Technological Institute of the Philippines

938 Aurora Blvd. Cubao, Quezon City

College of Information Technology Education

IT 004 – Web Systems and Technologies

Preliminary Period

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| Team Name: Cookie Eaters  Leader: TABADA, BRIAN GERARD G.  MEMBERS:  Name: BUENAVENTURA, ARISTOTLE C.  Name: CABURNAY, RAINE CARLO  Name: CAÑAMO, ETHAN REI S.  Name: MEJOY, JOSEPH ADRIAN | Date: 10/25/2021 |
| Program / Section: BSIT 21S1 | Instructor: Ms. Roxanne A. Pagaduan |
| Assessment Task: Project Part No 1: Project Topic Proposal | |

**Instruction:**

1. Group yourself with a maximum of five (5) members.

2. Proposed at least three (3) transactional-based system for your project. Note: You can propose your previous project in Introduction to Computing (ITE 011).

3. Select a company and briefly describe it. Note: You can use a dummy company.

4. Gather all the data needed about the proposed topic and provide the following:

- Brief history of the company

- Project description

- Identify the problems

- Project Objectives

- Project Scope

- Project Significance

**Assessment Tool:**

The activity will be assessed using the Rubrics for Project Proposal.

**Proposed Projects:**

1. Hotel Management System

2. E-Commerce Website (e.g. Shopee, Lazada, Amazon, AliExpress, etc.)

3. Package Delivery System/ Parcel Delivery

1. **Gourmet Hotel (Hotel Management System)**

Current system (MANUAL LOG BOOK, WEBSITE system, spreadsheet,   
**Brief history of the company**  
- Gourmet Hotel started during the pandemic. The founders established the company to provide rooms to foreigners or OFWs that arrived in the country. The founders attended the same school and had an idea to start an efficient, top-tier, and budget-free service. As time goes by, guests are welcomed and served with the highest quality of service, and we were able to extend these services across the country.

**Project Description**

- As the Gourmet Hotel aims to spread across the country, the project aims to allow customers to check in online and provide more information about the services and history of the company. The project also aims to attract customers with interactive and informative designs that help the customer check-in quickly.

-reservation

- cancellation

- policy company(rules and regulation) like down payment

**Statement of the Problem**

* General Problem
* How to develop an interactive and informative website that uses different functions, innovative and furbishing designs, and a database to store customer’s information
* Booking
* Reservations
* Specific Problem
* **How to develop an interactive and informative website using HTML, CSS, and JavaScript?**

Like other websites that use a transaction-based system, the project's developers aim to create functions that allow users to interact with different tags and design a website that pleases the customer's eyes.

* **How to develop an interactive and informative website that uses PHP to stores user’s information in the database?**

Similar to websites that use a transaction-based system, the project's developers aim to store the customer's input inside the database, which can be accessed by the admin wherein the admin or the receptionist can check the customer's reservation and information.

**OBJECTIVES!!!**

**Project Scope (BOUNDARIES LIMITS)**

**Input features with description**

* Based on the data gathered by the developers and on the objectives they set, the developers arrived at the following scope:
* The website uses PHP for storing customers’ information.
* The website uses JavaScript and CSS to give design and function to the website.

**Project Significance**

This project will benefit the following:

**To the developers**

The developers will benefit from this study, and the developers will be able to learn how to develop an interactive and informative website which they can use in the future.

**To the customer**

The customers will benefit from this project, and the customers will be able to interact and know more about the company and its services.

**To the founders**

The founders can benefit from this project, and the founders will be able to know the project that will be developed and how the project will be able to help the company achieve its goal.

Approved Topic: Hotel Reservation System  
- revised your title  
- Brief History of Company - current system - ex. manual?log book?  
- Product Description - describe the reservation, cancellation  
- consider the policy of the company - rules and regulation - ex. reservation - at least 50% downpayment.  
Statement of the Problem -  
- objectives should be measurable  
- Scope - boundaries and include features - describe each module  
- Significance - per category - company, customer, researcher, ICT  
- consider the characteristics of Hotel Reservation System

1. **Techverse/ TechHub (E-Commerce)**

**Brief history of the company**

* As the popularity of computers emerged during the pandemic, the founders of Techverse had an idea to establish a company that sells laptops and other peripherals at an affordable price. Months have passed after the outbreak, Techverse was able to sell its products across the world.

**Project Description**

* As Techverse begins to spread worldwide, the project aims to develop E-Commerce, allowing customers to buy a product at an affordable price. The project also seeks to garner the attention of its customers with innovative designs and limited offers from the website.

**Statement of the Problem**

* General Problem

How to develop an E-commerce that uses innovative designs, different functions, and a database to store the customer's information?

* Specific Problem
* **How to develop an E-Commerce using HTML, CSS, and JavaScript?**
* Like other E-Commerce such as Shopee, Lazada, etc. The project developers aim to develop an E-Commerce that has innovative designs and uses different functions wherein the customers will be able to select a product or check out the product they want to be delivered.
* **How to develop an E-Commerce that uses PHP** **to store the customer’s information in the database?**

Like other E-Commerce, the developers of the project aim to get the customer’s information inside the database wherein the admin of the E-Commerce will deliver the product that the customer wants.

**Project Scope**

* Based on the data gathered by the developers and on the objectives, they set, the developers arrived at the following scope:
* The website uses PHP for storing customers’ information.
* The website uses JavaScript and CSS to give design and function to the website.
* The website contains a search function wherein the user can search for the product that they want.

**Project Significance**

This project will benefit the following:

**To the Developers**

The developers will benefit from this study, and the developers will be able to learn how to develop an E-commerce that they can use in the future.

**To the Customer**

The customers will benefit from this project, and the customers will be able to interact and know more about the company and its services.

**To the Founders**

The founders can benefit from this project, and the founders will be able to know the project that will be developed and how the project will be able to help the company achieve its goal.

1. **WeRSwift (Package Delivery System/ Parcel Delivery)**

**Brief history of the company**  
- E-commerce has become popular, and delivery services have followed suit, becoming a part of our daily lives. Most of us shop online, and online businesses rely on couriers to deliver our purchases quickly and securely. Problems such as late delivery, things returned in substandard condition, and other associated concerns that can harm your business will arise if you do not have an efficient courier.

The project, WeRSwift, would address the concerns mentioned above that could arise in courier services. The technology would aid courier companies in having an effective management tool for delivering packages to clients. The system will be used to plan delivery routes, track and schedule couriered items, analyze courier performance, and keep consumers up to date. The system will also function as a platform for the customer or parcel owner to access the package being delivered. The client can track the progress of the couriered item using the system.

**Project Description**

- WeRSwift is designed for a company that provides delivery services. The system will assist a courier company in managing the details of its customers' goods or packages. The system will act as a platform for delivery routing, scheduling, and tracking. The system will also include a function that will keep the client informed and track the progress of their deliveries.

**Statement of the Problem**

* General Problem
* How to develop an interactive and informative website that uses different functions, innovative and furbishing designs, and a database to store customer’s information?
* Specific Problem
* **How to develop an interactive and informative website using HTML, CSS, and JavaScript?**

Like other websites that use a transaction-based system, the project's developers aim to create functions that allow users to interact with different tags and design a website that pleases the customer's eyes.

* **How to develop an interactive and informative website that uses PHP to stores user’s information in the database?**

Similar to websites that use a transaction-based system, the project's developers aim to store the customer's input inside the database, which can be accessed by the admin wherein the admin or the receptionist can check the customer's reservation and information.

**Project Scope**

* Based on the data gathered by the developers and on the objectives, they set, the developers arrived at the following scope:
* The website uses PHP for storing customers’ information.
* The website uses JavaScript and CSS to give design and function to the website.

**Project Significance**

This project will benefit the following:

**To the Developers**

The developers will benefit from this study, and the developers will be able to learn how to develop an interactive and informative website which they can use in the future.

**To the Customer**

The customers will benefit from this project, and the customers will be able to interact and know more about the company and its services.

**To the Founders**

The founders can benefit from this project, and the founders will be able to know the project that will be developed and how the project will be able to help the company achieve its goal.

**To the Courier Management**

The system would enable them to provide a more efficient service to their customers. Using the method ensures that the products are delivered as quickly as possible and in good shape. It would help them establish a strong reputation, which would be relied upon by internet businesses in need of delivery services.

**To the Online Sellers**

The system would benefit them by letting the courier choose to deliver the product to their customers fast and secure. They can also monitor the movement of the parcel.

**To the Future Researchers**

The next batch of researchers may enhance the project based on their clients' needs and additional requirements.