UNIVERSITI TEKNOLOGI MARA

SOFTWARE REQUIREMENT ANALYSIS

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CSC577: SOFTWARE ENGINEERING – THEORIES AND PRINCIPLES

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1.0 Organization chart

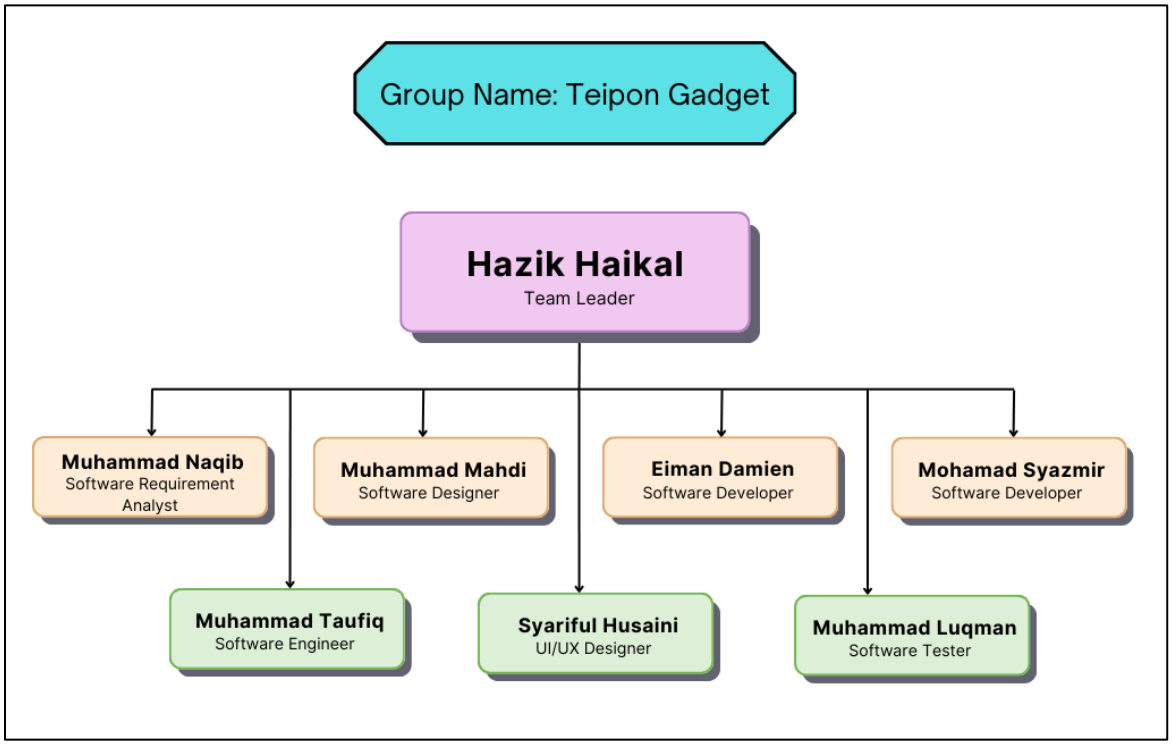

Figure 1-1 : Organization Chart

2.0 Role and responsibility

Table 2-1 : Job Description

Name	Role Description
 Hazik Haikal [Team Leader]	• Supervises the project and ensures the team stays on schedule. • Facilitates communication between team members. • Executing full lifecycle software development.
 Muhammad Naqib [Software Requirement Analyst]	• Gathers and documents software requirements. • Ensures all features meet the client's needs.
 Muhammad Mahdi [Software Designer]	• Designs the system architecture. • Collaborates with the UI/UX designer for interface designs.
 Muhammad Luqman [Software Tester]	• Tests the software for bugs and verifies functionality. • Writes test cases to ensure the software is functioning properly.

 Eiman Damien [Software Developer]	• Writes, debugs, and maintains the software code. • Cooperates closely with the designer to implement software features.
 Mohamad Syazmir [Software Developer]	• Codes features based on the design. • Assists in troubleshooting software issues.
 Muhammad Taufiq [Software Engineer]	• Responsible for deployment of the system and evaluate user feedback. • Ensures the system's database performance and security.
 Syariful Husaini [UI/UX Designer]	• Designs graphic user-friendly interfaces to illustrate how sites function and look like. • Works with developers to ensure proper implementation of designs.

3.0 Introduction

3.1 Identification

System Number	:	TPG-2024-1
System Name	:	Teipon Gadget System
System Abbreviation	:	TGS

3.2 System Overview

This existing system in Teipon Gadget, Seksyen 7 have been using manual processes for all gadget transactions. Thus, it is time for the shop to start expanding their shop to having operations online and implement a system to manage these transactions efficiently in order to support the business growth.

3.3 Document Overview

Scope

In this system, staff and customer both are the user. The main task of the system for staff is to create, read, update and delete phone list in the system while customers can sort or search the phone following the customer criteria.

Purpose

The purpose of this document is to determine the pre-eminent specification of the TPG in terms of the needs of the end user. This system is developed to keep and store information of phones and customers transactions in a more efficient and effective way.