# ABC’s Inventory Management System

## Iteration 5 Plan

## Key milestones

|  |  |
| --- | --- |
| **Milestone** | **Date** |
| Iteration start | 17/09/2018 |
| Establish Iteration Plan | 17/09/2018 |
| Update Construction Phase Assessment | 17/09/2018 |
| Complete User Manual | 17/09/2018 |
| Finalise User Acceptance Test | 17/09/2018 |
| Upload the server-side to the AWS cloud. | 17/09/2018 |
| Finalise User Acceptance Test for submission | 18/09/2018 |
| Finalise User Manuals for submission | 18/09/2018 |
| Finalise Construction Phase Assessment | 18/09/2018 |
| Review and Finalize all the documentation | 19/09/2018 |
| Completion of IOCM (Initial Operational Capability Milestone) /Assessment Item 2 Submission. | 19/09/2018 |
| Establish Meeting Minutes for Week-9 | 20/09/2018 |
| Establish Feedback Document for Week-9 | 20/09/2018 |
| Deploy Application in Trial Environment | 21/09/2018 |
| Establish External User Acceptance Testing | 22/09/2018 |
| Complete 1st Round External User Acceptance Testing | 23/09/2018 |
| Update Version Control, Risk List and Project Plan | 23/09/2018 |
| Resolve Any Identified Issues | 24/09/2018 |
| Establish a brief presentation of the software for project sponsor | 25/09/2018 |
| Merge all branches on git to keep all (documentation and implementation) up to date | 25/09/2018 |
| Update production version of implementation | 26/09/2018 |
| Update the software presentation for project sponsor | 26/09/2018 |
| Establish Meeting Minutes for week-10 | 27/09/2018 |
| Establish Feedback documents for week-10 | 27/09/2018 |
| Update Project Plan, Iteration Plan, Risk List and Version Control | 28/09/2018 |
| Extra days for debugging and finalizing all tasks | 29/109/2018 |
| Establish Iteration 5 Assessment Review | 30/09/2018 |
| Iteration Stop | 30/09/2018 |

## High-level objectives

* Finalize all UI design and deploy the application.
* Completion of Alpha Testing of the application.
* Clear documentation of the User manuals

## 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 |  |  | Arik Maharjan | 1 | 1 |
| Update Construction Phase Assessment | 10 | 10 | Completed |  |  | Hieu Hanh Tran | 2 | 1 |
| Complete User Manual | 10 | 10 | Completed |  |  | Arik Maharjan | 1 | 1 |
| Finalise User Acceptance Test | 10 | 10 | Completed |  |  | Shirish Maharjan | 3 | 2 |
| Upload the server-side to the AWS cloud. | 10 | 9 | Completed |  |  | Hieu Hanh Tran | 2 | 1 |
| Finalise User Acceptance Test for submission | 7 | 7 | Completed |  |  | Shirish Maharjan | 1 | 1 |
| Finalise User Manuals for submission | 8 | 7 | Completed |  |  | Arik Maharjan | 1 | 1 |
| Finalise Construction Phase Assessment | 8 | 7 | Completed |  |  | Arik Maharjan | 1 | 1 |
| Review and Finalize all the documentation | 10 | 10 | Completed |  |  | Shirish Maharjan  Hieu Hanh Tran  Arik Maharjan | 5 | 3 |
| Completion of IOCM (Initial Operational Capability Milestone) /Assessment Item 2 Submission. | 10 | 10 | Completed |  |  | Hieu Hanh Tran | 3 | 2 |
| Establish Meeting Minutes for Week-9 | 10 | 10 | Completed |  |  | Shirish Maharjan  Arik Maharjan  Hieu Hanh Tran | 3 | 2 |
| Establish Feedback Document for Week-9 | 10 | 10 | Completed |  |  | Shirish Maharjan  Arik Maharjan  Hieu Hanh Tran | 3 | 1 |
| Deploy Application in Trial Environment | 9 | 7 | Completed |  |  | Hieu Hanh Tran | 1 | 1 |
| Establish External User Acceptance Testing | 9 | 8 | Completed |  |  | Arik Maharjan | 4 | 2 |
| Complete 1st Round External User Acceptance Testing | 10 | 10 | Completed |  |  | Shirish Maharjan  Arik Maharjan  Hieu Hanh Tran | 1 | 1 |
| Update Version Control, Risk List and Project Plan | 10 | 7 | Completed |  |  | Hieu Hanh Tran  Arik Maharjan  Shirish Maharjan | 1 | 1 |
| Resolve Any Identified Issues | 10 | 10 | Completed |  |  | Hieu Hanh Tran | 3 | 3 |
| Establish a brief presentation of the software for project sponsor | 10 | 10 | Completed |  |  | Shirish Maharjan  Hieu Hanh Tran  Arik Maharjan | 1 | 1 |
| Merge all branches on git to keep all (documentation and implementation) up to date | 10 | 5 | Completed |  |  | Shirish Maharjan  Hieu Hanh Tran  Arik Maharjan | 1 | 1 |
| Update production version of implementation | 10 | 7 | Completed |  |  | Hieu Hanh Tran | 1 | 1 |
| Update the software presentation for project sponsor | 10 | 10 | Completed |  |  | Shirish Maharjan  Arik Maharjan  Hieu Hanh Tran | 2 | 1 |
| Establish Meeting Minutes for week-10 | 7 | 7 | Completed |  |  | Arik Maharjan | 1 | 1 |
| Establish Feedback documents for week-10 | 7 | 7 | Completed |  |  | Arik Maharjan | 1 | 1 |
| Update Project Plan, Iteration Plan, Risk List and Version Control | 10 | 10 | Completed |  |  | Shirish Maharjan  Hieu Hanh Tran  Arik Maharjan | 2 | 1 |
| Extra days for debugging and finalizing all tasks | 8 | 8 | N/A |  |  | Shirish Maharjan  Hieu Hanh Tran  Arik Maharjan | 4 | 3 |
| Establish Iteration 5 Assessment Review | 8 | 8 | Completed |  |  | Arik Maharjan | 3 | 2 |

## Issues

|  |  |  |
| --- | --- | --- |
| **Issue** | **Status** | **Notes** |
| Overload of assessment from other subjects delaying the task. | Solved | During this iteration, there were many loads of assessment from other subjects. As a result, the task from the iteration were pushed further few days in order to complete them. The main task that was affected from it was Use Case Testing. It was not completed on time according to the iteration planned. So, the team members figure out the solution to manage their time and prioritize it in order to complete all the task at the end of the iteration. |
| Confusion between User Acceptance Test and User Manual | Solved | While developing User Acceptance Test and User Manual for the application, the team did not have enough knowledge about the topics. Due to this, it created a confusion to the team. To overcome this issue, the team consulted the lecturer and also looked into the internet for more information. Additionally, the lecturer provided the team with documents about the structure of ‘User Acceptance Test’ and also ‘User Manual’. After resolving the issue, the team were able to complete the documents. |

## Evaluation criteria

* Completion of the UI design and deploy the application.
* Successfully conducted the User Acceptance Test.
* Finalized documentation of User Manual for the application.

## Assessment

|  |  |
| --- | --- |
| Assessment target | * Completing the remaining task from previous iteration. * Finalizing all the required task to be submitted before due date. |
| Assessment date | 19/09/2018 |
| Participants | Shirish Maharjan, Hieu Hanh Tran, Arik Maharjan |
| Project status | Green |

### Assessment against objectives

The following tasks listed below were carried during iteration 5 of the construction phase fulfilling all the iteration 5 objectives of iteration 5.

* Upload the server-side to the AWS cloud.
* Deploy Application in Trial Environment.
* Establish Transitional Phase Project Assessment and report.

There are only few assessments that were done in this iteration as the submission of the Assessment Item 2 and other subjects’ Assessment were also needed to be done. Nonetheless, all the assessments conducted were completed according to the iteration planned.

### Work Items: Planned compared to completed

In this iteration, the unfinished documents from previous iteration were added and continued for completion as planned in the beginning of this iteration. Since, the due date for submission of Assessment Item 2 was set on this iteration, the team focused more on their work and completing the submission files according to planned.

Even though additional work was added in this iteration, with time management prioritizing the assessment and extra effort on it, team members were able to complete the task assigned to them and submitting the assessment successfully.

### Assessment against Evaluation Criteria Test results

|  |  |
| --- | --- |
| Evaluation Criteria | Result |
| * Completion of the UI design and publish the application | * The design of the application was already completed during Iteration 4 it would have been finalized but due to minor errors inside the application, it was postponed to this iteration. After fixing the error, the application was then published. The server is successfully uploaded to the AWS cloud and any user was allowed to use the application installed as a trial version. |
| * Successfully conducted the User Acceptance Test | * A detailed scenario and other requirements were developed of Use Cases for execution of the test. All the tests were precisely documented to get the accurate result from the test. The tests were all recorded with screenshot and each test scripts were controlled with Version Control. |
| * Finalized documentation of User Manual for the application. | * As the User Manual was created in previous iteration. Due to some circumstances, the team was unable to complete this assessment. However, the incomplete assessment was continued in this iteration and was completed before the submission date. |