***Pothole Detection System***

**By: The Newcomers**

**What it does right now: -**

1. Detects all the potholes in a photo.
2. Able to detect potholes in a video.
3. Roughly estimates the contour area and the centroid of the pothole…
4. Works quickly with photos.

**What we plan for it in the future: -**

1. It will return the location of the captured Image(Latitude and Longitude).
2. Will automatically store the location and cropped image of potholes into a database.
3. Automatically report the location and state of the identified potholes to the concerned authorities(BMC).
4. (distant future) Be able to predict the quantity of materials and the repair cost, and report this too.
5. (distant future) Cloud computing, so that it could be run anywhere w/o expensive GPUs.
6. Easy to use UI for the software.
7. Integration with previously installed dash cams of cars to automatically report potholes on the go.
8. Android/Ios app for pedestrians to report it as well.