# ABC’s Inventory Management System

# Iteration 6 Plan

## Key milestones

|  |  |
| --- | --- |
| **Milestone** | **Date** |
| Iteration start | 21/05/2018 |
| Establish Iteration Plan | 21/05/2018 |
| Start Unit Testing for Server-Side Classes | 22/05/2018 |
| Update NFR Specification | 22/05/2018 |
| Establish Meeting Minutes for week 13 | 23/05/2018 |
| Update Project Plan, Iteration Plan and version control | 23/05/2018 |
| Establish Feedback document for week-13 | 23/05/2018 |
| Deploy Server to AWS cloud | 23/05/2018 |
| Update Domain Model, Design Class Diagram | 23/05/2018 |
| Add ‘View Details’ feature which allows individual Product Item to be displayed through ‘Product Code’ | 24/05/2018 |
| Update Master Test Plan | 24/05/2018 |
| Conduct Unit Test for server-side code | 24/05/2018 |
| Update Project Vision | 24/05/2018 |
| Conduct Unit Test for client-side code | 25/05/2018 |
| Establish LCAM project status assessment | 26/05/2018 |
| Update Risk List | 26/05/2018 |
| Update Project Plan, Iteration Plan and Version Control | 27/05/2018 |
| Establish Iteration 6 assessment | 27/05/2018 |
| Recheck all documentations for submission | 27/05/2018 |
| Recheck all code for submission | 27/05/2018 |
| Make updates if necessary | 28/05/2018 |
| Deliver Life Cycle Architecture Milestone (LCAM) | 30/05/2018 |
| Establish Meeting Minutes for week-14 | 30/05/2018 |
| Iteration Stop | 30/05/2018 |

## High-level objectives

* Deploy database and application for Search Product use case.
* Conduct Unit Tests for the implementation done.
* Establish LCAM Project Status Assessment and rectify code and documentation if necessary.
* Deliver Life Cycle Architecture Milestone (LCAM)

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 |  |  |
| Start Unit Testing for Server-Side Classes | 10 | 10 | Completed |  |  | Shirish Maharjan |  |  |
| Establish Meeting Minutes for week 13 | 7 | 7 | Completed |  |  | Arik Maharjan |  |  |
| Establish Feedback document for week-13 | 8 | 5 | Completed |  |  | Hieu Hanh Tran |  |  |
| Deploy Server to AWS cloud | 10 | 8 | Completed |  |  | Shirish Maharjan  Hieu Hanh Tran |  |  |
| Add ‘View Details’ feature which allows individual Product Item to be displayed through ‘Product Code’ | 10 | 8 | Completed |  |  | Hieu Hanh Tran |  |  |
| Update Master Test Plan | 10 | 10 | Completed |  |  | Shirish Maharjan |  |  |
| Conduct Unit Test for server-side code | 10 | 10 | Completed |  |  | Shirish Maharjan |  |  |
| Update Risk List | 10 | 10 | Completed |  |  | Hieu Hanh Tran |  |  |
| Conduct Unit Test for client-side code | 10 | 10 | Completed |  |  | Hieu Hanh Tran  Arik Maharjan |  |  |
| Establish LCAM project status assessment | 10 | 10 | Completed |  |  | Shirish Maharjan |  |  |
| Update Project Plan, Iteration Plan and Version Control | 9 | 9 | Completed |  |  | Arik Maharjan |  |  |
| Establish Iteration 6 assessment | 10 | 8 | In Progress |  |  | Hieu Hanh Tran |  |  |
| Recheck all documentations for submission | 10 | 10 | Completed |  |  | Shirish Maharjan  Hieu Hanh Tran  Arik Maharjan |  |  |
| Recheck all code for submission | 10 | 10 | Completed |  |  | Hieu Hanh Tran  Shirish Maharjan  Arik Maharjan |  |  |
| Make updates if necessary | 10 | 10 | Completed |  |  | Shirish Maharjan  Hieu Hanh Tran  Arik Maharjan |  |  |
| Deliver Life Cycle Architecture Milestone (LCAM) | 10 | 10 | Completed |  |  | Shirish Maharjan  Hieu Hanh Tran  Arik Maharjan |  |  |
| Establish Meeting Minutes for week-14 | 9 | 8 | Completed |  |  | Shirish Maharjan |  |  |

## Issues

|  |  |  |
| --- | --- | --- |
| Issue | Status | Notes |
| Assessment deadlines from other subjects and work commitments caused delays in conducting few tasks. | Solved | Iteration plan was adjusted according to the delays and team members were made aware about the importance of proper scheduling priorities. |
| The technical problem faced during merging all the documents to Github by team members. | Solved | The team member gathered at a place and carefully analyzed through the error to fix the problem. |
| The implementation of the use case that was created into .exe file was unable to access. | Solved | Team member must double check the resources before pushing it online. |

# Evaluation criteria

* Walk through of iteration build with team members received favorable response.
* Favourable response from the lecturer to the documents.
* Evaluating the Vision Control according to the documentation.
* Reviewing the final documents.

# Assessment

|  |  |
| --- | --- |
| Assessment target | Run a Test case and Test script for the core use case implementation. Finalize all the documents for submission. |
| Assessment date | 30/05/2018 |
| Participants | Hieu Hanh Tran, Shirish Maharjan, Arik Maharjan |
| Project status | Yellow |

## Assessment against objectives

Following are the lists of tasks carried out for Iteration 6 supporting the fulfilling the iteration objectives.

* The Elaboration Phase Assessment was updated and completed by referring to the questions sent by the Lecturer.
* The Version Control was reviewed and updated according to documents.
* Both client-side and server-side code were tested and achieved the positive results.

Work Items: Planned compared to completed

Because of workload from other subjects and inadequate knowledge on technical skills, some of the work items were difficult to completed. By searching through the web-online and consulting Lecturer about the problem, the leftover parts were finished before the end of the iteration.

## Assessment against Evaluation Criteria Test results

|  |  |
| --- | --- |
| Evaluation Criteria | Result |
| * Walk through of iteration build with team members received favorable response. | * The iteration created made team members divide the task easily and set a time frame for each tasks of the iteration. |
| * Favorable response from the lecturer to the documents. | * The documents were properly reviewed and updated before showing it to the Lecturer. The response from the Lecturer was good but need to make some improvements for making better presentation of the documents. |
| * Evaluating the Vision Control according to the documentation. | * The Version Control is up to date. Some of the missing version were added in it. This helped to revise the versions and documents in the Github resources. |
| * Reviewing the final documents. | * Team members assembled a meeting and went through all the documents checking grammars and any missing parts. |

## Other concerns and deviations

The following are some concerns other than what has been mentioned above that were caused during the iteration:

* Team members are not in the same level of technical knowledge so the division of the tasks among the team were not suitable. However, team members have realized this problem and decided to support each other to complete the tasks by reviewing and providing feedbacks in the group meetings.