

## **Final Project for IT Elective 2**

This project is designed to apply the course information, including major concepts, principles, theories, and research related to the web systems.

Conceptualize a project scope within applications that can be a help for Covid-19 response using HTML, CSS, and JavaScript.

When creating and reviewing pages remember the key points are:

- Adding/reviewing images – check the copyright status
- Adding/reviewing videos - remember to reference your videos and also check that video links are still active
- Including Good Quality References - using the APA Style of Referencing
- Formatting the page so that all our pages have a similar, recognizable style
- Ensure that the text is original and not copied directly from other sources
- A list of open online resources that we can link to

### **Topics**

- Diversity for the benefit of business
- Balancing school and life
- Effective communication
- Dealing with family problems and pressure
- Leadership and respect
- Importance of personality and cooperation

**Font: Times New Roman, 12 and 2" space**

**Margin: 2" left, top, down and right**

**Structure of case study is in APA Format.**

- I. **Introduction:** Overview of your topic project and its impact and why it needs to create.
- II. **Aims:**
  - A. The issue you are researching and why
  - B. Knowledge gaps in your issue
  - C. Questions you plan to look into
  - D. Difficulties in this sphere
- III. **Discussion**
  - A. What the results mean towards your hypothesis
  - B. How your research could have been done differently
  - C. Unanswered questions in your research

#### **IV. Recommendations**

- A. Future questions to research
- B. How your methods could be changed for more detailed results

#### **V. References (APA Format also)**

#### **Title Page in APA for Case Study Project**

The title to a case study in an APA paper is a requirement. The purpose is to state the name of the work, who the author is and the institution that sponsored the research. It has the following parts:

- The words “running head” at the top followed by the actual running head
- The full title of your paper using APA titling no longer than 12 words
- Your name without any designations (Dr/Ph.D./Rev/etc.) and the institution you attend

#### **The Abstract for an APA case study**

The abstract of your paper works as a summary to give a brief overview of what it contains. Include the running head at the top and the first line should have the word “Abstract” centered. Follow the abstract with 150-250 words summarizing your paper. You may also index some keywords to help find the contents of your work in academic databases. At the end of your summary, indent once and in italics indicate keywords related to your work.

Writing an effective college paper requires a lot of planning and formatting to get it done right. Brush up on these guidelines for how to write your paper in APA format. At any time if you need someone to review your work or write any parts of your paper, reach out to our professional writers who are always willing to lend a hand.

**Researcher's Profile** – a simple curriculum vitae of the researcher/s

**Submission Date:** on or before June 13, 2021 with recorded video presentation

**TITLE OF YOUR STUDY**

**A Project**

Presented to the Faculty of the  
**Computer Science Department**

College of Science  
Technological University of the Philippines  
Ayala Blvd., Manila

by

**KENNETH A. AUXILLOS**

In Partial Fulfillment of the Requirements for the Degree  
**(your course)**

May 2021

## **Abstract Format**

**ABSTRACT** ← **Font 12**

The study, Development of Electronic Communication Chat (EC CHAT), aims to provide a social networking in a star topology connection inside inbound vicinity that helps students and faculty members to socialize and share files or information to one another without the use of internet. The system is capable of establishing wireless connection which provides all the social networking features and services inside its premises. It has the features of advisories, chatting, profiling, file sharing, blocking, reporting, and secured identification process. It also has an enhanced security that provides a trusted network connection to all client users. The application displays all the functions using graphical user interface to access all the features of the system. The system was developed using Android Studio for Android application development, Hypertext Preprocessor (PHP) and JavaScript a scripting language for web development, and open source web technologies such as HTML, and CSS for web pages and web application. Test results showed that the application software can be installed in any Android device running on Android 4.3 version and above without incompatibility issues and all test data were processed as expected in terms of speed and accuracy. The system was evaluated by 50 evaluators composed of Information Technology professors, professionals, and students under the Electronics Department of Technological University of the Philippines - Manila using ISO 25010 software quality model and was rated with a an overall mean of 4.64 with a descriptive rating of "Excellent." This signifies that the system is useful to all students and faculty members in terms of social networking inside its vicinity.

Note:

1. Use block format.
2. Single-spaced and justified alignment.
2. Limit to 100 - 250 words.
3. Include problem, rationale, major methodologies used, features, tests and evaluation results, and conclusions.

## REFERENCES / BIBLIOGRAPHY

*Note:*

- Use “References” if ALL the citations are listed and arranged chronologically as it appears in the paper (for Scopus format) and listed and arranged alphabetically (for APA format)
- Use “Bibliography” if all the citations (cited or not cited in the texts) are listed and arranged alphabetically and categorized into Books, Journals, Unpublished Theses and Dissertations, and Electronics Sources.

**BIBLIOGRAPHY** (arrange alphabetically per category, books, journals and other publications, theses and dissertation, and electronic sources)

Include books, periodicals, electronic sources used to enrich the conceptual framework of the study. The format should be as follows:

### **Books**

Angelo, T. and Cross, P. (1988). *Classroom Assessment Techniques: A Handbook for College Teachers* Book Description. Jossey Bass Adult and Higher Education Series

### **Unpublished Theses and Dissertations**

Felipe, L. (1985). “A Survey of the Audio Visual Resources at the Mariano Marcos State University, and Their Utilization by the Faculty with Implications to a Proposed Audio-Visual Center”. Unpublished Thesis. University of the Philippines, Diliman .

### **Journals and Publications**

Earle, R. (2002). “The Integration of Instructional Technology in to Public Education: Promises and Challenges”. Educational Technology Magazine .Vol. 42, 5-13

### **Electronic Sources**

American Heart Association. (n.d.). *American Heart Association health risk assessment*. Retrieved January 10, 2010, from <http://www.americanheart.org/risk/quiz.html>

*Note: Include retrieval date if the online source is likely to change/be updated in future.*

### **NOT ACCEPTED**

Wikipedia, The Free Encyclopedia. “*Mechatronics*”. August 2008 retrieved last November 2009 from <http://www.Wikibooks.org/Mechatronics>

## RESEARCHERS’ PROFILE

Provide simple curriculum vitae of the researcher/s.