**Unit 2 - Activity 10 - Designing Project**

**SDLC ASSIGNMNET 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: | 24th May 2022 |
| Time: |  |
| Surname: | Khine |
| First name: | Phone Pyae Thet |
| ID number: |  |

Marker to Fill

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| 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 |

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**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 |
| Indentify 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.