



Republic of the Philippines
Pamantasan ng Cabuyao
(University of Cabuyao)
College of Engineering
Katapatan Mutual Homes, Brgy. Banay - banay, City of Cabuyao,



PNC:AA-LE-700

April 4, 2023

Yolly D. Valiente

Principal II

Cabuyao Integrated National High School

Dear Mrs. Valiente:

Dangal Greetings!

We, fourth-year students of Bachelor of Science in Computer of Engineering, currently enrolled in the subject of CpE Practice and Design 2 (CPP122) will conduct a study with the proposed title "NFC-Blockchain Based Smart Card for Queuing and Attendance". In this regard, we are here to request your permission to conduct a data gathering study on the time consumption of writing attendance in the on-going face-to-face classes of students from Cabuyao Integrated National High School. The purpose of this study is to evaluate the amount of time that is being spent by students in taking attendance manually and through a prototype design project that is currently under development.

Furthermore, we will ask for permission to take video/photos for documentation and also to ensure accuracy.

We are looking forward to your favorable response to this request. Thank you very much, and more power.

Sincerely yours,

Alviar, Mark Shandon S.

Garlan, Peter Psalm U.

Castillo, Wilmark A.

Laodinio, Apple Sherly C.

Noted by:

Engr. Oliver A. Medina

Research Adviser

Engr. Aldrin J. Soriano

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ppg/04.04.2023



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NFC-Blockchain Based Smart Card for Queuing and Attendance
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DATA GATHERING

OBJECTIVES:

The researchers aim to determine the speed of taking and writing attendance of students in classes of the Senior High School Department of Pamantasan ng Cabuyao. The data-gathering respondents will include 25 students using the initial prototype system design and the other 25 students doing the traditional way of filling out forms.

This data gathering intention is to collect the following information:

- Total time of taking attendance
- Time duration of each student taking their attendance in the traditional way
- The time duration of each student taking their attendance using the initial prototype design