**Research Paper**

**I. History of the Client**

1. **Client Mission and Vision**

Rideradar app’s team aims to create a bright future where delivery of goods steps up on a whole other level compared to what it is right now. They want to help people get the best, most efficient and the cheapest delivery provider all without affecting the quality of the delivery. They also want to develop their own app and website not only in our nation but all throughout Southeast Asia once their company rises.

1. **Client Operation and Processes**

Rideradar app, the client of our company/group. They are a company focused on logistics and they started their company November 2019. The official launch of the app was supposed to be in March 2020 but later got forced to shut down their operations due to the ongoing pandemic that time. Today we will dive into the research about this company that is trying to rise again from a deadly fall they just took.

They decided to shift the entire framework of the technology to a beginner platform and integrated it to delivery companies across the world. Through their hard work, they were able to secure a partnership with one of the most successful and known Logistics companies in our country “Lalamove” to further increase their chances to achieve their goals.

**II. General Problem**

1. **Problem Description**

The pandemic that postponed their supposedly official launch was not the only setback they had. Last September, an unfortunate unforeseen event happened, the websites that they created from scratch gone in a blink of an eye due to a cyber attack.

1. **Problem Breakdown**

* Making a working website
* Tailoring the website to be usable
* Adding all the innovative functions
* Making the website easy to understand/easy to use

**III. General Solution**

1. **Solution Description**

Knowing this, our company/group has reached out to the Rideradar app team with a proposal. In exchange for their cooperation with our ILS project, we would make them a new test website using our obtained knowledge and skills.

1. **Solution Breakdown**

* Making a website that is usable and efficient
* Website designing
* Try to add new innovative ideas to the website while maintaining it to be easy to use.

**IV. Review Related Literature**

1. **Referenced Material of the Project**

According to the research of Chidi Ukamaka Betrand, Chinwe Gilean Onukwugha, Christopher Ifeanyi Ofoegbu, Obinna Banner Aliche, and Douglas AllsWell Kelechi, a logistics website would be able to increase a customer rates and satisfactions by delivering goods and services to customers with the highest standards. This research made web-based logistics information systems emerge. Logistics websites, powered by the internet and technology, offer customers a platform for trusted exchange, less cost, real-time monitoring, tracking, and also the management of goods.

1. **Methodologies**

We plan to make a website that would be interactive and friendly to users who are not proficient in using technology. We also plan to design it that would fit everyone's style and taste. We had a bit of a problem with calling a function on the website. We are not that proficient in programming so we used references of code found online.

The research methods that we used were quantitative as we made use of the internet to get the rates of the customer’s order through digital shopping and the number of people who use digital shopping. Our time was limited, that’s why the approach that we presented is quantitative. We relied on this approach as it is a time-efficient, location-independent, and computer-based data collection method.

1. **Processes used**

The researchers evaluated the problems so that they can provide a solution for that problem. As they identified the problem, they were able to make a conclusion that the company must make a new website as the old one is impossible to recover.

1. **Programming Concepts and Techniques**

The programmers were able to make a website through html and css. They made use of the things they learned in their class about html and css. The website is not complete yet and they plan to enhance it more in the future. They plan to make the website friendly and accessible to everyone although the website is only available for testing purposes as of now. The techniques the researchers used was making a gantt chart and they planned what everyone would do on a specific day ahead of time. This technique made the researcher’s work efficient and we were able to complete it ahead of time. While the programmers made use of the handouts we discussed and they shared the work to code each function in the website. A programmer made the content in the website, while the others styles it using css. This technique not only made us complete the work ahead of time, but we were also able to make the project with quality.

**V. Project Requirements**

A project as big as what we’re about to do needs to come with proper planning, leadership and supplies to make it an absolute success, which is why we have researched things that we will need to make our project possible.

1. **Hardware Requirements:**
2. **Software Requirements:**