In partial fulfillment of the requirement for

System Development

420-940-VA section 05808

Vanier College

Project plan

1st Deliverable

Customer Name:

Delhi Kebob

Team Name:

Green Team

Team Leader:

Lei Wang

Team members:

We certify that we have contributed to this deliverable:

Lei Wang, ID: 2295046



Bing Bai, student ID# 2295011

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Description automatically generated

Shayekh Tarafdar, student ID# 2295035

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Mark Benedict Muyot, student ID# 2295022

Date of Submission:

September 16, 2022

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**INTRODUCTION**

In the previous blocs, our team have experienced working with database-related project. We were able to use Microsoft Server Management Studio in designing and managing our database for our car rental project. We also dealt with HTML, CSS, and some JavaScript functions in building our own personal website. Some members experienced applying Java Swing in creating graphical user interface for their airplane manufacturing simulation program. Another team member successfully used Apache Maven and Spring Boot framework in his online grocery store. While others were able built a hotel reservation system and their own web search engine.

In this bloc, we will be working with web service and C# related projects. We will be dealing with APIs and building desktop applications.

In order for our team to build a robust and efficient system for our prospective client, we will be considering all the concepts and resources applied from our earlier projects as well as the new concepts that we will be learning from the two other subjects.

**EXECUTIVE OVERVIEW**

In this deliverable we

In the final part of this deliverable, we included a project plan in the form of a Gantt chart and WBS. The team carefully analyzed how to schedule all the tasks and how resources will be allocated in order to for the team to submit all deliverables on time. This chart will serve as a guide in managing and monitoring all tasks that is needed for the completion of this project.

The team also included citations for the sources they consulted and appendices for supporting documents.

*In this deliverable, we go over our plans for our future information system. To do*

*so, we employed an Agile software development tool: user stories. We created*

*thirty user stories based on our client’s current system and developed it further to*

*reach our future information system goals. A detailed narrative description of our*

*client and our future information system is included.*

*We list all our planned new features, i.e., user stories, in order to achieve a*

*concrete procedure when we start our implementation. User stories need*

*confirmation that they can be implemented correctly and that they follow the*

*given conditions that each should satisfy. For that purpose, we made sure to*

*create a minimum of two tests for each user story which follow the GIVENWHEN-*

*THEN format for ample clarity.*

*In the last section of this deliverable, in order to showcase the project backlog, we*

*have also enclosed a user story map. This allows a visual representation of the*

*user stories which aids in the understanding of the functionality of our system.*

An executive overview (maximum 1 page) summarizes the major findings of the project to-date

and highlights (in words) the elements of the report being submitted. It is more than a table of

contents in narrative form. It actually summarizes the contents of the document and contains all the

essential information a business executive who does not necessarily have time to read the whole

document needs to know to understand the crucial elements of your project at that point. Typically, it

is written after the rest of the report is completed.

**BRIEF DESCRIPTION OF POTENTIAL CLIENTS**

**TEAM ORGANIZATION**

Our team will hold a regular meeting every Tuesday from 2:00 PM to 4:00 PM on Microsoft Teams. We will have a synchronous meeting during that time. An emergency meeting can also be held to handle any unforeseen events that call for quick action this is in addition to the regularly scheduled meeting, as agreed upon by all parties. Meeting outside will be reserved for client visitation and interview. A sample team agenda is also attached in this project. (**See Appendix A**)

For this project, we set up a Git Hub as a remote repository (Ullah, 2022). In this way we can easily collaborate and share our work in a well organized and secured manner. We also set out repository to have two reviewers to avoid any merge conflicts.

Each team member is required to have a participation in all deliverables. The team leader for each deliverable will facilitate the meeting. The primary role of the team leader is to oversee all activities within the scope of the assigned deliverable to him/her. Assigned Team leader will make sure that all tasks and deadlines will be met. **(See Appendix B)**

Two team members will examine and proofread the report before submitting it to look for errors, determine whether any tasks were not met, and ensure the document is formatted according to APA standards. The team leader for that deliverable will be the last person to examine the document before submitting it to the professor.

We also included contact information of each team members to establish ensure proper communication. (**See Appendix C**)

**PROJECT PLAN**

**REFERENCES**

Ullah, Md Ibrahim (2022, September 02). *“https---github.com Vanier Green Team 2022 Green*

*Team”.* <https://github.com/MdIbrahimUllah/https---github.com>

VanierGreenTeam2022GreenTeam.git

Tefl-Dude (2019, November 2019) *“How to Add a Signature to PDF or Word Documents.*

[Video] YouTube. <https://www.youtube.com/watch?v=fjOFSwgmkXw>

Wrike, Inc (2006). “How to Use a Gantt Chart for Project Management”.

https://www.wrike.com/project-management-guide/faq/how-to-use-a-gantt-chart-for-

project-management/

Valentin, K. (2020, August 12) “ProjectLibre tutorial for beginners. How to use

projectmanagement software”.[Video] YouTube.

https://www.youtube.com/watch?v=BeUaj5SXd4J5Mo

**APPENDIX A: SAMPLE TEAM AGENDA**

Date | time 9/1/2022 12:00 AM| Location Teams online

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | Meeting called by | Prof Julian Lebensold | | Type of meeting | Preparation for 1st deliverable/ getting to know teammates/ assigning tasks | | Facilitator | Lei Wang | | Note taker | Mark Benedict Muyot | | Timekeeper | Shayekh Tarafdar | | Attendees [Attendees]  Bing Bai  Lei Wang  Bermet Doolbekova  Ibrahim Ullah  Shayekh Tarafdar  Mark Benedict Muyot  Please read [Please read]  Deliverables and deadlines  Please bring [Please bring] |
|  |  |

## Agenda Items

|  |  |  |
| --- | --- | --- |
| Topic | Presenter | Time allotted |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Getting to know team members | All | 30mins |
|  | Discussed project ideas and went through deliverables | All | 30mins |
|  | Discussed Potential clients | All | 1hr:00 |
|  | Break | none | 30 mins |
|  | Went through deliverable one and assigned the tasks | Mark | 30 mins |
|  | Finalized Team Journal | Shayekh | 30 mins |

## Other Information

Resources [Resources]

-PDF files from professor

Special notes [Special notes]

-Ibrahim created a Git repository

-Bing will create a Gantt Chart

-Bermet collected contact information

|  |  |  |
| --- | --- | --- |
| **Deliverable** | **Team Leader** | **Deadline** |
| 1-PROJECT PLAN (POSSIBLE TO DO WITHOUT CLIENT | LEI | 16-Sep |
| 2- CLIENT & BUSINESS DOMAIN, SUMMARIES AND QUESTIONNAIRES | SHAYEKH | 23-Sep |
| 3- ANALYSIS- USE CASES, UML DIAGRAMS | BING | 30-Sep |
| 4-REQUIREMENTS- USER STORIES | IBRAHIM | 14-Oct |
| 5-PROTOTYPE USER INTERFACE | MARK | 24-Oct |
| 6-DB DESIGN | BERMET | 31-Oct |
| 7-IMPLEMENTATION AND CLIENT COMMENTS | LEI | 09-Nov |

**APPENDIX B: TEAM LEADER ASSIGNMENT**

**APPENDIX C: TEAM MEMBERS CONTACT DETAILS**

|  |  |  |
| --- | --- | --- |
| **Team Members** | **Contact Number** | **Email** |
| Lei Wang | 1(514)691-9201 | [2295046@edu.vaniercollege.qc.ca](mailto:2295046@edu.vaniercollege.qc.ca) |
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