

## **Proposal**

The app Marlen and I are working on will be an app for employees to clock in and clock out of their job. This app will be used for an educational workplace where kids are involved. The teachers will be given a time window to clock in and clock out, as well as take student attendance in the classes that they teach.

This app is important because it will help employers and businesses accurately pay their employees. Many businesses still use in person clock in & clock out features and in this modern time, that makes it difficult for remote workers. The US economy loses 50 million hours of productivity per day due to unrecorded work. Employers overpay an average of 200 billable hours per year without time tracking.

Many schools or even programs may have inaccurate attendance data or have trouble going over past attendances due to the fact that a lot of it is still physical. Accessing data and evaluating trends is much easier when it is already digital.

### **Employee Management**

**Clock-In/Clock-Out System:** Employees can log their work hours via a simple interface.

**Employee Profiles:** Personal details, roles, and assigned classes.

### **Student Attendance Management**

**Class-Specific Attendance:** Instructors can mark attendance for each class session.

**Historical Attendance Records:** Ability to view and export past attendance logs for compliance and reporting.

### **Class Scheduling and Management**

**Class Rosters:** View the list of enrolled students for a particular class.

**Class Schedules:** Calendar view of upcoming classes with notifications/reminders.

### **Reporting and Analytics**

**Employee Work Hours:** Automatic calculation of hours worked for payroll purposes.

**Attendance Analytics:** Reports on student attendance trends.

### **Administrative Features**

**User Roles:** Admins can manage employees, students, and class rosters.

**Data Export:** CSV or PDF export for attendance and work logs.

### **Mobile-Friendly**

- App optimized for mobile devices for on-the-go use by staff.

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### **Workflow**

**Employee Login:** Staff log into the app using secure credentials.

**Clock In/Out:** Upon arrival and departure, employees use the app to record work hours.

**Class Selection:** Teachers select their class from a schedule or dashboard.

**Mark Attendance:** They check off present students or record absences during the session.

**End of Day:** Attendance and clocked hours are logged and accessible to administrators for review.