

Driver Fatigue Detection in Vehicles using Computer Vision.

Specification and Design

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Document Acceptance and Release Notice

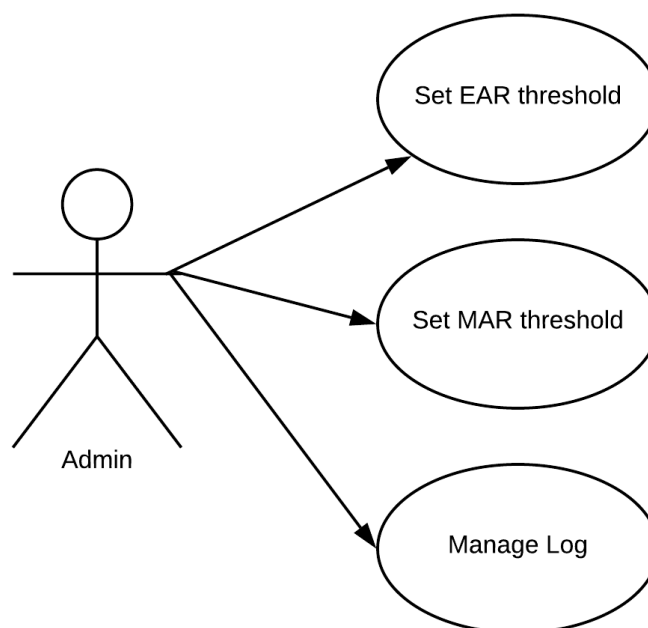
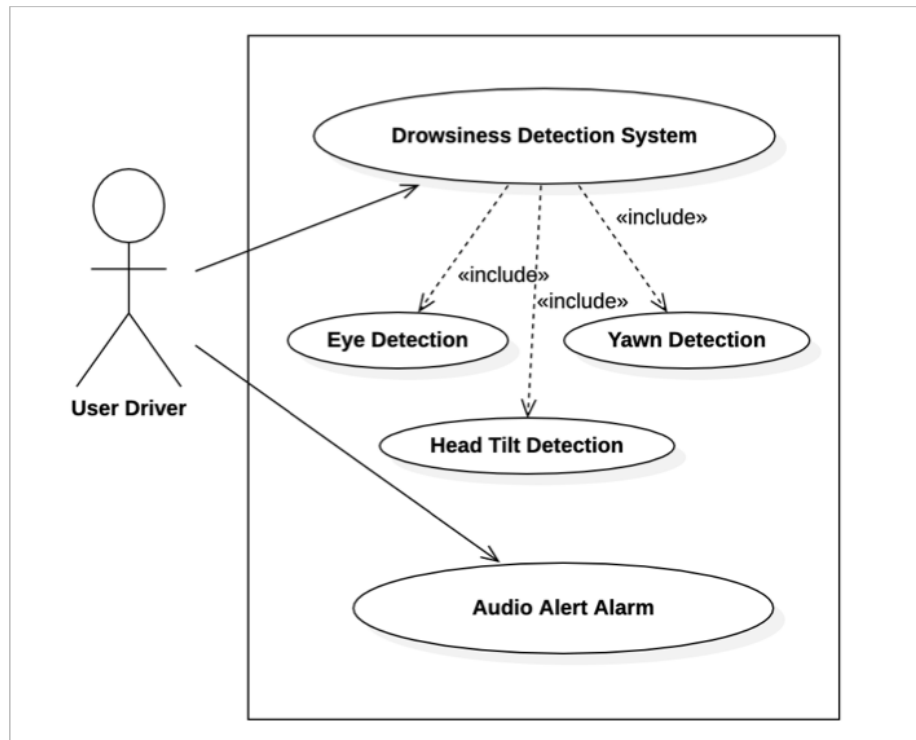
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(for release)	Dr Paul Darbyshire Project Sponsor, VIT		

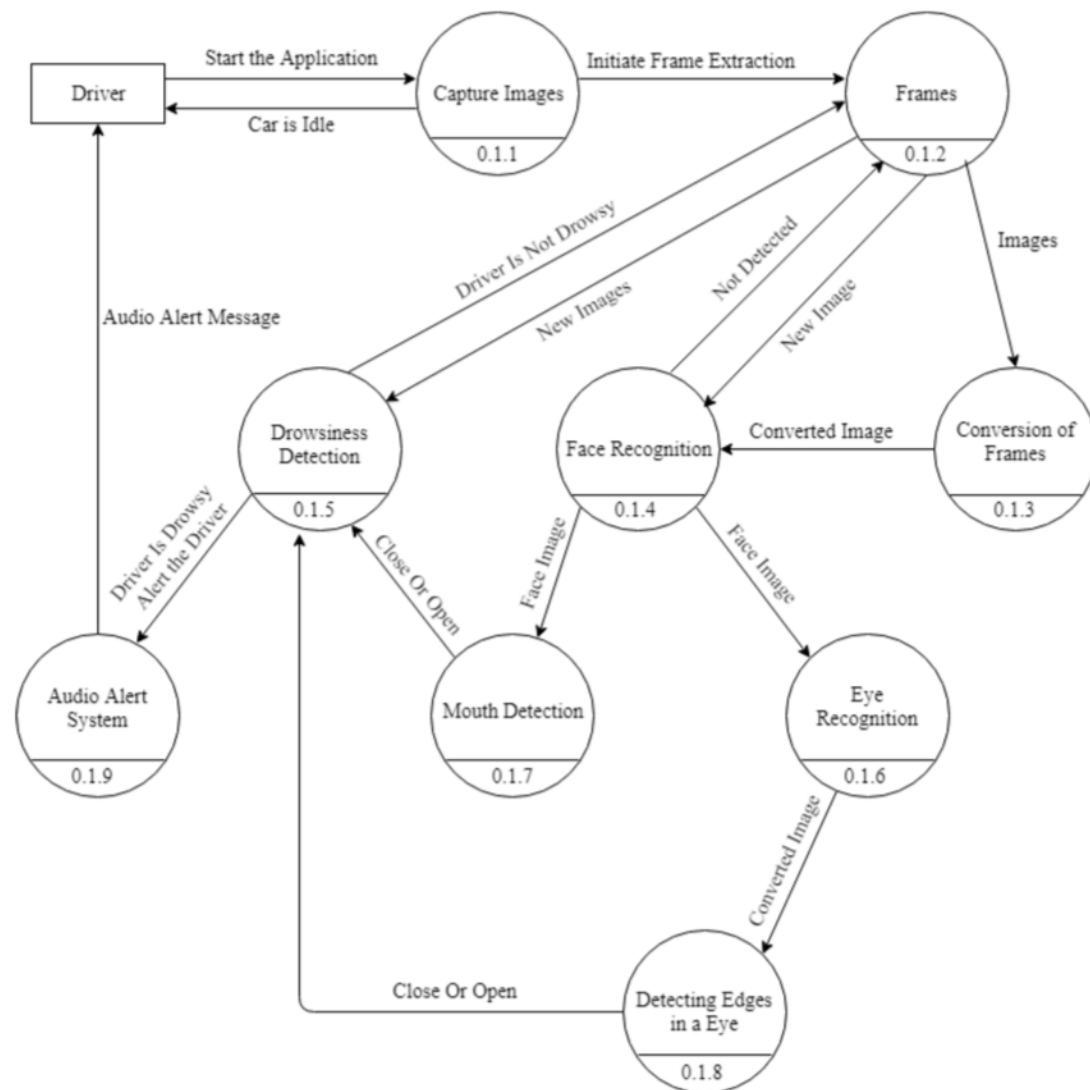
Use Cases

Use Case Diagram:

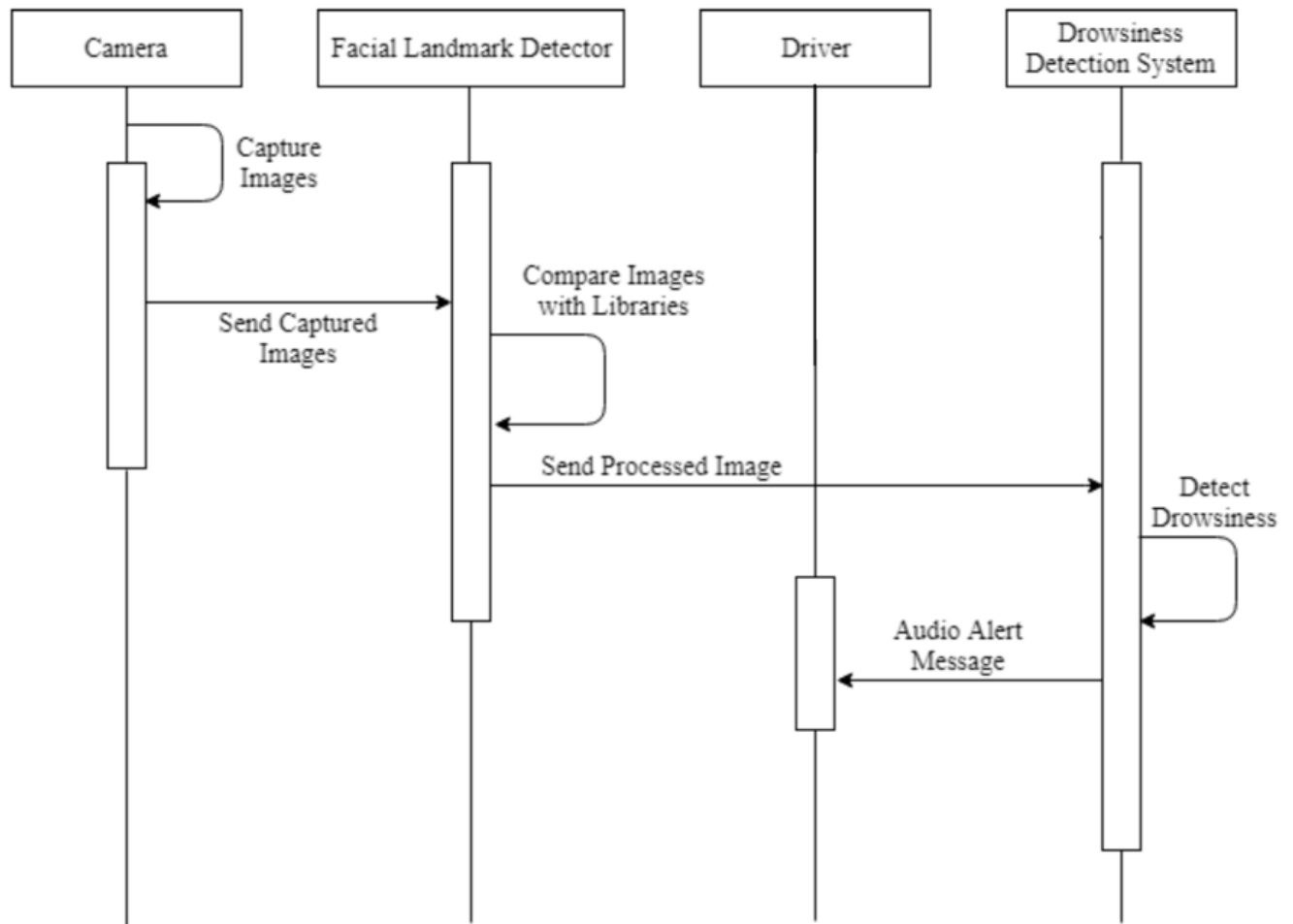


Design

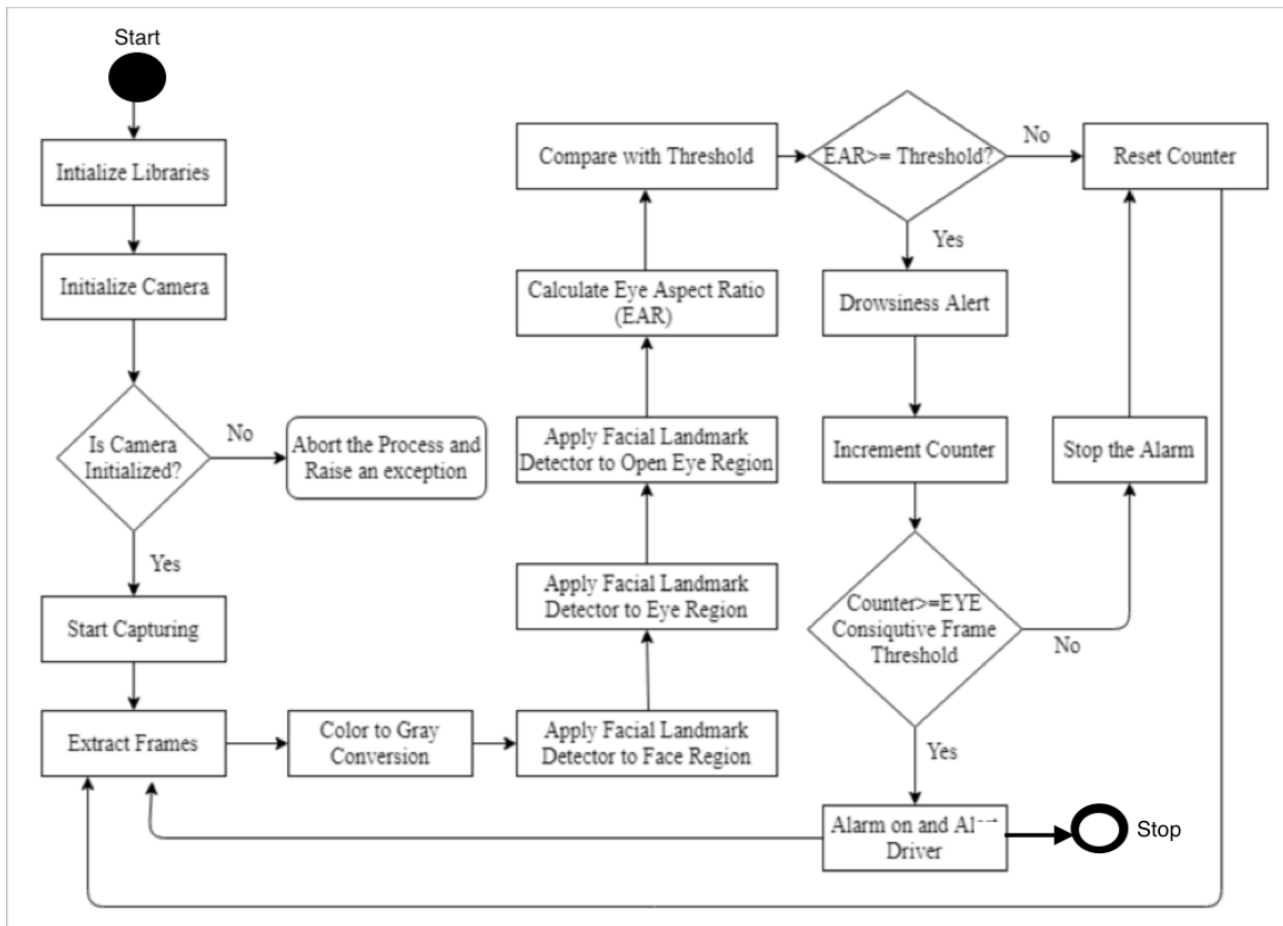
Architectural Design



Sequence Diagram



State Diagrams



References

1. <https://arxiv.org/abs/1904.07312>
2. <https://pypi.org/project/opencv-python/>
3. <https://towardsdatascience.com/understanding-rnn-and-lstm-f7cdf6dfc14e>
4. <https://towardsdatascience.com/drowsiness-detection-with-machine-learning-765a16ca208a>