

V. AWARENESS

To increase knowledge and awareness among all vehicle drivers to avoid the various types of road drainage on road, cause of flight problem. Also in drainage because of speedy vehicles. To avoid this problem, we develop this app. By using custom map, we can identify all the drivers and we can minimize the number of accident in all over the India as well as in world.

As per ancient record of the road accident in very few years ago, most of the road accident reasons are due to the potholes, drainage and the very fast speed vehicles. Especially in India, every day most of the accident in twenty to thirty-five age group people. So we make the custom map to detect the potholes and drainage and it sends the message to driver and alert the driver through the beep, so that he can see the ahead for the potholes or drainage.

VI. FLOWCHART

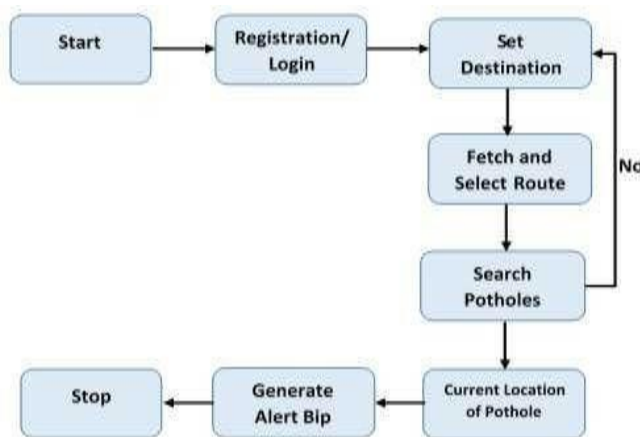


Fig.5: Flow chart of proposed system

VII. LIMITATIONS

1. It is easy to detect pothole and drainages on road.
2. Easy to find out current road information.
3. In form about traffic and accidents by using navigation system.
4. It is very helpful to respected company like NHAI (National Highway Authority of India) for re-planning related to any engineering work of road.

VIII. ACKNOWLEDGEMENT

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 response to users and provide notification to user
 from custom map. Detect the potholes and decrease the
 accident.

IX. CONCLUSION

The model proposed in this paper, serves two important purposes; automatic detection of potholes and bumps and alerting vehicle drivers to evade potential accidents. The proposed approach is an economic solution for detection of dreadful potholes and uneven bumps, as it uses low cost ultrasonic sensors. The mobile app used in this system is an added advantage as it provides timely alerts about potholes and bumps. The solution also works in rainy season when potholes are filled with muddy water as alerts are generated using the information stored in the database. We feel that the solution provided in this paper can save many lives and ailing patients who suffer from tragic accidents.

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