Managerial Report

WIX1002 Fundamentals of Programming

Project 3: To Do List

Tutorial Group: Group 3

Group SOUT

Lecturer Name:Dr. Mohamad Hazim bin Md Hanif

Group Member:

NO.	NAME	MATRIC NO.
1	Lai Zhi Hang	24066429
2	Gianina Lazaroo	24066775
3	Kwek Chee Ling	23080328
4	Lee Yu Xuan	23098783
5	Mah Kah Mun	24004590

1.0 The formation of the team

Our team consists of five members, with Lai Zhi Hang as the leader and Gianina Lazaroo, Kwek Chee Ling, Lee Yu Xuan and Mah Kah Mun as the members. We got to know each other before being required to form a team for the group assignment. Thus, we decided to work together for the assignment as we believed it would be better to cooperate with friends. As for the leader selection, Lai Zhi Hang has the most experience in Java among us, so we unanimously agreed he would lead the team well.

2.0 Role and Assigned work for each of the members

Role	Member
Leader, Lead-Programmer, Sub-Product Tester	Lai Zhi Hang
Lead-Programmer, Lead Product Tester	Kwek Chee Ling
Report making, Sub-programmer, Sub - Product Tester	Lee Yu Xuan Gianina Lazaroo Mah Kah Mun

Group member	Assigned Work
Lai Zhi Hang	● Data Analytics ● Technical Report
Kwek Chee Ling	● Graphical User Interface, Email Notification System ● Technical Report
Lee Yu Xuan	● Task Creation, Task Management, Task Deletion ● Technical Report ● Managerial Report
Gianina Lazaroo	● Task Dependencies, Edit Task, Storage System, Data

	Load State ● Technical Report ● Managerial Report
Mah Kah Mun	● Task Sorting, Task Searching, Task Recurring ● Technical Report ● Managerial Report

3.0 The project timeline

Task	Academic Week									
	W4	W5	W6	W7	W8	W9	W10	W11	W12	W13
Discussion on group assignment	▓									
Collecting idea	▓	▓								
Making flowchart			▓							
Create the mind map and direction			▓							
Distributing the work				▓						
Phase 1 developing					▓	▓				
Phase 2 developing							▓	▓		
Compilation of code								▓	▓	
Documentation									▓	▓

4.0 Problem & Solution

4.1 The Problems Faced in Accomplishing the Assignment

1. Due to occasional online learning, cooperation among teammates became more challenging, as ideas and suggestions could not always be communicated promptly.
2. It was also difficult to keep track of each other's progress.
3. Moreover, the questions required a deep and thorough understanding of Java, which posed a significant challenge for us.

4.2 Solutions

1. We distributed the work based on each member's strengths and abilities.
2. A Telegram group was created for discussions related to the group assignment.
3. We held meetings 2–3 times per month to ensure everyone was on track and to check the assignment progress.
4. All source codes were uploaded to GitHub, enabling us to contribute and collaborate on a single project.
5. Additionally, we referred to the demo provided by the question setter to gain a better understanding of the requirements.

5.0 Other Issues Arised

1. There are a lot of program bugs that are still available in this project.
2. Challenges in managing unexpected user inputs like invalid task numbers and invalid date formats.
3. Some features may have taken longer than expected, leaving limited time for testing and optimization.