In partial fulfillment of the requirement for

System Development

420-940-VA section 05808

Vanier College

Project plan

1st Deliverable

Customer Name:

Delhi Kabab

Team Name:

Green Team

Team Leader:

Lei Wang

Team members:

We certify that we have contributed to this deliverable:

A picture containing text, night sky

Description automatically generated

Lei Wang, ID: 2295046



Bing Bai, student ID# 2295011

A picture containing text, dark

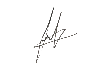
Description automatically generated

Shayekh Tarafdar, student ID# 2295035

Text

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Md Ibrahim Ullah, student ID# 2295025



Bermet Doolbekova, student ID# 2295017

A picture containing night sky

Description automatically generated

Mark Benedict Muyot, student ID# 2295022

Date of Submission:

September 16, 2022

**TABLE OF CONTENTS**

1. Introduction………………………………………………………….…...3

2. Executive Overview ……………………………….………………..…...4

3. Client…………………….…………………………...…….……….……5

3.1 Description………………………………………...…… ........…5

3.2 Computer Skills and Literacy…………………………...…........5

3.3 Business Problem……………………………………….………5

4. Team Organization …………………………………………………....…6

4.1 Meeting Schedules & Communication Strategy………………..6

4.2 Repositories……………………………………………..………6

4.3 Areas of responsibilities………………………………………...6

4.4 Reports………………………………………………………….7

4.5 Contact Information.……………………………………….…...7

5. Project Plan ……………………….……………………………………..8

6. References…………………………………………………………..……9

7. Appendix A. Sample Team Agenda………….………..…………….….10

8. Appendix B. Team leader/Client’s Contact Assignments…....…………11

**1. 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 block, we will be working with web services 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.

|  |  |  |
| --- | --- | --- |
| **Projects Made** | **Tools Used** | **Contributor/s** |
| Cars2Go Database | Microsoft SQL Server | All team members |
| Personal Website | HTML, CSS and Java Script | All team members |
| Simulation program | Java and Java Swing | Ibrahim and Mark |
| Online Grocery | Java, Spring Boot Framework, and Apache Maven | Bing Bai |
| Web Search Engine | Java | Shayekh |
| Hotel Reservation System | Java | Lei and Bermet |

**2. EXECUTIVE OVERVIEW**

In the first part of the deliverable the team was able to collaborate well in finding a suitable client for this project. After days of doing prospecting and cold calls, the team was able to narrow down their list of potential clients and got the approval from their professor.

The team was able to collect preliminary information from the client which is helpful in identifying client’s background and analyzing their needs.

In this deliverable, the team was also able to create a structure on how to work collaboratively. They were able to schedule a regular team meeting each week and set up repositories for saving their work using GitHub and Microsoft Teams. The team also agreed on the areas of responsibility of each team leader. All information on the structure of how the team will work can be found in their team organization.

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 break down, schedule, and allocate all resources for all the tasks in order 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 used Project Libre as their tool for creating their WBS and Gantt chart. The team exerted lot efforts in studying how to create a Gantt chart and manually compute slack to determine the critical path (Path, 2020).

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

**3. CLIENT’S BACKGROUND**

**3.1 Description**

The team was able to qualify Delhi Kabab, a small Indian restaurant, as our client for this project. Delhi Kabab is a cozy, sit-down restaurant plating tandoori chicken, spicy curries, and traditional Indian dishes (Delhi Kebab, n.d.). This fine Indian cuisine also serves variety of French food and various delicious desserts. The business is being operated by two partners with 6 employees. This business has been operating for more than 5 years and is located in Brossard. In this project, the two owners will be the one who are going to handle the proposed system. They are very hands on in managing the restaurant.

**3.2 Computer Skills and Literacy**

The owners have the ability to perform basic tasks on the computer. This includes navigating browser, operating system, and using some applications. For the past 5 years, the owners use Windows Operating System and Microsoft Excel in keeping track of work schedules and employees’ salaries.

**3.3 Business Problem**

Since it is a small business, the two partners are using notepad to list necessary items to be ordered such as ingredients for their food preparations, cleaning items, toilet supplies etc. As per the client, they often lose their list and sometimes forget to update their Excel monitoring sheet for the ordered items. Keeping records in such way produces inconsistencies in their inventory system. This unsecured system also gives way to pilferage. These problems are hampering their business reputation as well as profits. They are more than happy to collaborate with us to solve this inventory management issue.

**4. TEAM ORGANIZATION**

**4.1 Meeting Schedule & Communication Strategy**

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 members. Meeting outside will be reserved for client visitation and interview. A sample team agenda is also attached in this project (**see Appendix A**).

**4.2 Repositories**

For this project, we will be using Microsoft Teams and GitHub as a remote repository for our project. 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. Our GitHub can be accessed thru this link, <https://github.com/MdIbrahimUllah/https---github.com-VanierGreenTeam2022-GreenTeam>.

**4.3 Areas of Responsibilities**

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. All members of the team will have the chance to become a team leader. Assigned Team leader will make sure that all tasks and deadlines will be met **(see Appendix B)**.

Each member will have the chance to communicate with the client. Each deliverable we assigned different team members to coordinate with our customer **(see Appendix B)**.

**4.4 Reports**

Two team members will examine and proofread the report before submitting 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 **(see Appendix B)**.

**4.5 Contact Information**

We also included client and team members’ contact information to establish and ensure proper communication.

|  |  |  |  |
| --- | --- | --- | --- |
| **Client** | **Contact Number** | **Email** | **Website** |
| Delhi Kabab | 450-678-6535 | reservations@delhikabab.com | https://www.delhikabab.com/ |

|  |  |  |
| --- | --- | --- |
| **Team Members** | **Contact Number** | **Email** |
| Lei Wang | 1(514)691-9201 | [2295046@edu.vaniercollege.qc.ca](mailto:2295046@edu.vaniercollege.qc.ca) |
| Bing Bai | 1(514)291-9881 | 2295011@edu.vaniercollege.qc.ca |
| Shayekh Tarafdar | 1(514)242-6591 | 2295035@edu.vaniercollege.qc.ca |
| Bermet Doolbekova | 1(514)663-2212 | 2295017@edu.vaniercollege.qc.ca |
| Md Ibrahim Ullah | 1(514)931-4650 | 2295025@edu.vaniercollege.qc.ca |
| Mark Benedict Muyot | 1(438)490-5111 | 2295022@edu.vaniercollege.qc.ca |

**5. PROJECT PLAN**

Chart

Description automatically generated with medium confidence

**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

project management software”.[Video] YouTube.

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

Delhi Kabab (N.D). *“Delhi Kabab Fine Cuisine Indienne”.*

<http://delhikabab.com/>

**7. 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 mins |
|  | 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

**8. APPENDIX B**

**TEAM LEADER, CLIENT’S CONTACT, & REPORT CHECKER ASSIGNMENT**

|  |  |  |  |
| --- | --- | --- | --- |
| **Deliverable** | **Client's Contact** | **Team Leader/ Report Checker** | **Deadline** |
| 1-PROJECT PLAN | Ibrahim | LEI | 16-Sep |
| 2- CLIENT & BUSINESS DOMAIN, SUMMARIES AND QUESTIONNAIRES | Ibrahim | SHAYEKH | 23-Sep |
| 3- ANALYSIS- USE CASES, UML DIAGRAMS | Mark | BING | 30-Sep |
| 4-REQUIREMENTS- USER STORIES | Shayekh | IBRAHIM | 14-Oct |
| 5-PROTOTYPE USER INTERFACE | Bing | MARK | 24-Oct |
| 6-DB DESIGN | Lei | BERMET | 31-Oct |
| 7-IMPLEMENTATION AND CLIENT COMMENTS | Bermet | LEI | 09-Nov |