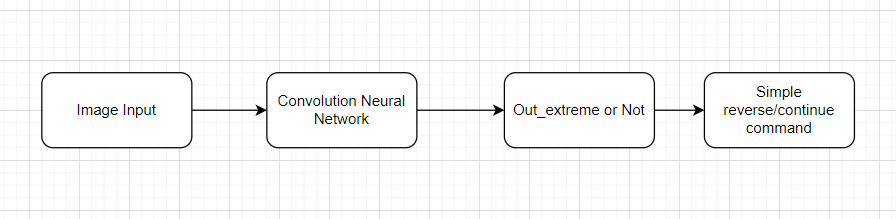
Extreme Road Incident Detection in Autonomous Vehicles Using Deep Learning

This project focuses on the extreme road incident detection in autonomous vehicle using fire and flood situation as a case study.

Due to limitation of resource and data, regular fire and flood images are used in this research.



Step involved will include image acquisition.

1. Obtain image of regular fire and flood
2. Obtain camera image of regular autonomous car images
3. Import images to python
4. Create directory for test and train data
5. Rename and recategorize fire and flood images as extreme incident images
6. Rename regular autonomous vehicle image as normal images
7. split images
8. process train images
9. extract features
10. build CNN model
11. train model
12. test model
13. report performance
14. simple function to show reverse message on classification as extreme