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- 1) Increasing dataset by manipulating the RGB channels so that the object stays the same but the overall color changes.
Can also experiment with the brightness of the image (to give an impression of night and bright day).
- 2) Decreasing the picture resolution to increase speed of the model. Also the model learns features on low resolutⁿ thus performing good in case input is of low resolution.
- 3) Separate model for detection and classificatⁿ
— Still not sure.
- 4) Anomaly detectⁿ — It won't work bcoz car surface is not flat and so bents on the car can be

mis-treated as dents.

5) Use less no. of frames as input to improve latency.

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1) UNet Architecture (+ 1 - Priyanshu)

