Clean India Android APP

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ABSTRACT

The project contains options for tracking the GPS location (Latitude, Longitude) of the user (location) and appends it to the text message. At the given time interval, the details are SMS to the Authorized person. In proposed system, the user upload the image of the particular place and add the unique identification number and send it to the administrator. While uploading the images of the particular location, the latitude and longitude of that place will be automatically tracked and append with that message to administrator. In administrator login, admin view those complaints sent by multiple user and post the reply message on confirmation. This helps the people to keep their place clean. The proposed system is to design a location tracking system that works using GPS technology. The Global Positioning System (GPS) is a satellite based navigation system consists of a network of 24 satellites located into orbit. The system provides essential information to military, civil and commercial users around the world and which is freely accessible to anyone with a GPS receiver. GPS works in any weather circumstances at anywhere in the world. In this system the owner location automatically enable the GPS option for the missed location. It is very useful to find out the location.

Keywords: Clean India, Android, GPS and SMS.

1. INTRODUCTION

The term LBS (Location Based Services) or mobile GIS (Geographic Information System) is emerging. LBS is a wireless information service that uses the location information of a mobile user. The convergence of multiple technologies including GIS, internet, wireless communication, location determination, and portable device has given rise to the LBS. To provide various information based on the location of mobile user, LBS requires GIS functionality for mapping user's current location and user's interest area through the wireless internet. This location information is acquired by the location determination technology. The geographic information created with the location information is represented on the screen of a portable device

2. WORKING OF PROPOSE MODEL

ADMIN
View Images
In this module, admin view the images and related message is append with that image which describes the action to be made in particular place. The additional feature in this application is that it find the similarities between multiple user posted image and group them into single image.

Add Status
In this module, admin add the status on particular action quoted by the user and define them with the necessary steps taken by them. This helps the user to know the response upon their service request.

USER
Add Images
In this module, admin adds the image by selecting the image from the gallery. This image shows the place that needs to be clean. During the addition of image, user enclose the

description about that place and Aadhar identification number for uniqueness. These images are stored into database.

View Status
In this module, user view the status on action quoted by them and view the steps taken in that place by the admin to clean.

3. FUTURE ENHANCEMENTS
The project provides a best assistance in the society welfare. It allows adding up the following facilities in future
- Automatic pre-recording call to owner.
- Implement website with integration of app.
- Integrate with loud speaker to send voice message to higher authority.

4. CONCLUSION
This paper has discussed the design and implementation of a geo computing platform for LBS and image mapping. This geo computing platform targets LBS application development, and focuses on image mapping as a core element of LBS. Modular mobile mapping with image which support LBS consists of the functionalities of location information processing. Location information by a GPS is effectively compensated and supplemented by human geographic recognition of objects because these two have different characteristics.

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