# 2. PROJECT CHARTER

## 2.1 Background

In this scenario, we were assumed the role as project management team from a company named *Good Life Pte. Ltd. (GL),* with the project entitled **‘Integrated Supply Chain Management Project’ (ISCMP)**.

ISCMP is a project aimed to **enhance supply chain operations**. Therefore, ISCMP features **a Supply Chain Management (SCM) software** supported by a centralized data warehouse to manage all users’ respective region’s inventory in a faster pace. While the created system has business intelligence capable of **inventory** management for markets in South East Asia region, the system also covers **transportation** management, **order** management, **yard** management, **labor** management, and **warehouse** optimization.

While the project was scheduled to be completed in 6 months, the previous project manager’s attempt on the project for the first 2 months could be summarized as ‘failure’. Therefore, we as a new management team were instructed to **complete the ISCMP in the next 4 months**, while resolving all issues that arose from the previous management.

## 2.2 Aim and Objectives

**AIM**

To implement a centralized data warehouse that can provide business intelligence services, which allow users to make optimum decisions in their regional inventory management.

**OBJECTIVES**

* Enable production entry by removing raw materials and automatically updating finished goods in the accounting system.
* Able to anticipate the product demand by the amount of item recorded in warehouse, customer sales and other relevant aspects.
* Calculation of manufacturing costs from raw material to labor cost for cost analysis.
* Enable documentation of required raw materials, created product, and labor amount for production
* Include automated demand planning where what materials are needed to be ordered and what products are needed for higher production rate based on anticipated demand
* All market users in the South East Asia region can manage inventory, order, yard, and labor information from a centralized data warehouse.

## 2.3 Scope

### 2.3.1 Product Deliverables

* Inventory management system
* Product management system
* Order management system
* Yard management system
* Labor management system
* Warehouse optimization system

### 2.3.2 Project Scope

* Complete a supply chain management system that is integrated for users in South East Asia markets
* The management system must contain common functions of a typical supply chain management software.

## 2.4 Constraints

1. Some of the budget was used in the first 2 months, and therefore the leftover budget is limited for the recovery effort
2. The deadline is set to 4 months later, which is a time constraint from the previous 2 months being non-productive
3. The project is currently deemed a failure from the feedback report
4. Several required software development skills were lacking
5. The information of the project stakeholders remains unknown

## 2.5 Estimation Budget

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| **Estimated Budget** | **$280,000.00** |
| Hardware | $50,000.00 |
| Development Software | $80,000.00 |
| Manpower | $100,000.00 |
| **RESERVE** | **$50,000.00** |

## 2.6 Roles & Responsibilities

| **Role** | **Source / SME-Department** | **Responsibility** |
| --- | --- | --- |
| Project Manager | Internal (GITS – Project Management Centre/PMAC) | * Prepare project management plan and revision(s) as deliverables * Define Project Scope, Aim & Objectives |
| Project Sponsor | Internal (GITS) | * Approving key project deliverables * Initiating and participating in project reviews and providing directions |
| Project Manager Advisor | Internal (GITS – Project Management Centre/PMAC) | * Assist Project Manager in determining the essential plans required for the project * Relay necessary information regarding project updates and changes |
| Software Engineer | Internal (GITS – Application Development Centre/ADC; Data Center Operations/DCO) | * Develop the core mechanics of the software * Fulfil the software requirements as stated in Product Deliverables that could function normally. |
| UI Designer | Internal (GITS – Application Development Centre/ADC) | * Create a user-friendly user interface for the system’s controls |
| Software Tester | External (Market – Human Resources Dept/HR) | * Test-running the software prototype * Uncover bugs from testing and submit relevant reports to the software development teams. |
| Quality Control Manager | Internal (GITS – IT Operations/ITO) | * Compile feedbacks from software tests and generate feedback & improvement report to software developers |
| Technical Assistant | Internal (GITS – IT Security) | * Resolve all errors occurred in the development software and hardware that could prolong the development process |
| Communication Officer | External (Market – Procurement/PROC) | * Contact potential project sponsors for assistance in project development. |
| Procurement Officer | External (Market – Procurement/PROC) | * Identify potential sponsors as stakeholders * Audit available resources of procurement from project sponsors |

## 2.7 High Level Risks

Several high-level risks have been identified for the project to be successful, including:

* Failure of uniform communication means between departments of project.
* Missing of a proper organizational structure that could clearly divide the development team to their respective ‘specialty tasks’.
* Severe lack in specific areas of software development, the network and security section among the areas in question.

## 2.8 Major Project Milestones

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| --- | --- | --- |
| **Milestones** | **Date** | **Descriptions** |
| Start Project | 11/6/2018 |  |
| Receive Project Approval | 19/6/2018 |  |
| Complete Planning Phase | 13/7/2018 |  |
| Complete ISCMP Requirements | 24/7/2018 |  |
| Complete ISCMP Development | 20/9/2018 |  |
| Complete Testing | 9/10/2018 |  |
| ISCMP Installation | 15/10/2018 |  |
| Functional ICSMP | 22/10/2018 |  |
| Project End | 30/10/2018 |  |

## 2.9 Critical Success Factors

Several success criteria have been identified as critical success factors that would lead to effective completion of the project, in which include:

1. Complete the project within the allocated budget of $280,000.00 with no budget overruns.
2. Efficient usage of capable resources would be selected from the SME-departments as within the organization structure of **Good Life Pte. Ltd.** and **Global IT**.
3. The created system must be able to be supported by current IT infrastructure.
4. It is mandatory for related departments in Global IT Service to provide approval and signoff for system implementation
5. All support staff and users must have access to the developed system with relevant Access Level (ACL) privileges
6. The current system must be replaced in phases by ISCMP.
7. The cutover and transition from the current system with the newly developed system must be in **parallel**

## 2.10 Signature

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| **SIGNATURE** | | | |
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| Good Life Pte. Ltd.  Company Executive Officer | Project Manager | Project Manager Advisor | Project Sponsor |