DROWSINESS DETECTOR
Team: //To Do: Team Name
Company: Aerospace

Team Members:
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Purpose

- Monitoring satellite launches requires full attention
- Requires a trained alert team of professionals
- High stakes scenarios
- People get tired
Overview and Approach

- User runs program
- Program recognizes face
- Detect if drowsy based on varying factors: yawn, blink, eyes closed
- Alert user if they are showing signs of drowsiness
Technical Details

- OpenCV facial detection
- Feature analysis
- Time series analysis
- Drowsiness threshold triggers
Next Steps

- User accounts
- Calibration for each user
- Better accuracy with drowsiness detection
- Statistics for each user
- Website to view stats
thank you, next.