# ABC’s Inventory Management System

## Iteration 2 Plan

## Key milestones

|  |  |
| --- | --- |
| **Milestone** | **Date** |
| Iteration start | 26/03/2018 |
| Establish meeting minutes for week-5 | 28/03/2018 |
| Update Project Plan, Iteration Plan and version control | 28/03/2018 |
| Establish Feedback document for week-5 | 28/03/2018 |
| Produce Iteration 1 Assessment | 28/03/2018 |
| Establish Master Test Plan | 29/03/2018 |
| Establish Inception Phase Project Status Assessment | 29/03/2018 |
| Update Architecture Notebook, NFR Specification and Use Case Diagram | 29/03/2018 |
| Finalize Short Use Case Description | 29/03/2018 |
| Update Project Vision | 30/03/2018 |
| Finalize Domain Model | 30/03/2018 |
| Establish the Entity Relationship Diagram | 30/03/2018 |
| Finalize LCOM documentation | 31/03/2018 |
| Review and update Iteration Plan, Risk List, Project Plan and Version Control | 1/04/2018 |
| Establish LCOM submission ready documents | 2/04/2018 |
| Analyse and Identify Core use cases | 4/04/2018 |
| Establish Meeting Minutes for week-6 | 4/04/2018 |
| Update Iteration Plan, Project Plan, Version Control and Risk List | 4/04/2018 |
| Deliver Life Cycle Objectives Milestone (LCOM) Assessment Item-2 | 6/04/2018 |
| Complete Inception Phase Project Assessment and report | 7/04/2018 |
| Update Iteration Plan, Project Plan, Version Control and Risk List | 7/04/2018 |
| Produce Iteration Assessment | 8/04/2018 |
| Iteration stop | 8/04/2018 |

## High-level objectives

* Finalize the requirements of the system including functional and non-functional requirements.
* Finalize system architecture.
* Review, update and finalize documents for LCOM which includes Project Vision, Requirement Model (Use Case, Domain Model, ERD and NFR Specification).
* Deliver Life-Cycle Objective Milestone of the Unified Process (LCOM).
* Identify the issues that might occur during the project and find solutions for them.
* Understand technical competency of team members and figure out ways the problem can be solved.
* Assess the project progress against the overall aims of the project, and against the specific aims of the Inception Phase.

## 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 Meeting Minutes for week-5 | 4 | 3 | Completed |  | 2 | Shirish Maharjan |  | 0.5 |
| Update Project Plan, Iteration Plan and Version Control | 7 | 7 | Completed |  | 2 | Shirish Maharjan |  | 1 |
| Establish Feedback document for week-5 | 9 | 3 | Completed |  | 2 | Hieu Hanh Tran |  | 1 |
| Produce Iteration 1 Assessment | 7 | 5 | Completed | Iteration Plan |  | Arik Maharjan |  |  |
| Establish Master Test Plan | 9 | 7 | Completed |  | 1 | Hieu Hanh Tran |  |  |
| Establish Inception Phase Project Status Assessment | 9 | 8 | Completed |  | 1 | Heiu Hanh Tran |  |  |
| Update Architecture Notebook, NFR Specification and Use Case Diagram | 9 | 8 | Completed |  |  | Shirish Maharjan  Arik Maharjan |  |  |
| Finalize Short Use Case Description | 8 | 7 | Completed | Use Case Diagram |  | Arik Maharjan |  |  |
| Update Project Vision | 7 | 3 | Completed |  |  | Shirish Maharjan |  |  |
| Finalize Domain Model |  |  | Completed |  |  | Shirish Maharjan  Hieu Hanh Tran  Arik Maharjan |  |  |
| Establish Entity Relationship Diagram |  |  | Completed |  |  | Arik Maharjan |  |  |
| Finalize LCOM documentation |  |  | Completed |  |  | Shirish Maharjan  Hieu Hanh Tran  Arik Maharjan |  |  |
| Review and update Iteration Plan, Risk List, Project Plan and Version Control | 5 | 5 | Completed |  |  | Shirish Maharjan |  |  |
| Establish LCOM submission ready documents | 9 | 5 | Completed |  |  | Arik Maharjan  Hieu Hanh Tran  Shirish Maharjan |  |  |
| Analyse and identify the core use cases | 7 | 5 | Completed |  |  | Arik Maharjan |  |  |
| Establish meeting minutes for week-6 | 7 | 7 | Completed |  |  | Hieu Hanh Tran |  |  |
| Update Iteration Plan, Project Plan, Version Control and Risk List | 7 | 7 | Completed |  |  | Hieu Hanh Tran |  |  |
| Deliver Life Cycle Objectives Milestone (LCOM) Assessment Item-2 | 9 | 8 | Completed |  |  | Shirish Maharjan  Arik Maharjan  Hieu Hanh Tran |  |  |
| Complete Inception Phase Project Assessment and report | 7 | 7 | Completed |  |  | Arik Maharjan |  |  |
| Update Iteration Plan, Project Plan, Version Control and Risk List | 6 | 5 | Completed |  |  | Hieu Hanh Tran |  |  |
| Produce Iteration Assessment | 7 | 6 | Completed |  |  | Shirish Maharjan |  |  |

## Issues

|  |  |  |
| --- | --- | --- |
| **Issue** | **Status** | **Notes** |
| Task completion delays due to deadline loads from other subjects. | Solved | Team members had to give more time to other subjects because of assignment deadlines. |
| Issues in Master Test plan. | Solved | Delay in establishing master test plan since no proper template for it was available. |
| Issues in the Use Case Model | Solved | Confusion in inclusion of use cases like scan bar code, request item, manage request cart and so on. |
| Issues in establishing Architecture Notebook | Solved | Delay in establishing final version of Architecture Notebook because of the confusion in the concept and template of architecture notebook. |
| Issues in NFR specification | Solved | All non-functional requirements were not described.  Confusion on establishing interface section of the NFR specification. |

## Evaluation criteria

## Assigned tasks are completed in time.

* High Level Objectives are achieved.
* Lifecycle Objective Milestone is delivered.
* Elaboration phase tasks are started.

## Assessment

|  |  |
| --- | --- |
| Assessment target | Deliver Lifecycle Objective Milestone |
| Assessment date | 09/04/2018 |
| Participants | Shirish Maharjan, Hieu Hanh Tran, Arik Maharjan |
| Project status | Green |

### Assessment against objectives

* LCOM was delivered in time in an effective manner. However, better scheduling could be done to further improve the process in the future.
* The architecture of the system was finally finalized.
* Requirement models have been reviewed and updated.
* Technical competency of the team was analysed and established

### Work Items: Planned compared to completed

Tasks related to LCOM were completed within the timeframe. However, because of time constraint and inefficient scheduling the following tasks related to elaboration phase could not be completed in the iteration:

* Establish Full Use Case Description
* Establish Deployment Diagram
* Produce and document initial design to support critical core Use Case using the finalized architecture

### Assessment against Evaluation Criteria Test results

* All tasks were completed in time except for the tasks related to the Elaboration phase.
* All the documentation required for LCOM were submitted in time.
* The architecture notebook had issues with analysing the situation and proposing an architecture.
* All in all, the high-level objectives were all achieved.

### Other concerns and deviations

* Efficient time management and scheduling could not be done because of the added load from other subjects.
* Final submission documents were left for last minute.
* Priorities were not set.