### Construction Iteration 03

Employee Payroll Management System

Iteration Plan - 3

1.  Key milestones

|  |  |
| --- | --- |
| Milestone | Date |
| Iteration start | 08/04/20 |
| Changes to use cases | 08/04 |
| Final implementation of functions | 10/04 |
| Employee | 10/04 |
| Payments | 12/04 |
| Payments History | 18/04 |
| My Profile | 21/04 |
| Implement new function - Settings | 22/04 |
| Iteration stop | 22/04/20 |

2.  High-level objectives and Outcomes

Objective: Implement all functions

Outcome: Implemented functions with changes, to made software easy accessibility.

Objective: Implement new function to control administration access

Outcome: Administrator can access and edit, system users and pay rates for each staff.

3.  Work Item assignments

The following Work Items will be addressed in this iteration:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Work Item ID | Name or key words of description | Outcome | State | Assigned to (name) | Estimated Hours | Hours worked | Estimate of hours remaining |
| 1.1 | Use Cases changed to make software easy for users. | New use cases described and will upload new use case diagram to Wiki. | Complete | Dushan,Kamal | 6 | 6 | 0 |
| 1.1 | Employee function implemented with add, update and delete methods. | Administrator able to add, edit and delete employees | Complete | Kamal | 10 | 7 | 3 |
| 1.2 | Payments function implemented with add, update and other methods (send for approval). | Accountant or Admin can add payment details for each employee to the system | Complete | Dushan | 20 | 15 | 5 |
| 1.3 | Payments History function implemented with pay and amend methods. | An administrator can pay employees for which payment details are added to the system. | Complete | Dushan | 25 | 28 | 0 |
| 1.4 | My profile function implemented | Users can update their login details. | Complete | Dushan | 5 | 4 | 1 |
| 2.0 | New function implemented (Settings) | An administrator can control system login accounts and payment rates for each employee type (Academic/Non-Academic). | Complete | Dushan | 10 | 8 | 2 |

5.  Issues

|  |  |  |
| --- | --- | --- |
| Issue | Status | Notes |
| Allocated time wasn’t enough to implement some functions.      Discovered user accounts passwords can be easily hacked. | Completed        Incomplete | Took some extra time to complete.        Discussed to encrypt and decrypt user passwords with md5 method. |

6.  Assessment

|  |  |
| --- | --- |
| Assessment target | Iteration plan 3 |
| Assessment date | 08/04/20 |
| Participants | Kamal, Dushan |
| Project status | Yellow |

Assessment against objectives

Objectives have been addressed and will be completed by the next schedule.

Work Items: Planned compared to completed

All the work items have been addressed and all are completed within this iteration.

Assessment against Evaluation Criteria Test results

* Best practises learned.
* Successfully Implemented functions defined by newly described uses cases.
* Successful implementation of settings function.
* The system is now fully functional with some bugs which are,
* low security and validation errors.

Other concerns and deviations

Supervisor feedback has been considered and further developments are in progress.