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| Iota Gamma Directory Conversion | Project Status Report  Working Group 4  Peter Palmisano, Instructor  Apr 14, 2018 |

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# Executive Summary

Percent Complete: 86%

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Scope | Schedule | Cost | Risks | Quality |

This project status report serves as an assessment for Working Group 4’s (WG4’s) Iota Gamma Directory Conversion (“IGDC”) project. This review reflects progress as of Apr 13, 2018.  The team has been tracking hours spent on work performed.

The project is currently slightly behind schedule, under budget and within scope. Schedule variance has remained consistent since last report. The absence of an outside sponsor has allowed the team to proceed interrupt efficiently. Quality assessment is still based on the team’s comfort level with the detail at this point.

# Work Realization

## **Key Performance Indicators**

The key performance indicators for this current project are the cost and the schedule. The following earned value management table will determine current variances and performance indexes.

|  |  |
| --- | --- |
| SPI | 0.922 |
| Schedule Variance | ($2,409.02) |
| CPI | 1.284 |
| Cost Variance | 6,279.70 |

Schedule - The project is very slightly behind schedule; the SPI and schedule variance support that fact. We remain confident that we will complete the project on time.

Cost - The project is under budget; the removal of the need to correct and upload the actual data from Iota Gamma has left some spare time in the budget; this is good because some of the coding took more time than originally anticipated and we expect to use up much of this surplus. The team remains confident that the project will be completed within budget.

## **Work Status**

Work Completed:

This status report addresses the completion of the development phase in WG4’s work breakdown structure. The major scripts have been completed as well as much of the integration.

|  |  |  |  |
| --- | --- | --- | --- |
| **WBS level** | **Description** | **Status** | **%** |
| 2. 1. | Diagram user-system interaction |  |  |
| 2. 1. 1. | Define Use Cases | Complete | 100 |
| 2. 1. 2. | Create User-Activity Diagrams | Complete | 100 |
| 2. 1. 3. | Standardize scripting nomenclature | Complete | 100 |
| 2. 1. 4. | Define class domains | Complete | 100 |
| 2. 2. | Design database system | Complete |  |
| 2. 2. 1. | Logical design | Complete | 100 |
| 2. 2. 1. 1. | Create entity-relationship diagram | Complete | 100 |
| 2. 2. 1. 2. | Assess data quality | Complete | 100 |
| 2. 2. 1. 3. | Establish domain attributes | Complete | 100 |
| 2. 2. 1. 4. | Normalize | Complete | 100 |
| 2. 2. 2. | Physical design | Complete | 100 |
| 2. 2. 2. 1. | Determine hardware and performance requirements | Complete | 100 |
| 2. 2. 2. 2. | Create Denormalization plan | Complete | 100 |
| 2. 2. 2. 3. | Create a data dictionary | Complete | 100 |
| 2. 3 | Design graphical user interface for website | Complete | 100 |
| 2. 3. 1. | Determine design requirements | Complete | 100 |
| 2. 3. 2. | Sketch the wireframe | Complete | 100 |
| 2. 3. 3. | Define the style theme | Complete | 100 |
| 2. 4 | Design quality assurance (QA) tests |  |  |
| 2. 4. 1 | Create user-acceptance tests | Complete | 100 |
| 2. 4. 2 | Create system-integration test | Complete | 100 |
| 2. 4. 3 | Create module test | Complete | 100 |
| 3. 1 | Create database system |  |  |
| 3. 1. 1 | Create Tables | In Progress | 100% |
| 3. 2. | Create user interface (UI) | In Process | 95% |
| 3. 2. 1. | Create tool-tips | Complete | 100% |
| 3.3. | Create UI-DB scripts | In Process | 95% |
| 3. 4. | Create technical documentation | In Process | 10% |
|  |  |  |  |
| 4 | Testing | In Progress | 40% |
| 5.1 | Launch System | Complete | 20% |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Late tasks:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Start** | **Finish** | **% Complete** | **Remaining Work** |
| Launch System | Mon 4/2/18 | Thu 4/5/18 | 5% | 30 hrs |

Work to be completed:

We are almost done with the integration phase. Testing has been taking place throughout the implementation.

Within the next two weeks, the following tasks will be completed in addition to finalizing the outstanding work from the implementation phase:

|  |  |  |  |
| --- | --- | --- | --- |
| **WBS** |  | **Item** | **Hours** |
| **5.** |  | **Implementation** |  |
| 5.1. | | Launch System | **30** |
| 6. | | **Closeout** |  |
| 6.1 | | Document Lessons Learned | **20** |
|  | |  |  |

# Risks & Assumptions

No risks have been identified.

# Change Requests

There have been no new change requests since the last report.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Plan/Id** | **Change date** | **Original Changed to:** | **Changed By** | **Reason** | **Approved By** |
| S001 | 6-Feb | Sponsored project | WG4 | Risk of missing schedule | All |
| Prototype |
| S002 | 6-Feb | Include Help Guide | WG4 | Not imperative since it is a prototype, tool tips will replace the help guide | All |
| Add Tool Tips, no Help guide unless time avail at end |
| S003 | 9-Mar | User Training | WG4 | There is no sponsor, therefore no official users | All |
| No user training |
|  |  |  |  |  |  |
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