1. **Thesis/Project Title**

GC-OMS: A Progressive Web App Based OJT Management System using Laravel Framework for Gordon College CCS Students

Project Application Name

GC-OMS (Gordon College OJTs Management System)

1. **Team Composition**

Sarmiento, Louie Jake

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1. **Project Benificiary/Users**

CCS students/Program Coordinator/ College Dean

1. **ABSTRACT**

GC-OMS (Gordon College OJTs Management System) is a progressive web app-based OJT Management System for managing an OJT program, it encourages constant contact between the teacher and student. Students may interact with teacher online and save a lot of time. The system also allows students to put their information and their preferred company to apply. An instructor has the ability to add and modify company information as well as view all the students they are advising for the OJT. The dean can also view and modify information and send MOA to students needed to apply to the company that they prefer.

**Introduction**

The GC-OMS (Gordon College OJTs Management System) is a proposed web-app project that aims to automate and streamline the process of managing and tracking OJT programs within the Gordon College CCS department. The system will enable the program coordinators and the dean to manage and track OJT programs for students. The project will facilitate communication between program coordinators/dean and students to provide access to training materials and resources. The project will also provide progress tracking and assessment of the trainee's performance during the training period. The GC-OMS will be developed using modern web-app development methodologies and technologies to ensure a scalable and reliable system. Overall, the proposed GC-OMS (Gordon College OJTs Management System aims to improve the efficiency and effectiveness of OJT programs and ultimately enhance student performance and development.

1. **Description of the Problem**

Given that there are many students applying every year for OJT, they are hard to manage. Students might be left behind because they are waiting for the company and sometimes there are only limited slots and having difficulty in giving MOA to the students.

1. **Significance of the Project or Project Justification**

This project is **timely** because the world is returning to its state before the tragic COVID-19 **pandemic**. colleges and universities alike have now returned to its **full functionality** and they can now offer practicum/OJT subjects to the students, while that is good, there is now a new problem **emerging** due to this. The problem of how the college and universities will manage all students during their OJTs.

1. **Description of Provided Solution**

This project's major goal is to give students and the program coordinator a **simpler** way to communicate with one another when they are participating in an OJT program. Students have **access** to their data. Every time a program coordinator logs in, they may **check** the student's **start date** and get **information**. Moreover, the system has an **authorization** feature to guarantee that only students can access their data and that all other information is kept **private**. Students and the program coordinator can use the system to **update** and **interact** with each other.

1. **Project Scope and Limitation**

The project’s target demographic are CCS students in Gordon College who are **enrolled** in their respective practicum subjects and/or are undergoing their **OJT**, including both **work from home** and **on-site** setups, their respective program coordinator and dean. The project is limited to CCS students of Gordon College only, thus students, program coordinators and deans from other departments are not included in this project.

1. **Methods to be used for Project Development**
2. **Computer Hardware and Software to be used**

Software Specification:

Windows 7 or higher

Browser

VS Code

XAMPP

PHP

MySQL

Hardware Specification:

Processor: 1.99 GHz or x64-based processor

Memory: At least 4gb of RAM for PC and Laptops

Connectivity: Internet Connection

Storage: HDD at least 500 mb or higher

1. **Review of Related Literature**
2. **Resources Needed including Expected Budget**

Laptop/s

Laravel Framework

PHP

VSCODE

XAMPP

MySQL

1. **Timeline/Schedule of Activities for the project development**
2. **Reference List**
3. **Appendices**