



Information Technology and Quantitative Management (ITQM2017)

## Speak up: Get Rid from Daily Problems

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### Abstract

Technology does not drive us apart, it brings us closer. In today's busy world, no one has the time to listen and discuss their daily problems, critical incidents and many more things which we usually don't try and are unable to share because of lack of time and many other situations. So through this app, we are trying to connect to the people and bring them on the same platform and create awareness among them through crowd sourcing. People are free to post their issues and those living in the same area can come together using GPS and make a group to report their common problems. They can take snap of the incidents (videos and photos) and post on the common blogs so that the recovery teams solve these issues without sending out a crew to assess the damage. The team will look into the problem and try to solve it and tweet about the same if required and give the progress reports. Apart from this the recovery teams can also communicate among each other through groups and tweets. Basically motive of this app is to connect the common people with the government bodies.

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Peer-review under responsibility of the scientific committee of the 5th International Conference on Information Technology and Quantitative Management, ITQM 2017.

*Keywords:* Mobile Application, GPS, Social issues, road sourcing, Daily issues, Awareness, Government bodies, Recovery Team, Open discussion.

### 1. Introduction

Connecting people with a need to the people willing and able to fulfill is this technology's greatest achievement. Many apps use location information to solve the problems like location detection, location tracking and find nearest locations but till now there are very few apps that are using location and GPS tracker to solve the common problems face by people in different localities[13].

Despite of the advanced technology, there are various constraints which restrict the people to share their problems. For instance, unavailability of a common platform, communication gap between common people and the government bodies. People generally avoid standing in long queues to report their problems such as water

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scarcity; electricity issues etc. in front of the government offices. People do not have time to interact with others so when they face some problem then they hesitate to interact with others or want to share some incident that is wrong for example robbery, accident etc. Hence, our main motive to develop this app is to reduce this communication gap and make it easier for the people to share their problems. In addition to this, people can also post the critical issues which need immediate attention. For example robbery in the society, water logging due to heavy rains, unnecessary traffic jam due to fallen trees on main road, elderly citizens who are unable to clean their sidewalks after a snowstorm can ask for help online and the village women who are not allowed to go outside can simply install this app and ask for any help [1]. So by sitting at your home you get aware about the daily problems and post your own issues. In fact you can also help others by replying and giving suggestions. Along with this, with the help of camera and video feature user can add the photos of the current situation so that government can take the immediate actions. The app's working procedure is that whenever someone posted about incident that should be known to the neighbours for example the incident is water logging problem due to heavy rain. User can tag his locality people one by one or can tag using GPS radius feature. And this app will show a list of other users who are currently available in that area and user can tag people from that list and they will be notified about that problem and there will be a common platform where every post of a city will be listed so that everyone of the city can see problem posts and can share their views by commenting or liking, disliking on the post.

There will be a recovery team who will inform the politicians about the problem and when that problem will be solved then recovery team will post about that problem and can take feedback from the people of that society and will work over it. And there is a feature that is provided to recovery team is that every recovery team can make groups with other recovery teams or can chat with others about problems. The users who have posted any problem can view the popularity of his post and also can see hot topics. Via this app user can post problems on popular social media websites like Facebook and twitter. So when user will post something then it will be posted on his profile. So his friends also can see his problem or can help him. Almost every politician is active on these sites nowadays so user can also tag them so that they will get to know about problems and will solve the matter and more people will be able to see the problems from which citizens are suffering.

Whole paper is organized in seven sections. Section two describes about the existing mobile application related to our work. Data set description, on which this application is tested, is given in section three. Section four describes the proposed methodology and all the calculations which are being used to develop this mobile application. Section five shows the results outcomes. Comparison among existing app and speak up is given under section six. Section seven describes about conclusions and future work about Speak Up.

## **2. Related work**

People face various problems and issues that come in their ways suddenly and they want the quick solutions regarding those situations. There is very little mobile application which is mainly based on the people's daily life problems. uRep [1] is an application where we can report any harmful state/ situation such as electricity cut due to downed power line, congested roads due to fallen trees, flooded roads due to heavy rain etc. But this application has a major drawback; it is totally dependent on utility companies to update their progress. If these companies are not responding to the users at the earliest, this can dampen the user to report their daily problems through this application. Another application is GasBuddy [2] which is mainly for to find cheap gas /fuel. This Mobile app help customers to decide which gas station will get them more gas for their money. On top of fuel prices, users can also submit services available at each station, including this such as bathrooms, ATMs and car washes. It receives 60 million price reports per month.

Iqamah [3], it is the app which displays 500 mosques. It times our neighborhood mosques, updated dynamically list of nearby mosques sorted by distance from our location and Ability to display mosques on the

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