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| Iota Gamma Directory Conversion  [This Photo](https://whatisprojectmanagement.wordpress.com/) is licensed under [CC BY-NC-ND](https://creativecommons.org/licenses/by-nc-nd/3.0/) | Project Status Report  Working Group 4  Peter Palmisano, Instructor  Mar 18, 2018 |

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# Executive Summary

Percent Complete: 58.4%

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 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 Mar 17, 2018.  The team has been tracking all hours spent on work performed.

The project is currently slightly behind schedule, under budget and within scope. There has been a significant improvement in schedule variance. An efficient level of performance has some tasks completed more quickly than originally anticipated. Risks have decreased due to the fact that the team has decided to proceed with this project as a prototype. 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 | 0.970 |
| Schedule Variance | ($602.89) |
| CPI | 1.262 |
| Cost Variance | $ 4,003.93 |

Schedule - The project is very slightly behind schedule; the SPI and schedule variance support that fact. We have identified the source as learning curve ks and team members needing to learn while coding. The team has rallied and has made significant progress. Now that there is a webhosting site and a glimpse of the finished product, there is a new fervor for getting to the finished product. We are confident that we can continue this trend to restore the project to a current status.

Cost - The project is under budget; the team has discovered that they are more skilled in some areas than originally anticipated; this is good because some things will take more time than originally anticipated and we expect to use up most 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 design phase in WG4’s work breakdown structure. The use cases have been completed as well as the data quality assessment and the denormalization plan.

| **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 | 95 |
| 2. 4. 3 | Create module test | Complete | 100 |
| **3** | **Development** |  |  |
| 3. 1 | Create database system |  |  |
| 3. 1. 1 | Create Tables | In Progress | 91 |
| 3. 2 | Create user interface (UI) | In Progress | 75 |
| 3. 2. 1 | Create Style Theme | Complete | 100 |
| 3.3 | Create UI-DB scripts | In Progress | 25 |
|  |  |  |  |

Late tasks:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Start** | **Finish** | **% Complete** | **Remaining Work** |
| Create UI-DB Scripts | Mon 2/26/18 | Wed 3/21/18 | 25% | 26 hrs |

Work to be completed:

We are almost done with the development phase. There are a few scripts that remain to be written. Integration of the pieces and then testing will begin immediately following that.

Within the next month, the following tasks will be completed in addition to finalizing the outstanding work from the development phase:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **WBS** | **Item** | |  | **Hours** |
| 3.2.1 | | Create tool-tips | | **18** |
| 3.3. | | Create UI-DB scripts | | **30** |
| 3.4 | | Create technical documentation | | **30** |
| **4.** | | **Testing** | | **36** |
| **5.** | | **Implementation** | |  |
| 5.1 | | Launch system | | 40 |
| **6.** | | **Closeout** | | **20** |

# Risks & Assumptions

No new risks have been identified in the completed work to date.

# Change Requests

Change Requests are to be approved at weekly group meetings. There has been a major change: In the absence of regular participation from Iota Gamma, we decided to create the database as a prototype.

This eliminates sponsorship and therefore the requirements to train users. With this in mind, we have reallocated some of the resources to still meet the stated goals. We intend to make the database meet the originally stated needs of the chapter but with no further direct input from the membership. Some members have indicated that they are still available to test the site.

The following chart summarizes the changes implemented to date.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **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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