

# FOCUSFLOW AI

AN EMOTION-AWARE PRODUCTIVITY TOOL

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# Our Problem

*What if your timer knew when you were breaking down?*

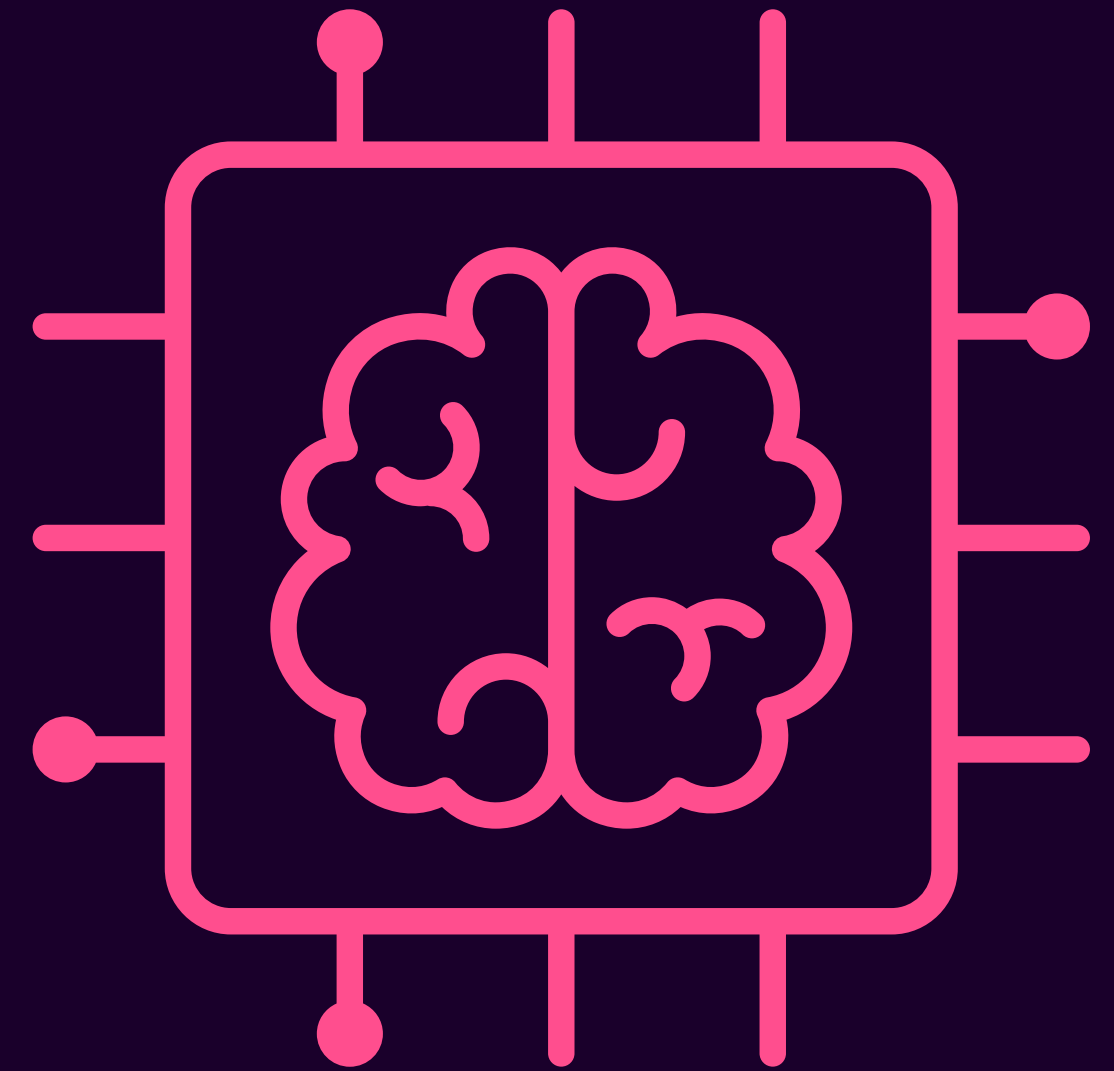
- We push through **stress, sadness, and frustration**.
- Timers treat us like **robots** not **humans**.
- **Focus** drops. **Burnout** builds. But the clock keeps ticking.
- **Mental state** is rarely considered even though it **matters most**.



# Our Solution

*What if your timer could sense how you feel and respond in real time?*

- Meet **FocusFlow AI** an **emotion-aware Pomodoro timer**.
- It tracks your **facial emotions** to see how you're really doing.
- When you're **happy**, it **extends your flow**.
- When you're **stressed** or **low**, it **automatically gives you a break**.
- A **timer that adapts to you** not the other way around.



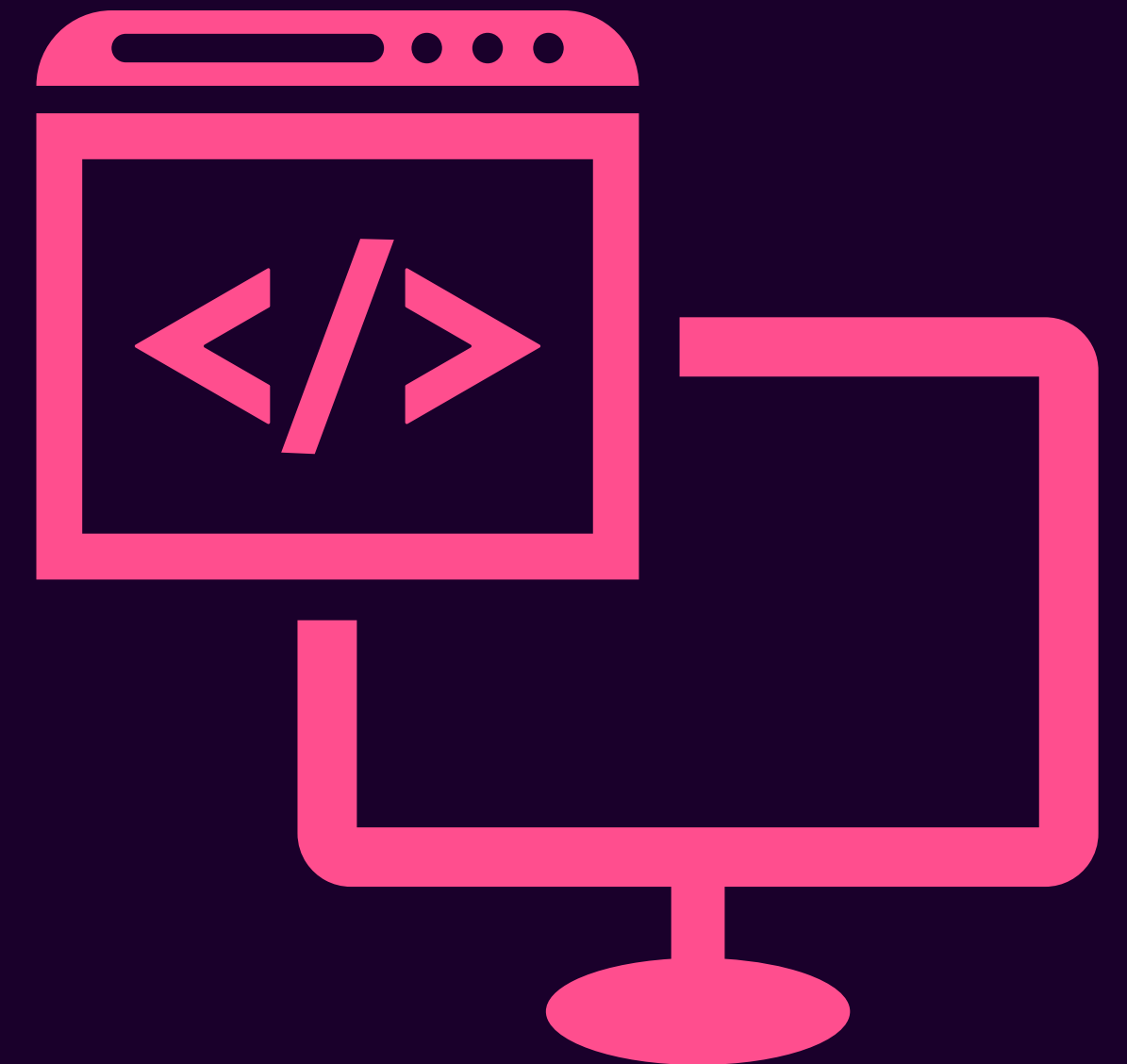
# Key Features

- **Emotion detection** (Happy, Sad, Stressed, etc.)
- Dynamic **timer baseline** (starts at 25 mins, adjusts automatically)
- API to handle **real-time updates**
- **Emotion thresholds** to trigger **rest periods**
- **Image upload** and **processing pipeline**



# Techincal Quality

- Built with **Flask API + emotion tracking logic**
- Modelled with a **CNN Architecture**
  - *Human-Face Binary Classification*
  - *Facial Emotion Multi-Class Classification*
- Regularized with **Early Stopping**
- **Real-time image processing** pipeline
- **Emotion thresholds** dynamically **adjust session time**
- Modular with **performance-first design**



***Ready to make productivity  
emotionally intelligent.***

*Let your timer care*