**PROJECT PROPOSAL  
SE101 – SOFTWARE ENGINEERING**

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## **PROJECT TITLE:**

**Client-CEO: A System-Based Update for Monitoring Performance of the Student Intern**

## **INTRODUCTION**

Internships serve as a bridge between academic learning and real-world professional experiences. However, monitoring and evaluating the performance of student interns is often a manual and subjective process. "Client-CEO" is a system-based platform designed to **track, evaluate, and analyze** the integrity and performance of student interns within a company. This system aims to provide real-time updates on an intern’s efficiency, punctuality, customer interaction, and overall work ethic. It will serve as a decision-making tool for CEOs and HR personnel, helping them determine whether an intern is **qualified for employment** based on objective performance metrics.

## **OBJECTIVES**

● To develop a **digital monitoring system** that tracks student intern performance in real-time.  
● To create an **automated evaluation system** that measures efficiency, task completion, and work ethics.  
● To provide **comprehensive reports and insights** for CEOs to determine potential candidates for employment.  
● To enable **supervisors, customers, and peers** to give structured feedback on intern performance.  
● To integrate system-based **performance analysis and ranking** to help decision-makers assess interns effectively.

## **PURPOSE**

The purpose of "Client-CEO" is to **enhance the evaluation process** for student interns by replacing manual assessments with a **data-driven** approach. This system provides a transparent, fair, and efficient method for CEOs and HR managers to **identify top-performing interns** who deserve to be absorbed into the company. By leveraging automation, AI analytics, and structured feedback, the system ensures that each intern is evaluated based on merit and professional behavior.

## **TARGET CUSTOMERS**

* **CEOs and HR Departments** – For making **informed hiring decisions** based on intern performance.
* **Supervisors/Managers** – To **track intern productivity** and provide structured feedback.
* **Student Interns** – To monitor their progress, receive feedback, and enhance their skills.
* **Educational Institutions** – To gain insights into student internships and refine academic programs accordingly.
* **Customers**  – To provide feedback on intern service quality and professionalism.

## **VALUE PROPOSITION**

* **For Companies:** Ensures that only the most qualified interns are **hired**, improving workforce quality.
* **For Interns:** Helps them understand their **strengths and weaknesses** and improve their skills.
* **For Supervisors:** Provides an **efficient way** to monitor and assess multiple interns simultaneously.
* **For HR Departments:** Eliminates **bias judgements** by using **data-driven assessments** instead of subjective evaluations.
* **For Educational Institutions:** Offers a **detailed analysis** of student internship performance to improve curriculum alignment with industry needs.

## **APPLICATION FEATURES AND DESCRIPTION**

1. **Intern Profile Management** – Stores intern details, assigned departments, and work schedule.
2. **Attendance & Time Tracking** – QR code or digital check-in/check-out system.
3. **Daily & Weekly Performance Logs** – Interns update their tasks and progress.
4. **Supervisor & Customer Feedback** – Multi-perspective evaluation system.
5. **Task Completion & Efficiency Tracker** – Measures task completion rates and quality.
6. **Behavioral & Integrity Evaluation** – Tracks professionalism, honesty, and ethical conduct.
7. **Skill Development Tracker** – Monitors improvements in technical and soft skills.
8. **Performance Score & Ranking System** – System-generated rankings based on performance.
9. **Final Evaluation & Hiring Recommendation** – Automated reports to assist CEO decision-making.
10. **Gamification & Rewards (Optional)** – Leaderboards and badges for motivation.
11. **Certificate & Recommendation Letter Generation** – Auto-generated documents for top interns.

## **CHALLENGES**

* **Data Accuracy:** Ensuring that performance metrics and feedback are reliable.
* **System Integration:** Compatibility with existing HR systems.
* **User Adoption:** Encouraging companies to transition from manual evaluation to digital.
* **Security & Privacy:** Protecting intern and company data from unauthorized access.
* **Scalability:** Ensuring that the system can handle multiple interns and evaluations efficiently.

## **TOOLS AND RESOURCES**

* **Programming Languages:** JavaScript, PHP, (Python is optional: for AI-based analytics)
* **Database:** MySQL / Firebase
* **Frameworks:** Laravel (PHP) or React (JS) for frontend
* **Cloud Hosting:** Local Hosting / Domain

## **CONCLUSION**

Client-CEO aims to transform how companies **track and evaluate** intern performance by offering a **transparent, data-driven, and automated solution**. With features like **real-time monitoring, system-based analysis, and multi-perspective evaluations**, the system ensures that **only the most deserving interns are absorbed** into the workforce. By using technology to streamline the assessment process, "Client-CEO" helps businesses make **smarter hiring decisions**, while also offering interns a fair opportunity to prove their capabilities.

This project is designed to be **scalable, feasible for development by a small team**, and highly beneficial for both companies and student interns, making it a valuable asset for modern internship programs.