PROJECT PROPOSAL

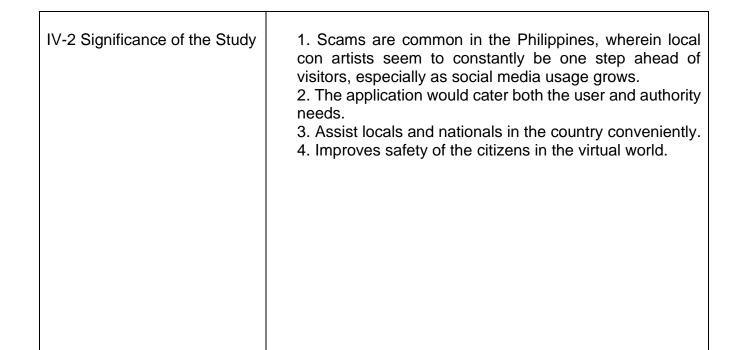|	
I. **PROJECT TITLE**	**Design and implementation of online anti-scammer web application**

II. RATIONALE

    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 that lose opportunities and business. 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 data and while also making it simple to report the suspect.

III. STATEMENT OF PURPOSE / OBJECTIVES AND SIGNIFICANCE OF THE STUDY

IV-1 Objective of the Study:	
General:	The project's major purpose is to build and implement an online web application that will assist individuals in becoming more aware of fraud and reporting online scammers more conveniently.
Specific:	Specifically, it aims to: • develop a software to assist the internet's different sectors in reducing the number of frauds encountered, • develop a software that send reports directly to the authority, • provide a system tool that will determine whether the data provided is genuine or not, innovative, and user-friendly, and • develop an application where users can message, call, and video call the authorities directly.

IV-2 Significance of the Study	1. 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. 2. The application would cater both the user and authority needs. 3. Assist locals and nationals in the country conveniently. 4. Improves safety of the citizens in the virtual world.

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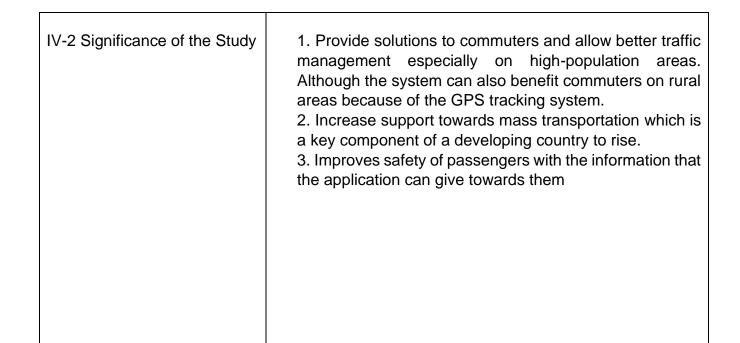|	
I. **PROJECT TITLE**	**A development of a mobile bus tracking application**

II. RATIONALE

This proposed topic is set to help passengers by providing data by tracking the buses that may ease the fatigue in waiting for a bus to arrive. This application can also help the bus companies by providing them with useful data that the app can gather from the passengers. This data can be used to enhance their service and provide better and safer travels for the commuters. Overall, this app is used to improve the quality of life of different residents that mainly use public utility buses to commute. This project works by having the application request the bus driver's location by using GPS in our hardware which is made using a microcontroller in which will be sent to the server and use an API to show the location of the bus using Google Maps.

III. STATEMENT OF PURPOSE / OBJECTIVES AND SIGNIFICANCE OF THE STUDY

IV-1 Objective of the Study:	
General:	Provides passengers with data of bus available on the road to give them security and help them with decision making by presenting them with real-time GPS location of the buses.
Specific:	Specifically, it aims to: • Develop a system that will accurately show the passenger the location of buses using Google Maps API. • Develop a system that provides passengers security and safety as each bus icon on the map has its data such as bus number, plate number, and bus driver. • Provide the bus company with an app which can help them in tracking their own buses for security or in case of a potential emergency or accident.

IV-2 Significance of the Study	1. Provide solutions to commuters and allow better traffic management especially on high-population areas. Although the system can also benefit commuters on rural areas because of the GPS tracking system. 2. Increase support towards mass transportation which is a key component of a developing country to rise. 3. Improves safety of passengers with the information that the application can give towards them

PROJECT PROPOSAL

I. **PROJECT TITLE**	**A web-based solution for managing charities.**

II. RATIONALE

   This charity management system will make it easier for non-profit organizations to locate contributors. Admin, NGO, and Donor are the three modules of this system. Admin can log in with their credentials and approve or reject the request made by the NGO. The approval will be given when the NGO's paperwork has been verified. Admin will get a report on the NGOs that receive donations. NGO documentation can be uploaded to register and make requests. Admins can use their credentials to log in once they have received authorization. NGOs can submit requests for help to a variety of recognized donors. They may look at a list of prior events as well as a donation report. Donors may simply create an account and log in using their credentials. They must fill out the contribution information after the request has been approved. The date of the gift will be sent to the donor. They can also look at the history of donations.

III. STATEMENT OF PURPOSE / OBJECTIVES AND SIGNIFICANCE OF THE STUDY

IV-1 Objective of the Study:	
General:	NGOs will easily get donors and the donors will have an easy registration online. Donors can contribute a few items to those in need while sitting at home. They can review a history of previous events as well as a donation report.
Specific:	Specifically, it aims to: • Develop a system that will accurately show the upcoming and previous events for the charity. • Design and implement an automated method to improve services and save time spent on phone calls and looking for donation services. • Provide the create a user registration page, login page, and online appointment booking system.

IV-2 Significance of the Study	1. This project will be able to provide solutions to the primary challenges faced by charity management firms by allowing consumers to give online rather than by phone, which will benefit both donors and NGOs. 2. Donors can also learn about the NGOs' history, the services they provide, and the assistance they provide on the web. 3. Charity Organization that will use this web-based method should be able to maintain track of appointment records, reduce the number of phone calls received, and eventually assist in achieving the required number of contributions.