



Republic of the Philippines

# **POLYTECHNIC UNIVERSITY OF THE PHILIPPINES**

**COLLEGE OF ENGINEERING  
COMPUTER ENGINEERING DEPARTMENT**



## **Title:**

DEVELOPMENT AND IMPLEMENTATION OF ONLINE ANTI-SCAMMER WEB APPLICATION BY INFORMATION SHARING

## **Rationale:**

Scams are common in the Philippines, wherein local con artists seem to constantly be one step ahead of visitors, especially as social media usage grows. This project proposal was conceptualized in response to the current issue of increasing drastically scams on the internet. This project, with the help of the current technology available, can improve the safety of every individual in the virtual world and help to reduce the number of victims by exposing the scammers online. Spotting frauds is more difficult than it used to be because con artists may imitate any legitimate organization or authority. This web application will assist users in identifying online scammers by providing information and while also making it simple to report the suspect.

## **Statement of the Problem:**

This project generally aims to develop an online web application that will help people become more aware of online scammers and lessen the act of scamming. Specifically, this study seeks answers to the following questions:

1. How does the online anti-scammer web application contribute in terms of:

1.1 Awareness; and

1.2 Safety?

2. What feature is convenient for the users to use in preventing online scammers?

2.1 Information Sharing; and



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### **2.2 Reporting System.**

3. How effective is the developed and implemented anti-scam application in terms of:

3.1 Efficiency;

3.2 Functionality; and

3.3 User-friendliness?

4. What are the benefits of anti-scam web-based software to:

4.1 Authorities; and

4.2 Users?

### **Scope and Limitations:**

The main goal of the project is to create and implement an online web application that will help people become more aware of scam and report online scammers more conveniently. The web application's security system will be comprised of four components: authorization, which will allow the system to verify that a user has permission to access the application by comparing the user's identity to a list of authorized users; authentication, which will require the user to provide a user name and password when logging in; encryption to keep the data safe; and logging, which will provide a time-stamped record of which aspects of the application were accessed and by whom. A firewall will be included in the web application to restrict data packets that are considered harmful. The application will also have a system tool for determining whether the data presented is authentic or not. At the time, the app's only target demographic is Filipino citizens. Personal information about the victim will be kept private and will not be shared with other websites. The