 | 7 | Completed |  |  | Arik Maharjan | 1 | 1 |
| Establish Feedback documents for week-2 | 7 | 7 | Completed |  |  | Arik Maharjan | 1 | 1 |
| Merge all branches in GitHub | 7 | 7 | Completed |  |  | Shirish Maharjan  Hieu Hanh Tran  Arik Maharjan | 1 | 1 |
| Update Project Plan, Iteration Plan, Risk List and Version Control | 7 | 7 | Completed |  |  | Hieu Hanh Tran  Shirish Maharjan | 2 | 1 |
| Update Search Product functionality which is more user friendly in terms of finding a product | 8 | 9 | Completed |  |  | Hieu Hanh Tran | 3 | 1 |
| Establish Iteration 1 Assessment | 8 | 8 | Completed |  |  | Shirish Maharjan | 1 | 1 |

## Issues

|  |  |  |
| --- | --- | --- |
| **Issue** | **Status** | **Notes** |
| Team member unfamiliar with implementation concepts. | Solved | Team member had issues with concepts regarding REST API and Jersey in general. This issue has been solved through general guidance given to the team member by other team members. |

## Evaluation criteria

## Implementation of Search Product, Manage Product, Manage Staff, Send Product and Login/Logout is completed.

## Favourable response from the lecturer to the work in progress.

* Tasks completed in allocated time.

## Assessment

|  |  |
| --- | --- |
| Assessment target | Search Product, Manage Product, Send Product and Login/Logout completed |
| Assessment date | 30/07/2018 |
| Participants | Hieu Hanh Tran, Shirish Maharjan, Arik Maharjan |
| Project status | Green |

### Assessment against objectives

Most tasks were completed fulfilling the iteration objectives. However, a few tasks increased the load in the iteration therefore have been allocated to the next iteration. Implementation of manage staff will be conducted in the next iteration. The following are the list of tasks carried out during Iteration 1 of the construction phase fulfilling the iteration objectives of Iteration 1:

* Implementation of Manage Staff, Send Product, Login/ Logout.
* Documentation and implementation required for Assessment Item 1 reviewed and submitted.
* Project Management Documentations reviewed and updated.

### Work Items: Planned compared to completed

Major use cases were planned to be completed during this iteration. Keeping the time limitation for the entire project in mind, more tasks were allocated during this iteration increasing the load for team members. Therefore, all tasks allocated could not be completed. Tasks related to Manage Staff could not be completed during this iteration. These tasks will be allocated in Iteration 2 and be made a priority. Besides that, all other tasks were completed as planned.

### Assessment against Evaluation Criteria Test results

The following table compares the evaluation criteria and the test results:

|  |  |
| --- | --- |
| Evaluation Criteria | Result |
| Implementation of Search Product, Manage Product, Manage Staff, Send Product and Login/Logout is completed. | * Implementation of Manage Staff could not be completed during this iteration because of the load from tasks related to other use cases including Search Product, Manage Staff and Login/Logout. |
| Favourable response from the lecturer to the work in progress. | * The first meeting resulted in a review of all implementation tasks by the sponsor. The team got a favourable response from the sponsor because of the progress made in implementing the product. |
| * Tasks completed in allocated time. | * Most tasks were completed in time. However, tasks related to Manage Staff could not be started which will be made a priority in Iteration 2. * Updating Search Product usability design could not be completed during this iteration which will also be made a priority in Iteration 2. |

### Other concerns and deviations

Being the first 2 weeks of the session there weren’t any other concerns or deviations.