Track Me
A Personal Vehicle Tracking and management app

Moumita Choudhury, Student, University of Dhaka. Nusrat Munia, Student, University of Dhaka.
Amit Sarker, Student, University of Dhaka. Md. Mofijul Islam, Lecturer, University of Dhaka.
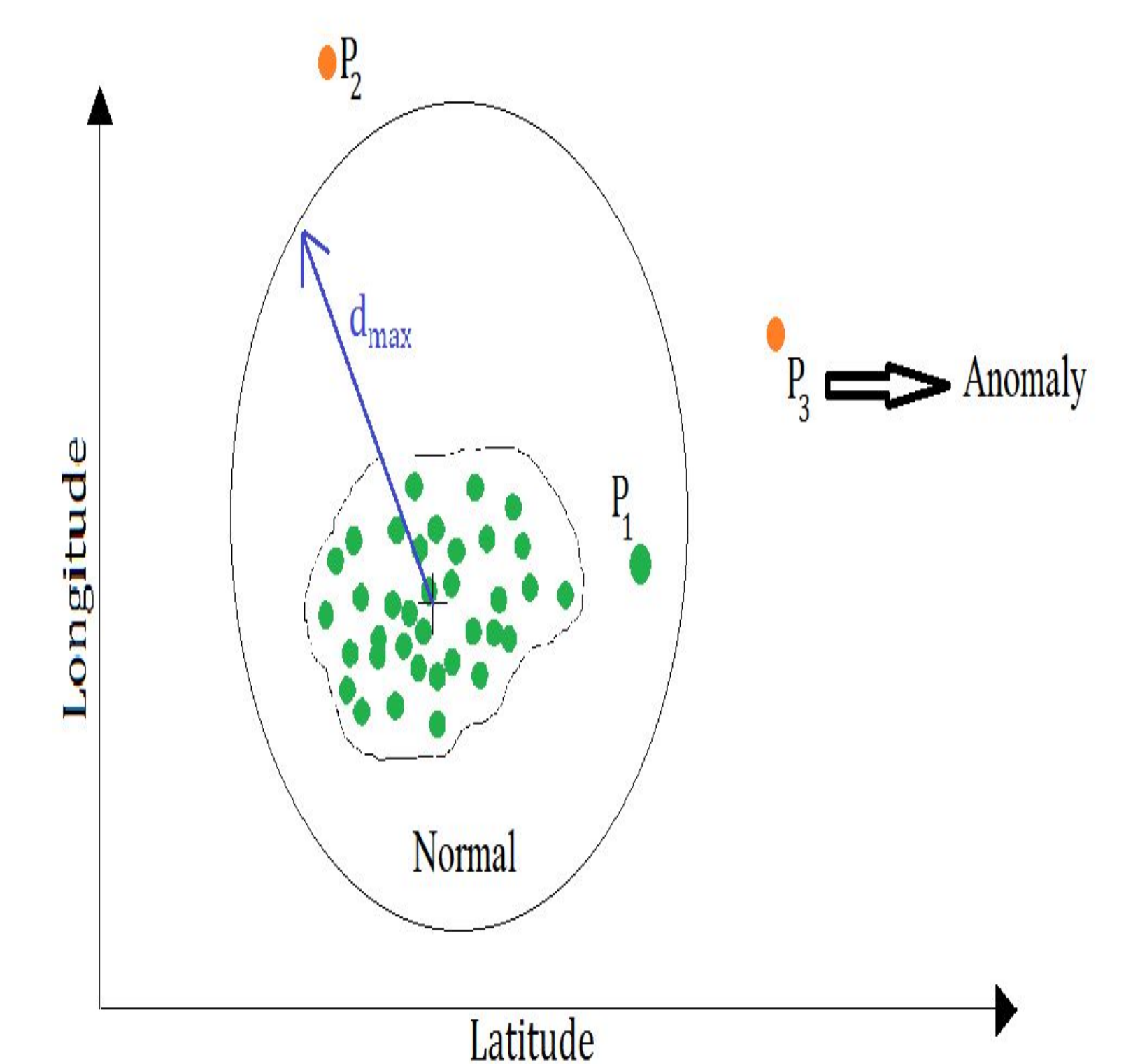
MOTIVATION

- Addresses Safety Concerns
- Makes Managing Simple
- Improves Efficiency & Savings
- Acts as a Solid Record
- Enhances driver safety

REAL TIME LOCATION TRACKING
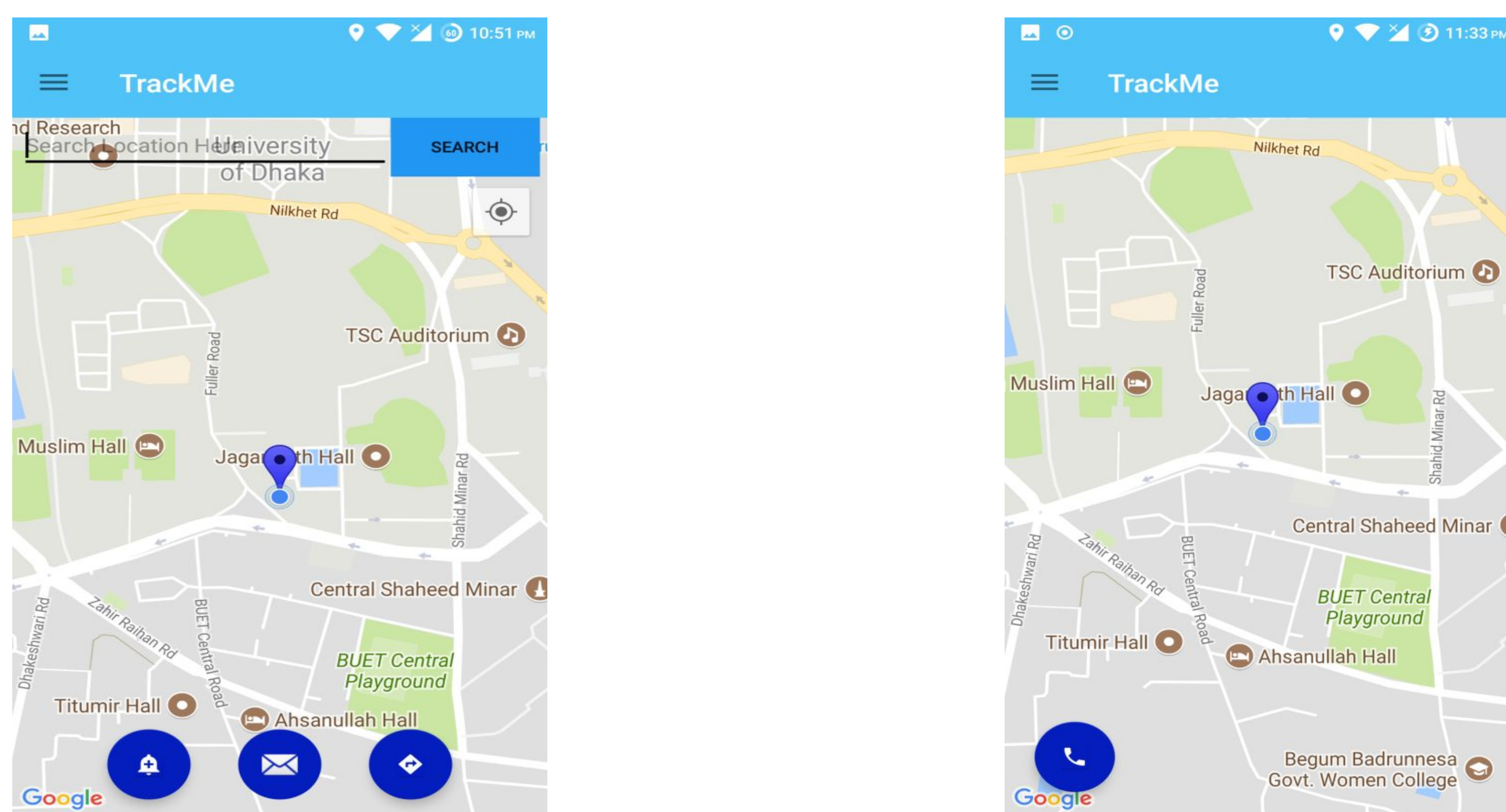
NOTIFICATIONS

FEATURES

- Real time location of driver
- **IDP** - Irregular driving pattern alert
- Emergency help alert
- Social Media with feed
- All users traffic heatmap
- Drivers place history heatmap
- Push and stored notifications

ROUTE DIRECTION

CONTACT

Moumita Choudhury
Email: moumitach22@gmail.com
Amit Sarker
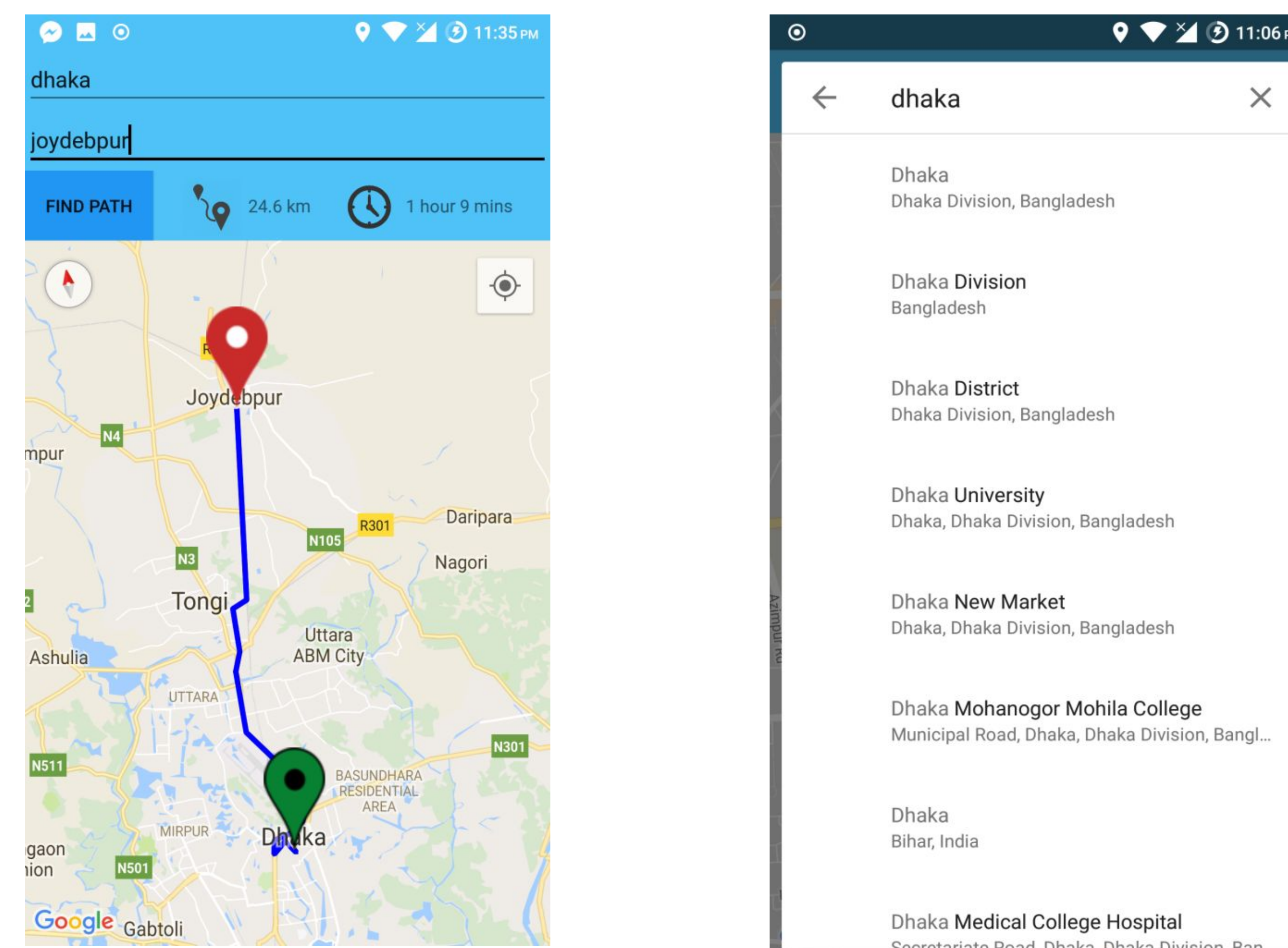Email: amitcsedu99@gmail.com

ANOMALY DETECTION

- The distance to the appropriate centroid of the normal cluster is calculated.
- If distance > d_{max} the object is treated as an **outlier** and **anomaly**.
- A notification stating user is driving irregularly is sent to the owner
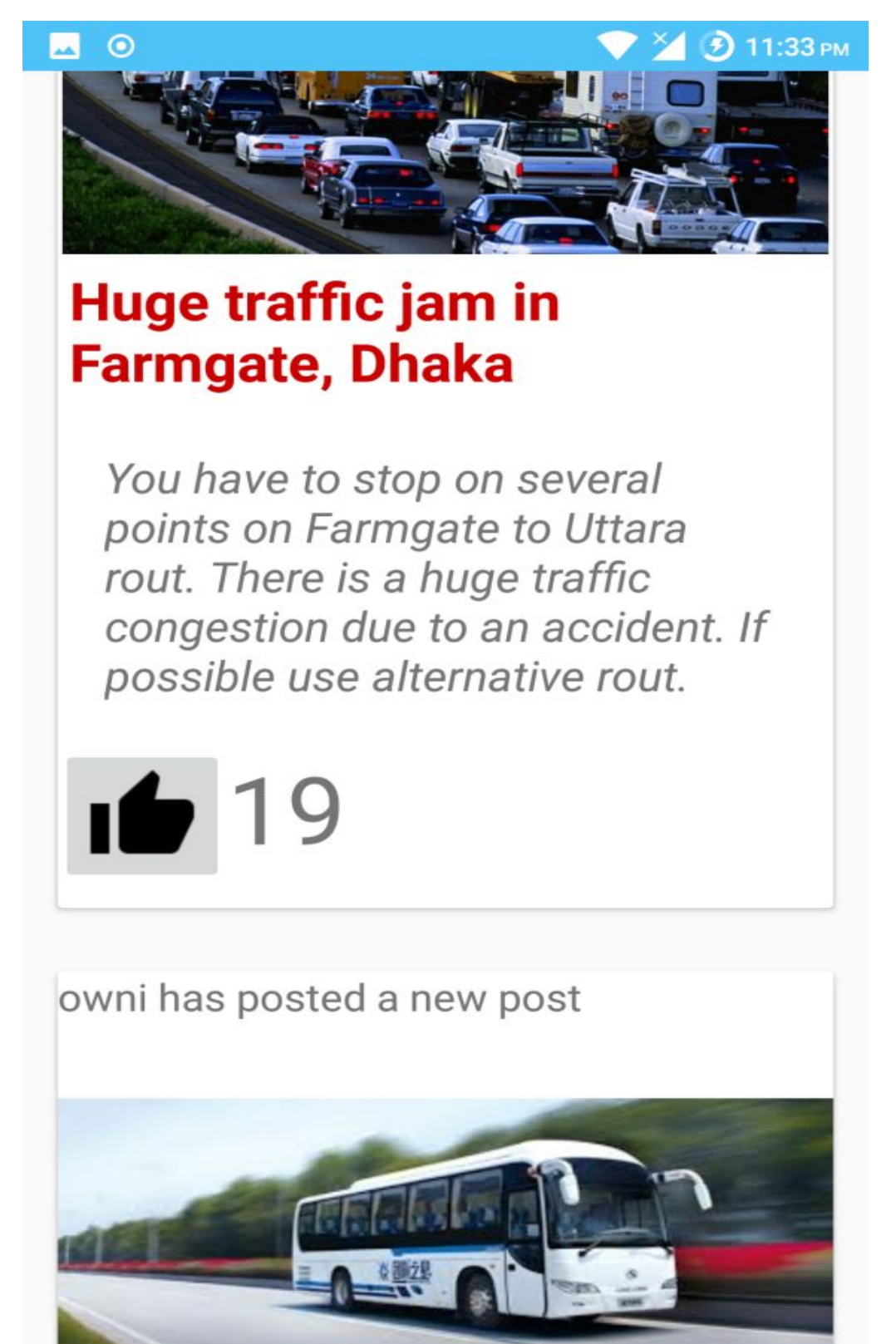
HEATMAPS

FUTURE PLAN
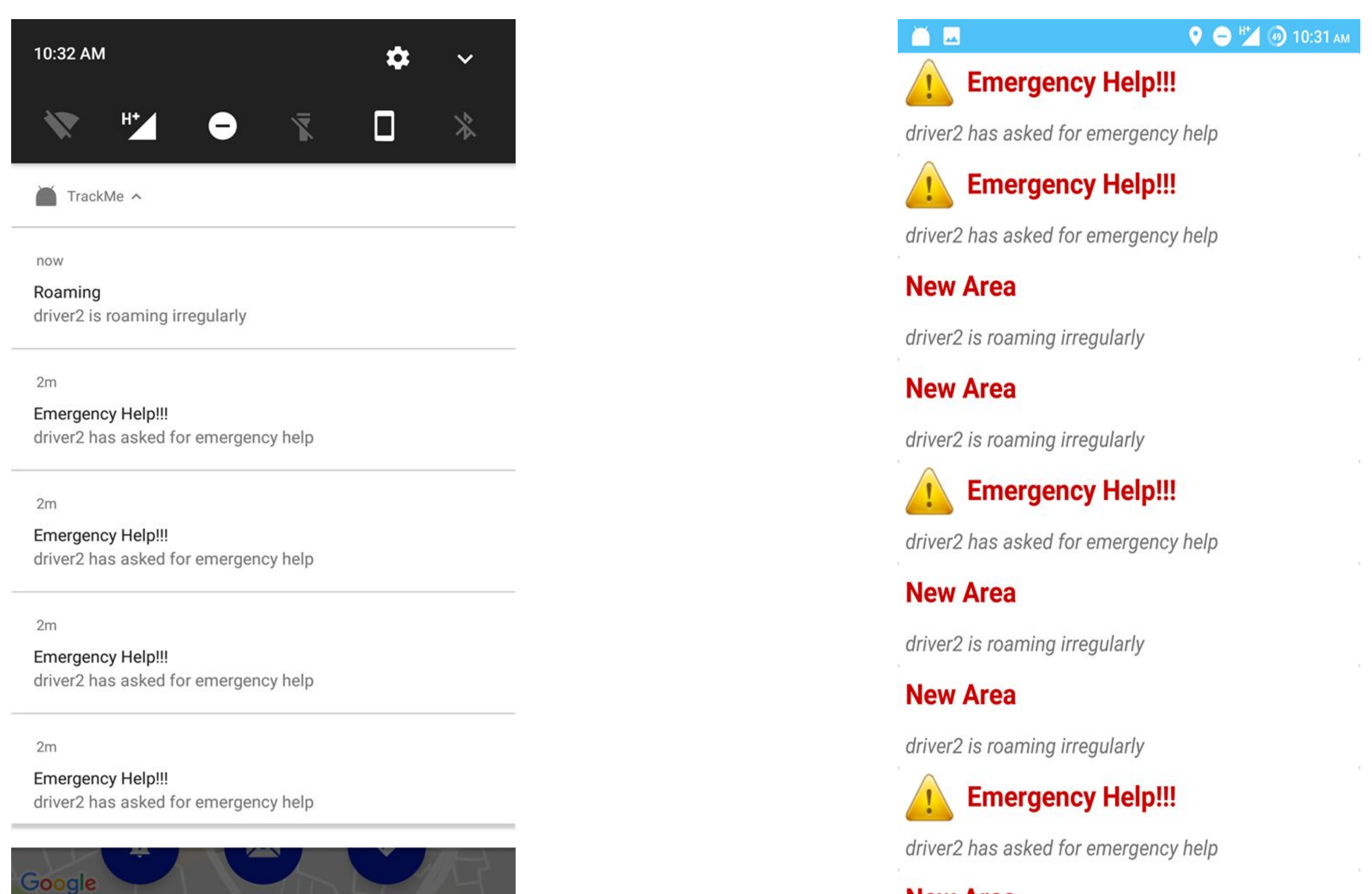
More accurate traffic prediction and tracking public transports

SOCIAL MEDIA

Huge traffic jam in Farmgate, Dhaka

You have to stop on several points on Farmgate to Uttara rout. There is a huge traffic congestion due to an accident. If possible use alternative rout.

👍 19

owni has posted a new post

CONCLUSIONS

- gps, network provider and google map to detect precise indoor and outdoor location
- kmeans clustering algorithm for finding regular roaming pattern