

**Project Status Report**



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

**Department:** SoCIT

**Focus Area:**

**Product/Process:**



**Prepared By:**

|  |  |
| --- | --- |
| **Document Owner(s)** | **Project/Organization Role** |
| Katelyn Anne S. Calma | Project Manager |
| Eugene B. Delfin | Project Developer |
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**Project Status Report Version Control**

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Date** | **Author** | **Change Description** |
| 1.0 | 06/08/17 | Katelyn Anne S. Calma | 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 |

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# 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 project is still in its early stages. The group is still planning and researching about the subject matter – mainly forecasting and Artificial Intelligence techniques.

* The project is still in the planning and research stage. However, this week’s actions are in preparation for the analysis of requirements stage. It will also help them decide on what AI technique to use in resolving the problem.
* The group has focused on researching, learning and understanding which aspects of forecasting can Artificial Intelligence (AI) be applied in. Therefore, giving more attention to forecasting and AI this week.
  + The proponents have conducted a short background research about different AI techniques. They have made short paper about Backward Propagation, Optimization Model and Genetic Algorithm
* During the scheduled meeting with the group’s adviser, they went over some of the risks and issues. Some of these risks and issues have been addressed and dismissed.
* The group have also learned not to panic and overthink the project. This results to creating issues in the project that are not significant or wholly true.

## Project Status Report Template

|  |  |  |
| --- | --- | --- |
| Project Name | | |
| Prepared By:  Katelyn Anne S. Calma | Date:  06/19/17 | Reporting Period:  06/12/17 to 06/19/17 |
| Project Overall Status:  The project is still in its early stages. The group is still planning and researching about the subject matter. They have focused on researching, learning and understanding which aspects of forecasting can Artificial Intelligence (AI) be applied in. Hence, they gave more attention to forecasting and AI this week. This will help them during the requirements analysis stage. It will also help them know how to approach the problem. Furthermore, it will help them decide on what AI technique to use in resolving the problem. | | |
| Project Summary:  Last week, the group met with their project adviser as scheduled. They went over the risks and issues stated in the previous Project Status Report (06/12/17). Sir Boydon said that having little background knowledge about coding Artificial Intelligence (AI) is not a problem. Once the proponents know what algorithm to use and which aspects of forecasting can AI be applied in, coding the module would just be a matter of what language they are comfortable in using. It can be seen in this situation that the group were panicked and made an issue of something that was normal. Hence, the group has focused on researching more about forecasting and AI. | | |
| **Milestone Deliverables performance reporting over last period**   |  |  |  |  | | --- | --- | --- | --- | | **Milestone Deliverables** | **Due Date** | **% Completed** | **Deliverable Status** | | Short Background Research | | | | | * Backward Propagation | 06/19/17 | 100% | On Schedule | | * Optimization Model | 06/19/17 | 100% | On Schedule | | * Genetic Algorithm | 06/19/17 | 100% | On Schedule | | Group Discussion | | | | | * Discussed among themselves the different AI techniques | 06/19/17 | 75% | Behind Schedule | | * Prepared a list of questions | 06/19/17 | 75% | Behind Schedule | | | |
| **Milestone Deliverables scheduled for completion over next period**   |  |  |  |  | | --- | --- | --- | --- | | **Milestone Deliverables** | **Due Date** | **% Completed** | **Deliverable Status** | | Further Research | | | | | * Clarify concepts with adviser | 06/26/17 | 25% | On Schedule | | * Background Research – a more deeper understanding of the previously submitted short background research | 06/26/17 | 25% | On Schedule | | * Group Discussion | 06/26/17 | 75% | On Schedule | | | |
| **Project impact of milestone success or failure for project remainder**   |  |  | | --- | --- | | In order to identify which aspects of forecasting where AI can be applied, the proponents have conducted a short background research. Since it is hard to learn by oneself, the group has conducted a group discussion. | The proponents have researched about Backward Propagation, Optimization Model, and Genetic Algorithms. They have also discussed among themselves these three AI techniques in order to have a unified understanding. They have also prepared a list of questions for their project adviser in order to clarify some concepts/terms. | | | |
| **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** | | Group may be pressed for time   * Running late on some tasks | Medium | Medium | Medium | The group is working hard to address this risk and catch up on schedule. | | Misunderstanding of AI techniques | Medium | Low | Medium | The group research during their spare time and consult with their adviser. | | | |
| **Project Issue Management Status**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Issue and Description** | **Project Impact** | **Target Due Date** | **Issue Status** | **Issue Resolution** | | Panic amongst the group   * Overthinking * Rushing of tasks | Low | 06/19/17 | Closed | Focus on the task at hand do not overthink. | | | |
| **Project Recommendations**   |  | | --- | | If the all the scheduled activities and modules are accomplished on time, then the project will most likely be completed on time and on budget. Project deliverables are expected to be attained within the scope of the project. The proponents are consistent in producing effective and efficient solutions to address risks and issues, if not be lessen. The communication between the project team and the adviser is consistent from the beginning thus, making sure the group is well-guided. | | | |
| **Objectives for Next Project Status Review**   |  | | --- | | The main objective for the next project status review is to conduct further research of different Artificial Intelligence techniques. Another objective is to have a deeper understanding of already discussed AI techniques. This will help narrow down which techniques to use in the module. | | | |
| **Related Project Information**   |  | | --- | | Short Background Research   * Attached along with this Project Status Report in the group’s planner * https://asiapacificcollege.sharepoint.com/sites/ForecastModule1/\_layouts/15/WopiFrame.aspx?sourcedoc=%7B9B12DFB4-16D3-42FB-8688-CCB1A42C2223%7D&file=Forecast%20Module%201%20Notebook&action=default&RootFolder=%2fsites%2fForecastModule1%2fSiteAssets%2fForecast%20Module%201%20Notebook&wdo=6 | | | |



# PROJECT STATUS REPORT APPROVALS

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

Project Manager

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

Project Advisor

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Client Sponsor



# APPENDICES

## Document Guidelines

## Project Status Report Sections Omitted

