Abstract

Today’s smartphones can unlock the full potential of crowd sourcing and take eParticipation to a new level. Users can transparently contribute to complex and novel problem solving solutions. Engagement of citizens is still challenging but the proliferation of smartphones with geolocation has made it easier than before. The paper introduces the environmental project and associated mobile app called CROWDPATROL. The project is
primarily intended to report illegal waste dump sites in the district of Pune, Maharashtra. The
idea is to use the potential awareness of the broader public about the environmental and
economic drawbacks of illegal landfills. The smartphones/tablets GIS (geographic information
system) reporting application CROWDPATROL has been developed. The mobile app
"CROWDPATROL" enables users to report illegal dump sites, potholes and various
other civic issues. The project CROWDPATROL is intended for all the citizen who would like to
be actively involved in reporting, mapping and tracking of illegal dump sites in their cities or
villages originating mainly because of bad attitude and behaviour of irresponsible people and/or
businessmen. The objective of this project is to contribute to solving problem of environmental
pollution by illegal dumps in Pune and contribute to "SWACH BHARAT ABHIYAN";

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Index Terms

Computer Science       Information Sciences

Keywords

Crowdpatrol  Crowd Patrol  Swatchh Pune