

Deliverable #1: Project Plan
Systems Development
Green Team - Vanier College

There are no previous works, either for design or implementation which were used

I, _____, student ID# _____, certify that
I have contributed to this deliverable, _____.

I, _____, student ID# _____, certify that
I have contributed to this deliverable, _____.

I, _____, student ID# _____, certify that
I have contributed to this deliverable, _____.

I, _____, student ID# _____, certify that
I have contributed to this deliverable, _____.

I, the team leader, _____, student ID# _____,
certify that I have contributed to this deliverable, _____.

Client: Louis et Jacob
Name: Louis Vincent De Paul
Contact:
Date: Feb. 5th, 2020

Haymond Yan
James-Gabriel Cortez-Gregoire
Synthia Vincent De Paul
Tristan Turcotte
Xiang Di Su

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Deliverable #1: Project Plan

Executive Overview

We have identified a client, Louis et Jacob, a restaurant in Laval. The manager and owner of the business is Louis Vincent De Paul. The client needs an inventory management system for his wine stock, as quantity on hand is currently being recorded on paper. He would also want the inventory system to notify him of which wines should be ordered and which wines are the most popular.

We organized our team to have meeting times every Tuesday, Wednesday, and Friday. With supplementary meetings and team work times that can be on Tuesday, Wednesday, and Thursday. We will be organizing the team with BitBucket and Google Drive. Our team will primarily communicate through our Slack channel.

The project plan for the semester has been created, with many parallel tasks to ensure that work gets completed on time, with as much slack time as possible.

Client/Sponsor

Client identified.

The client we have identified is Louis Vincent De Paul. He is currently the owner of a restaurant called Louis et Jacob which is situated in Laval. He is in charge of the inventory system for the restaurant. He will be the one to use our inventory database system to keep track of his wine lists in an efficient and simple way.

Client's skills (computer and literacy).

Louis' computer skills consist within the usage of Microsoft Word and Microsoft Excel. He types his food menu using Microsoft Word and uses Microsoft Excel to type his wine menu. He may speak and write properly in both English and French.

Business problem.

Louis currently manages his wine stock manually. He uses paper and pen to write down which wine he is in need of. It takes time for him to go through his wine list to make sure he has them stocked. When his wine bottle runs out he does not know until he sells the last bottle. He would like to have a database system for his wine requirements. It would help him manage which wine he needs to purchase. It would also help him identify which wines are the most popular and which ones are the least popular. Therefore, the system would keep track of which wine Louis sells the most to which one he sells the least.

Team Organization**Meetings.**

The team will regularly meet on Tuesday, Wednesdays and Fridays every week. The team will also have some time after class on Tuesdays from 2:30-4pm and Wednesdays to meet from 12-3pm. If time is critical, we would also schedule a meeting on Thursdays in the morning. During the week, the team will have about 5-6 hours in class and about 3-5 hours outside of class to discuss important things about the client and work on deliverables together.

- Tuesdays: 8am-10am, 2:30pm-4pm
- Wednesdays: 8am-10am, 12pm-3pm
- Thursdays: 10am-11:30pm
- Fridays: 8:30am-11:30am

Online repositories.

The team will be using BitBucket to share team meeting notes, deliverable documents and in the future, our code for the system we're going to create for the client. We'll also be using Google Drive to create documents for the deliverables and meeting notes. All of this will be available on BitBucket.

Communications strategy.

The team will mostly communicate on Slack. We can inform each other of things whenever we aren't in a team meeting, if anything important happens. This can be used on our phones or on our desktops. If a team member cannot be reached for some apparent reason, their phone number can also be used to contact the person.

Lab work vs homework.

The team regularly spends about three to four hours in class to discuss the main upcoming plans for completed tasks, such as discussing on deliverables. During the lab, the team also works on the documentation and gathers as much information. In addition, the note taker writes down all of the information from the team. When doing homework, the team works on specific tasks such as personal journals, documentation fulfillment and information gathering.

Team Members	Email Address	Phone number

Areas of responsibility.***Client contact.***

Each deliverable will have a different team member who is responsible for primary client contact. The responsibilities are listed below.

1st Deliverable – Synthia Vincent De Paul.

2nd Deliverable – James-Gabriel Cortez-Gregoire.

3rd Deliverable – Xiang Di Su.

4th Deliverable – Tristan Turcotte.

5th Deliverable – Haymond Yan.

6th Deliverable – Synthia Vincent De Paul.

7th Deliverable – James-Gabriel Cortez-Gregoire.

Reports.

Each deliverable will have a different team member who is responsible for organizing the work done on the final deliverable reports. We have decided as a team that the person responsible will be whoever is the team leader for that specific deliverable.

1st Deliverable – Tristan Turcotte.

2nd Deliverable – Haymond Yan.

3rd Deliverable – Xiang Di Su.

4th Deliverable – James-Gabriel Cortez-Gregoire.

5th Deliverable – Synthia Vincent De Paul.

6th Deliverable – Haymond Yan.

7th Deliverable – Tristan Turcotte.

Project Plan

	Task Name	Duration	Start	Finish	Predecessors	Resource Names	Deadline	Weight
1	1st Deliverable	10 days	Thu 20-01-23	Wed 20-02-05			Wed 20-02-05	
2	Find a client	7 days	Thu 20-01-23	Fri 20-01-31		James,Synthia,Xiang	NA	3
3	Determine business problem	1 day	Mon 20-02-03	Mon 20-02-03	2	Haymond,James,Synthia,Tristan,Xiang	NA	2
4	Determine major task delegation	1 day	Thu 20-01-23	Thu 20-01-23		Haymond,Tristan	NA	3
5	Create project plan	1 day	Fri 20-01-24	Fri 20-01-24	4	Tristan	NA	4
6	Write report	2 days	Mon 20-02-03	Tue 20-02-04	4,2	Haymond,James,Synthia,Tristan,Xiang	NA	3
7	Proof read report	1 day	Wed 20-02-05	Wed 20-02-05	6,3,5	Tristan	NA	1
8	Team leader presentation	1 day	Fri 20-02-07	Fri 20-02-07	7	Tristan	NA	2
9	2nd Deliverable	8 days	Mon 20-02-03	Wed 20-02-12			Wed 20-02-12	
10	Research business environment	3 days	Mon 20-02-03	Wed 20-02-05	2	Synthia	NA	3
11	Research business domain	3 days	Mon 20-02-03	Wed 20-02-05	2	Xiang	NA	3
12	Formulate client questionnaire	1 day	Thu 20-02-06	Thu 20-02-06	10,11	Tristan	NA	2
13	Meet with client, with questionnaire	1 day	Fri 20-02-07	Fri 20-02-07	12	Haymond,James,Synthia,Tristan,Xiang	NA	4
14	Write report	2 days	Mon 20-02-10	Tue 20-02-11	3,13	Haymond,James,Synthia,Tristan,Xiang	NA	3
15	Proof read report	1 day	Wed 20-02-12	Wed 20-02-12	14	Haymond	NA	2
16	Team leader presentation	1 day	Fri 20-02-14	Fri 20-02-14	15	Haymond	NA	2
17	3rd Deliverable	14 days	Thu 20-02-06	Tue 20-02-25			Tue 20-02-25	
18	Restate business problem	1 day	Thu 20-02-13	Thu 20-02-13	15	Synthia	NA	2
19	Diagram current system	2 days	Thu 20-02-06	Fri 20-02-07	7	Haymond,Xiang	NA	3
20	Fill out use cases	5 days	Mon 20-02-10	Fri 20-02-14	19	James,Synthia,Tristan	NA	5
21	Diagram UML for use cases	3 days	Mon 20-02-17	Wed 20-02-19	20	Tristan,Haymond	NA	3
22	Diagram statechart	2 days	Mon 20-02-10	Tue 20-02-11	19	Xiang	NA	2
23	Diagram classes	2 days	Mon 20-02-10	Tue 20-02-11	19	Tristan	NA	3
24	Get copies of forms/documents client uses	1 day	Thu 20-02-06	Thu 20-02-06	7	Synthia	NA	1
25	Write report	3 days	Thu 20-02-20	Mon 20-02-24	21,22,23,18	Haymond,James,Synthia,Tristan,Xiang	NA	3
26	Proof read report	1 day	Tue 20-02-25	Tue 20-02-25	25,24	Xiang	NA	2
27	Team leader presentation	1 day	Wed 20-02-26	Wed 20-02-26	26	Xiang	NA	2
28	4th Deliverable	25 days	Mon 20-02-17	Fri 20-03-20			Wed 20-03-25	
29	Develop user stories	7 days	Mon 20-02-17	Tue 20-02-25	18,20	Haymond,James,Synthia,Tristan,Xiang	NA	5
30	Develop user story tests	14 days	Wed 20-02-26	Mon 20-03-16	29	Haymond,James,Synthia,Tristan,Xiang	NA	5
31	Diagram user story map	3 days	Wed 20-02-26	Fri 20-02-28	29	Haymond,Tristan	NA	3
32	Write report	3 days	Thu 20-03-17	Thu 20-03-19	29,30	Haymond,James,Synthia,Tristan,Xiang	NA	3
33	Proof read report	1 day	Fri 20-03-20	Fri 20-03-20	31,32	James	NA	1
34	Team leader presentation	1 day	Fri 20-03-27	Fri 20-03-27	33	James	NA	2

	Task Name	Duration	Start	Finish	Predecessors	Resource Names	Deadline	Weight
35	5th Deliverable	32 days	Mon 20-02-10	Tue 20-03-24			Tue 20-04-07	
36	Design paper UI with client input	12 days	Mon 20-02-10	Tue 20-02-25	13	Synthia	NA	3
37	Design computer UI with client input	12 days	Wed 20-02-26	Thu 20-03-12	36	Synthia,Tristan	NA	3
38	Revise user stories and tests	5 days	Fri 20-03-13	Thu 20-03-19	29,37	Haymond,James,Tristan,Xiang	NA	4
39	Revise user story map	2 days	Fri 20-03-20	Mon 20-03-23	38	Xiang	NA	1
40	Write report	3 days	Fri 20-03-13	Tue 20-03-17	37	Haymond,James,Synthia,Tristan,Xiang	NA	3
41	Proof read report	1 day	Tue 20-03-24	Tue 20-03-24	40,39	Synthia	NA	2
42	Team leader presentation	1 day	Wed 20-04-08	Wed 20-04-08	41	Synthia	NA	2
43	6th Deliverable	29 days	Fri 20-02-14	Wed 20-03-25			Tue 20-04-21	
44	Design ER diagram	14 days	Fri 20-02-14	Wed 20-03-04	23	James,Tristan	NA	5
45	Describe attributes, indices, and query optimizations	8 days	Thu 20-03-05	Mon 20-03-16	44	Synthia,Xiang	NA	4
46	Project database memory usage	3 days	Tue 20-03-17	Thu 20-03-19	45	Haymond	NA	2
47	Describe database usage	3 days	Tue 20-03-17	Thu 20-03-19	45	Haymond	NA	1
48	Diagram user-database interactions	3 days	Thu 20-03-05	Mon 20-03-09	44	James,Tristan	NA	3
49	Write report	3 days	Fri 20-03-20	Tue 20-03-24	46,47,48	Haymond,James,Synthia,Tristan,Xiang	NA	3
50	Proof read report	1 day	Wed 20-03-25	Wed 20-03-25	49	Haymond	NA	2
51	Team leader presentation	1 day	Wed 20-04-22	Wed 20-04-22	50	Haymond	NA	2
52	7th Deliverable	38 days	Tue 20-03-17	Thu 20-05-07			Fri 20-05-08	
53	Revise client description and business problem	3 days	Wed 20-03-25	Fri 20-03-27	41	Synthia	NA	2
54	Implement database	6 days	Tue 20-03-17	Tue 20-03-24	45,48	Tristan,Synthia,Xiang	NA	4
55	Implement view	10 days	Fri 20-03-20	Thu 20-04-02	37,38	Haymond,James,Synthia	NA	4
56	Implement model	10 days	Wed 20-03-25	Tue 20-04-07	54	Tristan,Xiang	NA	5
57	Implement controller	10 days	Wed 20-04-08	Tue 20-04-21	55,56	Tristan,Haymond,James	NA	4
58	Discuss design and implementation decisions	3 days	Wed 20-04-22	Fri 20-04-24	57	James	NA	2
59	Write user guide	7 days	Wed 20-04-22	Thu 20-04-30	57	Haymond,Xiang	NA	3
60	Compare prototype and implementation of UI	2 days	Fri 20-04-03	Mon 20-04-06	55	Synthia	NA	1
61	Write report	3 days	Fri 20-05-01	Tue 20-05-05	53,58,59,60	Haymond,James,Synthia,Tristan,Xiang	NA	3
62	Proof read report	2 days	Wed 20-05-06	Thu 20-05-07	61	Tristan	NA	2
63	Team leader presentation	8 days	Fri 20-05-08	Tue 20-05-19	62	Tristan	NA	2