# ABC’s Inventory Management System

## Iteration 5 Review

## Key milestones

|  |  |
| --- | --- |
| **Milestone** | **Date** |
| Iteration start | 07/05/2018 |
| Establish Iteration Plan | 08/05/2018 |
| Establish meeting minutes for week-11 | 09/05/2018 |
| Update Project Plan, Iteration Plan and version control | 09/05/2018 |
| Establish Feedback document for week-11 | 09/05/2018 |
| Update Full use case descriptions for Search Product, Manage Product and Manage Staff | 09/05/2018 |
| Update Sequence Diagrams according to the feedback received | 09/05/2018 |
| Revise Project Vision, Risk List and Master Test Plan | 09/05/2018 |
| Implement view for Search Use Case | 10/05/2018 |
| Start implementation for ‘Search Product’ controller classes | 10/05/2018 |
| Start implementation for entity classes and database | 10/05/2018 |
| Establish Feedback document for week 12 | 16/05/2018 |
| Establish meeting minutes for week 12 | 16/05/2018 |
| Update Project Plan, Iteration Plan and Version Control | 16/05/2018 |
| Minor updates for Design Documents according to the Feedbacks. | 16/05/2018 |
| Continue server-side implementation for ‘Search Product’ Use Case | 16/05/2018 |
| Update Risk List and Version Control | 19/05/2018 |
| Produce Iteration Assessment | 20/05/2018 |
| Iteration Stop | 20/05/2018 |

## High-level objectives

* Update design documents according to need.
* Implement ‘Search Product’ Use case.

## 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 |  |  |
| Establish meeting minutes for week-11 | 6 | 3 | Completed |  | 2 | Shirish Maharjan |  |  |
| Update Project Plan, Iteration Plan and Version control | 7 | 7 | Completed |  | 2 | Hieu Hanh Tran |  |  |
| Establish Feedback document for week-11 | 8 | 3 | Completed |  | 2 | Hieu Hanh Tran |  |  |
| Update Full Use Case Description for Search, Product, Manage Product and Manage Staff | 9 | 5 | Completed |  |  | Shirish Maharjan  Arik Maharjan  Hieu Hanh Tran |  |  |
| Update Sequence Diagrams according to the feedback received | 8 | 3 | Completed |  |  | Shirish Maharjan  Arik Maharjan  Hieu Hanh Tran |  |  |
| Revise Project Vision, Risk List and Master Test Plan | 7 | 6 | Completed |  | 1 | Hieu Hanh Tran |  |  |
| Implement View for Search Use Case | 10 | 10 | Completed |  | 1 | Arik Maharjan |  |  |
| Start implementation for ‘Search Product’ controller classes | 10 | 10 | Completed |  |  | Hieu Hanh Tran  Shirish Maharjan |  |  |
| Start implementation for entity classes and database | 10 | 10 | Completed |  |  | Hieu Hanh Tran  Shirish Maharjan |  |  |
| Establish Feedback document for week 12 | 6 | 6 | Completed |  |  | Hieu Hanh Tran |  |  |
| Establish meeting minutes for week 12 | 5 | 5 | Completed |  |  | Shirish Maharjan |  |  |
| Update Project Plan, Iteration Plan and Version Control | 6 | 6 | Completed |  |  | Shirish Maharjan  Arik Maharjan |  |  |
| Minor updates for Design Documents according to the Feedbacks received | 9 | 9 | Completed |  |  | Arik Maharjan |  |  |
| Continue server-side implementation for ‘Search Product’ Use case | 10 | 10 | Completed |  |  | Shirish Maharjan  Hieu Hanh Tran |  |  |
| Update Risk List and Version Control | 8 | 7 | Completed |  |  | Hieu Hanh Tran |  |  |
| Produce Iteration Assessment | 10 | 10 | 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 and setting priorities. |
| The versions of Intellij IDEA, JDK, Jersey are incompatible so it requires more time to find the appropriate version for each of them. | Solved | The versions will be using the same for each of team member to avoid conflict versions of these software. |
| The technical skill and knowledge about Server side such as Jersey Restful Framework of team members are not enough caused delays in implementing the use case. | Solved | The team member tried to accumulate the technical knowledge on online resources as well as consult ideas from the sponsor. |

## Evaluation criteria

## Tasks completed in time.

* Design documents are updated and reviewed.
* Implementation finished for the core use case.

## Assessment

|  |  |
| --- | --- |
| Assessment target | Design documents finalised, Core use case implementation completed. |
| Assessment date | 20/5/2018 |
| Participants | Hieu Hanh Tran, Shirish Maharjan, Arik Maharjan |
| Project status | Yellow |

### Assessment against objectives

Following are the list of tasks carried out for Iteration 5 supporting the fulfilling the iteration objectives:

* Full use case description documents were updated and reviewed according to sponsor feedbacks.
* Sequence diagrams for all significant use cases were updated and reviewed.
* The “Search Product” Use Case was implemented in database side and a part of server side.

### Work Items: Planned compared to completed

Because of workload from other subjects and the inadequate knowledge on technical skills, some of the work items scheduled for the iteration could not be completed. These work items have been scheduled to be listed in the next iteration for the smooth progress of the project. The following work items have not been completed:

* Implement the Server Side for “Search Product” Use Case
* Update Risk List.

These tasks require a solid knowledge about the technical skill so the team trying to study those knowledge. Hence, the tasks will be a priority and finished in the following iteration for the smooth progress of the project.

### Assessment against Evaluation Criteria Test results

|  |  |
| --- | --- |
| Evaluation Criteria | Result |
| Tasks completed in time. | * Implementation Server side of ‘Search Product’ could not be conducted which has been prioritise for the next iteration. |
| Design documents are updated and reviewed. | * All design documents have been updated and reviewed. * Some diagrams like sequence, full use case description, and domain model will be updated according to the feedbacks received in the next iteration. |
| * Implementation finished for the core use case. | * Implementation of the core use case could not be started in this iteration caused by the lack of technical knowledge. Tasks have been divided among team members regarding the implementation of ‘Search Product’ use case. |

### Risks Identified

The following are the risks identified during the iteration:

* Workload from other subjects and work commitments caused delays on task completion which can potentially affect the whole project.
* Lack of communication.
* Lack of knowledge on what needs to be done.

### Other concerns and deviations

The following are some concerns other than what has been mentioned above that were caused during this 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.