

# Employee Performance Tracker

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# Goal:

Develop an employee tracking app to streamline performance monitoring and evaluation processes, enhancing efficiency and transparency.

## Why Build It?

- **Efficiency:** Automate tracking processes to reduce manual effort and minimize errors.
- **Transparency:** Provide a centralized platform for fair and clear evaluations.
- **Data-Driven Decisions:** Access comprehensive performance data for informed decision-making.
- **Employee Development:** Facilitate constructive feedback and continuous improvement.



# Technology Utilization



## Python

Python was chosen for its simplicity, versatility, and extensive library support, enabling rapid development of the employee tracking app with efficient automation and user-friendly interface design.



## Libraries Used

**Graphical User Interface:** PyQt5

**Other Uses:** PyAutoGui, PyPerClip, Subprocess, sys, PIL (Python Imaging Library), Threading

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# Functionalities

## Activity Tracking:

- Monitors user activity, including time spent within applications, opened applications, and edited files.
- Tracks user interactions to provide insights into productivity and application usage patterns.

## Screenshot Capture:

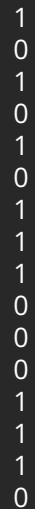
- Captures screenshots at regular intervals, such as every 2 minutes, to visually record user activities.
- Provides a comprehensive view of user actions and screen content for analysis and review purposes.

## Time Tracking:

- Records user punch-in and punch-out times to track working hours and breaks accurately.
- Facilitates efficient management of employee schedules and attendance data.

## Keyboard and Mouse Monitoring:

- Tracks all keyboard clicks and mouse clicks to capture user inputs and interactions.
- Offers detailed insights into user behavior and usage patterns for comprehensive performance analysis.



# GUI to Interact

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Thank You