PROJECT PROPOSAL
SE101 – SOFTWARE ENGINEERING

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PROJECT TITLE:

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

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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.