

Unit 2 - Activity 10 - Designing Project
SDLC ASSIGNMENT USING PROJECT MANAGEMENT

THE ROSEDALE GOLF COURSE PROJECT

Project background

Rosedale golf Course is a four-year-old signature golf course based in Toronto. Being unique, the number of memberships is increasing and putting strain on the existing information system.

The current system is used only by Accounts Department to process Accounts Payables and Receivables. With the steep increase in the memberships, Bookings and Maintenance the Human Resource department is getting overwhelmed with the paper work. Therefore, there is a need to add these functions to a new system.

You are the Project Leader for Valika Solutions Inc., which has been contracted by Rosedale Golf Course to undertake this project. You need to advise how to develop the new system in a tightly constrained time period. Specifically, you have been advised that the project can start no earlier than **Mon, 29th May 2017** and must be completed by **Thu, 18th May 2017**.

You report to Ms Antolia, the Project Manager for Valika Solutions Inc, who liaises with Rosedale Golf Course. You will report your progress and plans of the project to Ms Antolia.

Assessment

Deliverable #1: Initial Gantt Chart	2 marks
Deliverable #2: Report.....	4 marks
Deliverable #3: Resource Management	6 marks
Deliverable #4: Final Gantt Chart and Budget Report	2 marks
Assignment Submission both in Print and upload on Drop Box	1 mark
 TOTAL MARKS	 15 marks

The Project Management assignment is assessed according to:

- The criteria outlined in the Assessment Criteria listed with each Deliverable; and
- Your assignment materials must look like professional documents. You are **REQUIRED** to:
 - Add coversheet (type your details using the cover sheet provided, print it, then submit with your Deliverables)
 - Print the Deliverables on white paper using a quality printer
 - Format the Deliverables as specified

Student to Fill

Date:	24 th May 2022
Time:	
Surname:	Khine
First name:	Phone Pyae Thet
ID number:	

Marker to Fill

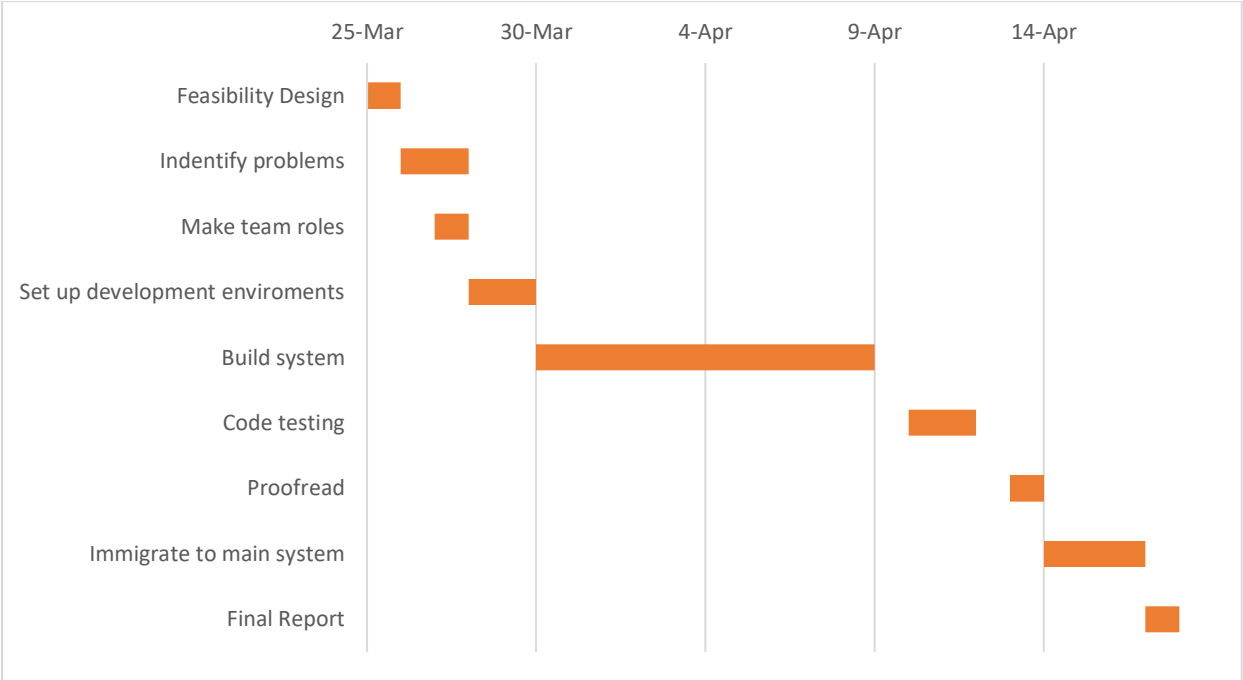
DELIVERABLE:	NOTES:	MARKS	
Deliverable 1	Gantt Chart		out of 2
Deliverable 2	Report		out of 4
Deliverable 3	Resource Management		out of 6
Deliverable 4	Final Gantt Chart and Budget Report		out of 2
Assignment Submission			out of 1
Total of the above			out of 15
Deduction (i.e. late submission, plagiarism)			
Assignment Total			out of 15

INDEX

S. No	CONTENTS	PAGE
PHASE 1: FEASIBILITY STUDY		
1.1.	Identify Problem	
1.2.	Understand and Analyse problems	
1.3.	Estimate Project Cost	
1.4.	Access Project Risk	
1.5.	Propose Solution	
1.6.	Task Scheduling	
PHASE 2: REQUIREMENT ANALYSIS		
2.1.	Investigate Current Environment	
2.2.	Investigate and Define Requirement	
PHASE 3: REQUIREMENT SPECIFICATION		
3.1.	Prepare Specification	
3.2.	Prepare Case Diagram	
3.3.	Prepare Data Dictionary	
3.4.	Prototyping	
PHASE 4: SYSTEM DESIGN		
4.1.	Design New System	
4.2.	Design Test Plan	
PHASE 5: CODING AND TESTING		
5.1.	Coding	
5.2.	Unit Testing	
5.3.	Integration Testing	
5.4.	Update Data Dictionary	
PHASE 6: SYSTEM TESTING		
6.1.	Hardware and System Testing	
6.2.	Acceptance Testing	
6.3.	Prepare Documentation	

Initial Gant Chart

Tasks	Start_Date	End_Date	Duration
Feasibility Design	25-Mar	26-Mar	1
Identify problems	16-Mar	18-Mar	2
Make team roles	17-Mar	18-Mar	1
Set up development environments	18-Mar	20-Mar	2
Build system	20-Mar	10-Apr	21
Code testing	11-Apr	13-Apr	2
Proofread	13-Apr	14-Apr	1
Immigrate to main system	14-Apr	17-Apr	3
Final Report	17-Apr	18-Apr	1



Report

This project will start as scheduled on the 25th of May starting off with the feasibility of the design and the identification of problems the following day. This process will oversee the entire project as we will be making decisions and predictions of what we will need for the foreseeable future of the project. The feasibility will be done by looking at the current running program and comparing it to the demanded program to see if the project will be doable or not. The identification of problems will be looking at the current program to see what needs improvement and looking for features that the current program is missing as well as asking feedbacks from the operators of the current program. After 2 days of identifying the problems, the team will be assigned roles and will be given tasks on the development of the new program, this part is very important because the roles will not and cannot be changed after they have started coding the project. After this time, they will also be setting up their development environments to program basic codes and also for their individual roles. After everything is set up and ready to move on, the team and I will be going on a coding streak for 10 days and during these 10 days we will be developing the new program using bleeding edge frameworks to satisfy the needs of the new customers. After the program has all the functionality after the 9th of April, there will be 3 days' worth of code testing and quality checking. After we have made sure that there are no bugs and all the functionality is working, there will be another 2 days for proofreading in which we will make sure that everything is typed out correctly with the right usage of words. When these are all done it will be ready to be migrated to the main system. The migration process will 3 days with all the testing included and will be done on the 17th of April. On the 18th we will write our final report and submit it to the Golf Course.

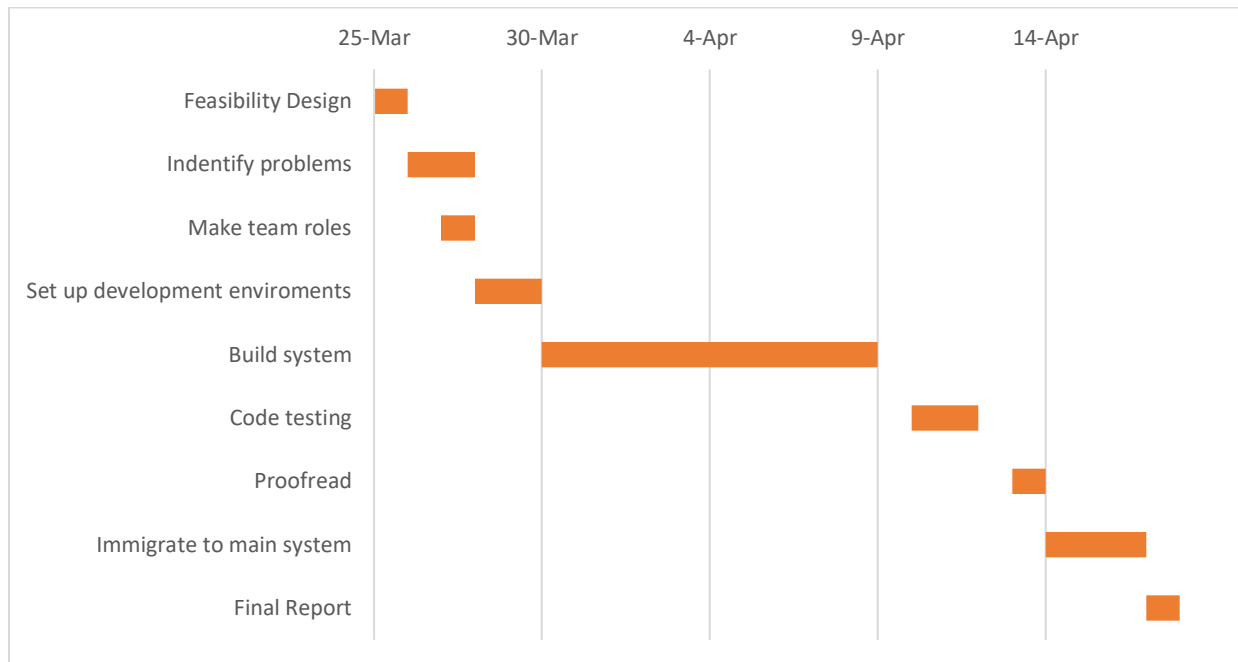
Resource Management

Task	Assigned
Feasibility Design	Manager
Identify problems	Manager and Team
Make team roles	Manager and Team
Set up development environments	Team
Build system	Manager and Team
Code testing	Code tester (Mikael)
Proofread	Proofreaders (Kyle)
Immigrate to main system	Manager and Team
Final Report	Manager

This project is either the team's work or the manager's work or both the team and manager work. The other task such as the code testing and proofreading is done by the team members who is really proficient in that part.

Final Gant Chart and Budget Report

Tasks	Start_Date	End_Date	Duration
Feasibility Design	25-Mar	26-Mar	1
Identify problems	26-Mar	28-Mar	2
Make team roles	27-Mar	28-Mar	1
Set up development enviroments	28-Mar	30-Mar	2
Build system	30-Mar	09-Apr	10
Code testing	10-Apr	12-Apr	2
Proofread	13-Apr	14-Apr	1
Immigrate to main system	14-Apr	17-Apr	3
Final Report	17-Apr	18-Apr	1



The final Gantt Chart did not change much except for the proofreading process is done in 1 day instead of 2 days which we expected. Seems like Kyle overperformed in this project. The budget needed for this entire project is around \$50000 with all the fees included. The total wages for the programmers are around \$36800 and the administrative fees are \$5000. The other miscellaneous fees are the computer hardware and web server hosting fees. The plan for web hosting is paid for 3 years in advanced with all the leftover budget.