EyesUncloudedApp – Project Documentation

Author: Khaylub Thompson-Calvin

Date: April 16, 2025

Template Source: StudentTutoringApp (GitHub Template)

# 📘 Overview

EyesUncloudedApp is a self-mastery, emotion-tracking Flask web application inspired by my larger legacy project and story universe. The name draws from a key theme in my mythos: perceiving reality without distortion — “eyes unclouded.” This repository was created using a pre-built Flask + MongoDB template to reduce boilerplate setup and enforce scalable architecture using the MVC pattern.

# 🔧 Why I Used the Template

This project began from the StudentTutoringApp repository, which I intentionally structured as a reusable template. It contains a clean MVC layout, ready-to-go Flask and MongoDB setup, a Pytest suite, and automation tools like fix-structure.ps1. Using it prevented repeated manual scaffolding and allowed me to focus directly on building the app’s features.

# 🎯 Purpose of This Repository

This version of the app is intended to evolve into a perception training dashboard. It will:  
- Track emotional awareness logs  
- Display perception streaks  
- Connect to deeper philosophical questions from my personal universe (Atlas, Eyes Unclouded, etc.)  
- Eventually support facial data analysis and microexpression-based training

# 📁 Files & Structure

- src/: Flask app logic (routes, models, controller-style layout)  
- templates/: Jinja2 HTML templates  
- tests/: All pytest-based unit tests  
- requirements.txt: Python dependencies list  
- new-project.ps1: One-click setup script  
- PROJECT\_DOCUMENTATION.md: Markdown version of this document  
- docs/: Contains formal documentation files like this one (.docx)

# 🧑‍💻 Developer Notes

This project supports long-term development aligned with my legacy game, Atlas mythos, and microexpression mastery goals. The system is modular and supports automated reuse. It's a foundation for transitioning from student-level code to developer-grade toolkits and long-term documentation practices.

Document prepared by Khaylub Thompson-Calvin