

**Project Status Report**



**Project Name:** Forecasting Module for Revenue Management Using Artificial Intelligence Techniques

**Department:** SoCIT



**Prepared By:**

|  |  |
| --- | --- |
| **Document Owner(s)** | **Project/Organization Role** |
| Katelyn Anne S. Calma | Project Manager |
| Eugene B. Delfin | Project Developer |
| Shania Soleil G. Reyes | Project Developer |
| Kaila Mae G. Roguel | Project Developer |
| Jim Jemarc P. Castillo | Project Developer |

**Project Status Report Version Control**

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Date** | **Author** | **Change Description** |
| 1.0 |  |  | Document created |
| 2.0 | 06/12/17 | Katelyn Anne S. Calma | * Revision of Research Paper * Weekly Consultation with Adviser |
| 3.0 | 06/19/17 | Katelyn Anne S. Calma | * Backward Propagation * Optimization Model * Genetic Algorithm |
| 4.0 | 06/26/17 | Katelyn Anne S. Calma | * Event Table * Use Case Diagram * Further Research |
| 5.0 | 07/03/17 | Katelyn Anne S. Calma | * Event Table * Use Case Definition * Use Case Diagram * Further Research * Comparative Study * Deployment Diagram * Object Diagram * Activity Diagram |
| 6.0 | 07/10/17 | Katelyn Anne S. Calma | * Class Diagram * Timing Diagram * State Diagram * Communication Diagram * Sequence Diagram * Composite Structure Diagram * Component Diagram * Package Diagram * Interaction Diagram |
| 7.0 | 07/17/17 | Katelyn Anne S. Calma | * Context Diagram * Diagram 0 * Powerpoint presentation for midterms * Revisions of the 13 UML diagrams for midterm presentation |
| 8.0 | 07/31/17 | Katelyn Anne S. Calma  Jim Jemarc P. Castillo  Eugene B. Delfin | * Post-Presentation Revision of UML Diagrams   + - * Use Case Diagram       * Object Diagram       * Deployment Diagram       * Activity Diagram       * Class Diagram       * Timing Diagram       * State Diagram       * Communication Diagram       * Sequence Diagram       * Composite Structure Diagram       * Component Diagram       * Package Diagram       * Interaction Overview Diagram |

**TABLE OF CONTENTS**

[1 PROJECT STATUS REPORT PURPOSE 3](#_Toc77392557)

[2 PROJECT STATUS REPORT TEMPLATE 3](#_Toc77392558)

[2.1 Project Status Report Details 3](#_Toc77392559)

[2.2 Project Status Report Template 3](#_Toc77392560)

[3 PROJECT STATUS REPORT APPROVALS 3](#_Toc77392561)

[4 APPENDICES 3](#_Toc77392562)

[4.1 Document Guidelines 3](#_Toc77392563)

[4.2 Project Status Report Sections Omitted 3](#_Toc77392564)

# PROJECT STATUS REPORT PURPOSE

The Project Status Report is a document that Project Managers may use as a means of formal regular reporting on the status of a project to key project stakeholders, including the Steering Committee, Project Sponsor, and Senior Manager.



# PROJECT STATUS REPORT TEMPLATE

## Project Status Report Details

The reporting period for this version of project status report covers the 8th week of the term. As most people know, the 8th week of the term is the week after the midterms. The group has focused on making necessary revisions after the presentation of the diagrams. The changes were based on the comments of the panellist.

* Most of the diagrams undergone revisions based on the comments of the panellist in the presentation
  + Diagrams such as class diagram, communication diagram, state diagram, sequence diagram have been revised
  + These changes have been noted and updated also in Github, Trello and Projects2
* The group will now focus from here on in creating the initial system prototype
  + The group is searching for the best suitable framework to be used in building the prototype
  + The group is searching for the most flexible programming software to be used.

## Project Status Report Template

|  |  |  |
| --- | --- | --- |
| Project Name | | |
| Prepared By:  Katelyn Anne S. Calma  Jim Jemarc P. Castillo  Eugene B. Delfin | Date:  07/31/17 | Reporting Period:  07/17/17to 07/31/17 |
| Project Overall Status:  The group has focused on identifying what framework will be fit for creating their prototype. The group are currently understanding the data that Sir Neil gave. | | |
| Project Summary:  As the midterms done, the group finished revising the 13 UML diagrams. they are now thinking what framework will going to use for creating a prototype for their final presentation. They also receive an email from Sir Neil, that he want to set meeting with the group so that he can explain about the data that he gave. | | |
| **Milestone Deliverables performance reporting over last period**   |  |  |  |  | | --- | --- | --- | --- | | **Milestone Deliverables** | **Due Date** | **% Completed** | **Deliverable Status** | | Post-Presentation UML Diagrams | | | | | * Use Case Diagram | 08/07/17 | 75% | On Schedule | | * Object Diagram | 08/07/17 | 100% | Ahead of Schedule | | * Deployment Diagram | 08/07/17 | 100% | Ahead of Schedule | | * Activity Diagram | 08/07/17 | 100% | Ahead of Schedule | | * Class Diagram | 08/07/17 | 100% | Ahead of Schedule | | * Timing Diagram | 08/07/17 | 100% | Ahead of Schedule | | * State Diagram | 08/07/17 | 100% | Ahead of Schedule | | * Communication Diagram | 08/07/17 | 100% | Ahead of Schedule | | * Sequence Diagram | 08/07/17 | 100% | Ahead of Schedule | | * Composite Structure Diagram | 08/07/17 | 100% | Ahead of Schedule | | * Component Diagram | 08/07/17 | 100% | Ahead of Schedule | | * Package Diagram | 08/07/17 | 100% | Ahead of Schedule | | * Interaction Diagram | 08/07/17 | 100% | Ahead of Schedule | | Email Correspondence | | | | | * Email to client regarding raw data | 07/31/17 | 100% | Behind Schedule | | * clarifications | 07/31/17 | 100% | Behind Schedule | | | |
| **Milestone Deliverables scheduled for completion over next period**   |  |  |  |  | | --- | --- | --- | --- | | **Milestone Deliverables** | **Due Date** | **% Completed** | **Deliverable Status** | | Email Correspondence | | | | | * Follow up email with client | 08/07/17 | 25% | Behind Schedule | | ERD | | | | | * Planning of ERD | 08/07/17 | 0% | Behind Schedule | | * Initial ERD | 08/14/17 | 0% | Behind Schedule | | * Initial Prototype | 08/21/17 | 0% | Behind Schedule | | | |
| **Project impact of milestone success or failure for project remainder**   |  |  | | --- | --- | | The group has finished revising the 13 UML diagrams. They have also started identifying what framework will going to use for creating prototype. | The group has accomplished all 13 UML diagrams. Although they listened during the presentation, there still a little chance that some diagrams may be incorrect. The group also start finding framework, Although in their Sysadd2 they were introduce to yii. | | | |
| **Project** **Budget/Financial Status**   |  |  |  |  | | --- | --- | --- | --- | | **Budget Item** | **Planned Budget** | **Actual Cost** | **Variance/Explanation** | |  |  |  |  | |  |  |  |  | | | |
| **Project Risk Management Status**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Risk and Description** | **Risk Chance** | **Risk Impact** | **Risk Priority** | **Change from Last Review** | | * Accomplished Diagrams may be incorrect | Low | High | High | The group has accomplished all 13 UML diagrams. Although they listened during the class lecture and reread the lecture material, there is a chance that the diagrams may be incorrect or in need of improvement. This poses as a high-risk impact because major revisions on all 13 diagrams is lengthy work and would require a lot of time. If they do not accomplish the revisions by the next reporting period, they might fall behind schedule. | | Initial Scope may not be accomplished by the 9th week of this term   * Automation of reports * Forecasting Module | High | High | High | If the group is able to accomplish their initial scope by the 9th week of this term, the client will ask them to expand their scope to include additional modules needed for revenue management. However, if the group is not able to accomplish it by the deadline, they will stick to their initial scope as presented in their INTSDEV class. | | | | |
| **Project Issue Management Status**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Issue and Description** | **Project Impact** | **Target Due Date** | **Issue Status** | **Issue Resolution** | | Lack of Communication with client   * Raw Data * Clarifications with processes * Clarifications about reports | High | 08/21/17 | Open | The group needs the raw data from Opera as input for their system. They also have some things to clarify with the client about the processes done in creating a report and forecasts. They have been advised to email the client every two days. If he does not reply, then the group will do the best that they can with what they have. | | | |
| **Project Recommendations**   |  | | --- | | The project will be completed on time as long as the group follows the schedule. Rest assured that the group is exerting their best in accomplishing the task at hand. They are study and identify about the framework will going to use for creating prototype. They also take into consideration all the comments made by their professors. They are also working on mitigating issues and risks that can affect the project with the help of their project adviser and professors. | | | |
| **Objectives for Next Project Status Review**   |  | | --- | | The group aim to identify what framework will use for creating their prototype, They need to start as much as possible. | | | |
| **Related Project Information**   |  | | --- | | * All 13 UML diagrams can be viewed in projects2/wiki, planner, and GitHub * Attached below are screenshots of the group’s email correspondence with the client   *1. Email set by project manager to client regarding raw data*    *2. Follow up email sent by group member to client, 2 days after first email from project manager.*    *3. Client’s reply* | | | |



# PROJECT STATUS REPORT APPROVALS

**Prepared by** \_\_Katelyn Anne S. Calma\_\_\_\_\_\_\_\_\_\_\_\_\_

Project Manager

**Approved by** Sir Ernesto “Boogie” C. Boydon\_\_\_\_\_\_\_

Project Advisor

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Client Sponsor



# APPENDICES

## Document Guidelines

## Project Status Report Sections Omitted

