**🧾 Session Summary: HRIS Take-Home Project (Late Night Work Log)**🕐 Time Block  
Started: ~[Morning or Afternoon Start, if known]  
Wrapped: ~[Still active — fill in later]  
Total Duration: ~[Estimate later]  
Goal: Final project sweep — consolidate tests, finalize design assets, polish submission artifacts

✅ Work Completed Today  
• Refactored send\_alert.py to use .env credentials for secure alerting  
• Updated README.md with environment variable documentation and security best practices  
• Merged duplicate test\_api.py files into a unified, well-organized structure  
• Relocated all test files into the /tests/ folder to follow modular test suite conventions  
• Renamed MrBeastColorPalette.png and moved to visuals/ for design asset clarity  
• Evaluated Docker implications and confirmed frontend requirements for different deployment modes  
• Reviewed username/password requirement strategy for potential login implementation  
• Audited full project folder layout to match submission and GitHub expectations  
• Created matching session log placeholder to document final sprint tonight

🧠 Strategic Enhancements  
• Standardized naming conventions across test and asset files  
• Reinforced security protocols for alerting and environment variables  
• Improved test coverage by combining API contract and internal logic validation  
• Organized visual assets to reflect branding consistency without bloating core files  
• Defined boundary between backend API service and optional frontend interface for future Docker deployment

📊 Updated Completion Estimate  
→ ~97–98% Complete  
Remaining: Optional run\_tests.py launcher, HR dashboard visuals, final README screenshot or preview, ZIP structure cleanup