

**Faculty of Science and Technology 420-436-VA | System Development**

DELIVERABLE #1

**Due Date:**

Thursday February 4th, 2025

**Red Team**

Andrew Shahini

John Michael Pasiolan

Florence K. Neflas

Cristian Racila

**Client:**

**Contact Name: Viloria’s Homestay**

**Client name: Margie Albano Viloria**

## SIGNATURES

**We certify that this assignment is our own work.**

I, **Andrew Shahini**, **student ID# 6251183**, certify that I have contributed to this deliverable, A-S

I, **John Michael Pasiolan**, **student ID# 6239041**, certify that I have contributed to this deliverable, J-M-P

I, **Florence K. Neflas**, **student ID# 2380334**, certify that I have contributed to this deliverable, F-K-N

I, **Cristian Racila**, **student ID# 2370761**, certify that I have contributed to this deliverable, C-R

## STATEMENT

So far, we do not have any code used from previous semesters or from outside sources.

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## EXECUTIVE OVERVIEW

Our project will first consist of an online vacation scheduler. Our client, Margie Albano Viloria, owns a small vacationing business where she rents out her homestay in the Philippines. She’s been promoting and scheduling through Facebook and word of mouth.

Although we know she wants a website where her clients can view her property, schedule and potentially pay for their stay. However, **we haven’t yet discussed if she wants the website to handle payments as well.**

As a team, we’ll be meeting regularly every Thursdays during our System Development class from 8.30 to 11.30pm and outside of the classroom. We will stay in contact through Discord. Since the client is Florence’s aunt, she’s our fastest way of contact with Mrs. Viloria, but we’ll still have a SMS group chat with all of us in case we have questions for her.

We will be using GitHub as it’s not only safer, in terms of preventing data loss, but it’s good practice as an industry standard and facilitates team works. As of right now, we are using Microsoft Project to create our project plan. As demanded, a new team project leader will be assigned every deliverable. Tasks will be divided according to members’ preferences and strengths, whether it be backend, frontend, or database work.

## CLIENT

### DESCRIPTION

Our client’s name is Margie Viloria. She owns a homestay in the Philippines under the name of Viloria’s Homestay, where she accommodates vacationing guests as well as visitors to the area. Currently, Mrs. Viloria owns a Facebook page called Viloria’s Homestay, which promotes her homestay.

### COMPUTER SKILLS AND LITERACY

Our client has limited computer experience. As a result, we will need a simple and intuitive design for her website. The website's major user will be our sponsor's potential clients, as the website allows bookings and reservations for clients' stays at the homestay.

### DESCRIPTION OF BUSINESS PROBLEM

Our client’s business problem is that she’s been using Facebook to manually schedule homestays with her clients. She wants a more efficient system for managing bookings, scheduling, and reservations. To address this, we would have to implement a database system to store, manage reservation data efficiently, and make modifications when needed. The database would be in English, since our client can fluently speak and easily read in this language.

## TEAM ORGANIZATION

### TEAM MEETINGS

Our **weekly meetings** will be **every Tuesday from 12:00 PM to 14:00 PM and every Thursday from 8:30 AM to 11:30 AM** at Vanier College during our System Development class. In the event of emergencies, we created a **DISCORD group chat** to communicate through text for questions. We will be meeting virtually on **DISCORD** on **Fridays and on the weekends on whatever time if needed.**

See Team Logbook 1 for agenda content.

### ONLINE REPOSITORIES

Below is a link to our **GitHub repository** in which we will store everything related to our project, namely our code. In addition, we will also be storing the finalized versions of our deliverables, reports, and project plan in this repository.

**GitHub repository link:** [**https://github.com/AndrewShahini/RedTeam**](https://github.com/AndrewShahini/RedTeam)

Here is each team member’s GitHub username:

|  |  |
| --- | --- |
| **USERNAME** | **NAME** |
| AndrewShahini | Andrew Shahini |
| CrisGuts | Cristian Racila |
| florencekn | Florence K. Neflas |
| JawnMikel | John Michael Pasiolan |

We will use **MS WORD** to create our reports due to its convenience and features that **google docs** does not provide. The application’s mandatory 2-factor authentication ensure security, whereas, with Google Docs, the user can sign in quickly with simply their email address and password allowing anyone editing the document by simply having the link. Additionally, shared MS WORD files are easy to access making team collaboration effortless. We find MS WORD’s simultaneous collaboration feature to be very beneficial as it enhances efficiency by allowing multiple members to work on a file at the same time.

**MS WORD LINK: -** [**Deliverable 1**](https://onedrive.live.com/personal/a73e09bdc0860c7f/_layouts/15/Doc.aspx?sourcedoc=%7Bcaac8501-6259-4476-9cda-2b3c21ac80bd%7D&action=default&wdOrigin=OWA%2ELINK&wdPreviousSession=98a47ce3%2Da281%2D4729%2Db42e%2D41829ee15245&redeem=aHR0cHM6Ly8xZHJ2Lm1zL3cvYy9hNzNlMDliZGMwODYwYzdmL0VRR0ZyTXBaWW5aRW5Ob3JQQ0dzZ0wwQjh1bUVkWVdxQkMtaVdfVmZGaGNzVWc_ZT00OmlRakxpeCZhdD05JndkT3JpZ2luPU9XQS5MSU5LJndkUHJldmlvdXNTZXNzaW9uPTk4YTQ3Y2UzLWEyODEtNDcyOS1iNDJlLTQxODI5ZWUxNTI0NQ&slrid=339d7ca1-9095-7000-c197-acc10a6bbf7c&originalPath=aHR0cHM6Ly8xZHJ2Lm1zL3cvYy9hNzNlMDliZGMwODYwYzdmL0VRR0ZyTXBaWW5aRW5Ob3JQQ0dzZ0wwQjh1bUVkWVdxQkMtaVdfVmZGaGNzVWc_cnRpbWU9am1Bc3pUdEIzVWc&CID=c4132e23-3ceb-47d3-a9fa-3f1765061fdf&_SRM=0:G:36)

Additionally, we will be using Jira to organize our tasks for each deliverable, as well as document the progress and owner of each task. Below you find a link to our **Jira** project:

**Jira link:** <https://admin.atlassian.com/o/2a7858c4-902a-48f5-9888-20d024bdd9a4/overvie>

Lastly, we will use **Microsoft Project** for our project plan.

### COMMUNICATION STRATEGY

We will be communicating through **Discord**. We have also made a group chat with the client on **SMS** for the sole purpose of discussing business related information with the team and the client.

**Discord** will be primarily used for **communicating outside of our meetings in person**. For these purposes, we have created group chats Discord.

We will meet synchronously during **System Development** class on Tuesdays from **12:00 to 14:00** and **Thursdays from 8:30 to 11:30** whenever we are given the time to work on the project in class.

The **policies** we have established are as follows:

|  |  |
| --- | --- |
| **POLICY** | **DESCRIPTION** |
| Team members must be respectful towards each other. | Treat others the way you want to be treated. |
| Prioritize teamwork. | Help a teammate if they ask for help. Don’t be rude! |
| Team members must contribute to the team. | All members must participate in this project. If a member slacks off, it will be difficult for the others finish their work on time. |
| Must give their availabilities at the start of the week. | By giving their availabilities, it will help manage our time and workload. |
| All team members must actively participate. | All members must be active in the chat every day to see what we are discussing about. |

### AREAS OF RESPONSIBILITY

The **minute-takers** for each meeting will be John Michael Pasiolan.

Most tasks and responsibilities will change amongst the team members. The team leader for their respected delivery will be the **SCRUM master.**

All team members were assigned implementation tasks based on what they prefer to work on. Here are the members assigned to their implementation tasks in a table:

|  |  |
| --- | --- |
| **IMPLEMENTATION TASK** | **NAME** |
| Back-end Development | Cristian Racila |
| Front-end Development | Florence K. Neflas |
| Database | Andrew Shahini |
| Minute Takers | John Michael Pasiolan |

### 

### CLIENT CONTACT

Florence K. Neflas will maintain communication with the client for the most of the project's length. We believe it would be ideal for her to be the **main** point of contact with the client for all deliverables because she is Mrs. Viloria's niece. However, now that we've set up an SMS group conversation, other team members can ask the client questions.

### REPORTS

The **team leader’s** responsibility is to invoke that all policies are followed, to present the deliverables on time to the professor, and proofread the final documentation and submit it.

Below you will find the team leaders for each deliverable.

|  |  |
| --- | --- |
| **DELIVERABLE #** | **TEAM LEADER** |
| **1 |** Project plan | Andrew Shahini |
| **2 |** Client and business domain summaries, questionnaire | Florence K. Neflas |
| **3 |** Use cases and UML Diagrams | Cristian Racila |
| **4 |** Database design | John Michael Pasiolan |
| **5 |** Prototype UI and client comments | Andrew Shahini |
| **6 |** Implementation and client comments | Cristian Racila |

### 

### TEAM CONTACT INFORMATION

Below you will find each team member’s name, email address, and phone number.

|  |  |  |
| --- | --- | --- |
| **NAME** | **EMAIL** | **PHONE NUMBER** |
| Andrew Shahini | shahiniandrew@gmail.com | 438-498-7715 |
| Cristian Racila | 22cristila@gmail.com | 438-372-4962 |
| Florence Keith Neflas | neflaskeith@gmail.com | 514-224-6080 |
| John Michael Pasiolan | Johnpasio5@gmail.com | 438-728-7144 |

## PROJECT PLAN

We designed the project plan using MS Project. The project plan begins on January 30th, 2025, and spans over for more than 2 months. It is divided into all 6 deliverables from the System Development Team Project document. All the deadlines for the respective deliverables were posted in the course outline for 420-436-VA System Development. Every deliverable has a series of instructions that is split up into task names and durations, therefore creates the timeline of the entire project. Every task is assigned to a team member based on their availabilities, strengths, and weaknesses. For any tasks that are repeated multiple times throughout the deliverables (i.e. executive overview, proofreading, etc.) every team member will have assigned them at least once to make it fair for the members. We’re estimating that all our deliverables will be completed before the deadlines and find the adequate amount of time for completion. For example, Delivery 1 must be completed before February 4th, therefore the estimated duration cannot be over a week because it will be past the deadline. Note: if a task is completed before the duration, the team member can start their next task or help another teammate complete theirs. [PDF](file:///C:\Users\shahi\Downloads\RedTeam%20Project%20Board.pdf) of the project board.

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