

Project Details: NAeG/14-15/00038

Project id -	NAeG/14-15/00038
Name of The Project	JKPULSE Project Monitoring Tool
Category of Award Applying for	Innovative use of mobile technology in eGovernance
Date of Launch	07-12-2012
Summary/Objective of the project	<p>Need Analysis: The biggest bottleneck was the legacy in the manual reporting system where the progress of the works used to come to the Sr. Administration only during the review meetings. Administration witnessed instances where the reporting of the schemes was false and misappropriating. So the need was to tag the pictures of the works with geo codes so that there is no false reporting. Therefore the application intends to replace the existing Manual Process with the efficient online Automated Process. There were many issues like earlier District wise/ Division wise Reports creation used to take a lot of time, actual pic of the site was not visible, etc therefore the Sr. administration desired a system which can:</p> <p>a.Facilitate inspections of Works using mobile technology. b.Encourage regular visits of the officer on ground. c.Remove connectivity challenge-as SMSs unreliable and were banned in J&K (prepaid) d.Geo Tagging and Time Stamping a picture in order to prevent false reporting e.Facilitate Real time reporting to improve transparency at all levels of administration. f.Facilitate MIS with Pictures and the comments of the official inspecting the site. g.Facilitate extracting Reports in standard formats on real time basis. h.Facilitate the Administration to Reverse communicate with the ground level users. Overview and Salient Features: a.A very simple application with mobile app as frontend (android based), with very easy interface and usage on mobile and web site as backend with a robust database implementing SOA and databases integration. b.Inspecting officer can click photographs of the work/ scheme location and can give real time comments and status report. All the inspections (Pictures and comments) are uploaded on the central web server available at http://jkpulse.gov.in/ with a web backend for the common access of all the levels of the users/ administration. c.This application allows the users to capture Pictures of the inspection sites which are embedded with the Geo Stamp and Time Stamp for ensuring the correctness of the site. d.The application has the offline feature as well which can be exploited in areas where connectivity is a challenge. i.e if the inspection is carried out in an area where there is no connectivity the inspection report would gets uploaded in the system once the mobile device enters a zone where connectivity is present (either GPRS/ WiFi). e.The reports (xls) along with pictures (pdf format) can be extracted at any given point of time instantaneously. The xls format is exactly on the lines of the reporting format of the concerned departments and pdf format is a report format with the scheme relevant information along with the photograph of the last updated inspection along with details of the inspecting officer, geo stamp and the comments. f.The reverse communication from the administration to the lower levels is also possible through the mobile application. Here the higher level officers can send messages to the lower levels in case there is a priority for the task. g.The Picture / Status once captured by the inspecting officer once captured are out of his control to delete or modify. Application Use: The application is being used by the government officials who are involved in Border area development program and Power Development Department related works. Appropriate hardware is distributed to the concerned officers considering their levels: a.Level1 Lowest Level : JE/ VLW/ other officers of the same role b.Level2 BDO/SE/ Ex EN/ AEE/ AE/ DIO/ other officers of the same role c.Level3 DC / Chief Engineer / CPO d.Level4 Worthy Chief Secretary, Pr. Secretary Planning and Development Department, Principal Secretary PDD, Commissioner Secretary IT, Director CSS/ BADP, Other Sr. Administration involved in monitoring and MIS. 3)Recognitions Till Date: a. Manthan Award 2014 b. SKOCH Platinum Award 2013 c. eIndia Award for Excellence in Innovation, July 2013</p>
Beneficiary of the project	Government Departments and Citizens are the real beneficiaries. It is Completely a mobile based application. The idea is very innovative in nature and is constructed based on the need of having a solution to get away with the manual government process system and get equipped with the totally online / automated and efficient e governed system for the monitoring the progress of schemes/ works of the department. Only the mobile is used to report the progress of any work for the complete cycle. The officer/ officers whenever visit the project site clicks the photographs of the ongoing work and the progress is reported on real time server. The Web based application allows to see and extract custom reports as per the access credentials given to the user. Application

was initially designed for the Border Area Development Program (BADP) and was launched in all the 11 border area districts of J&K. Later looking into the success of the application and usability the application was extended to 4 major departments: a.PDD Department b.PHE Department c.PWD Department d.CSC (Common Service Centers)/ Khidmat Centres in J&K Beneficiaries include: a.BADP: Approx 350 officials using the application and around 2600 inspection hits till date. Launched on 7 Dec 2012. b. PDD: Launched on 21May2014, till date over 370 departmental users and over 1350 inspections done. c. PWD: Officials started using the application in Aug 2014, till date approx 5-10 users and over 120 inspections done. Official Launch proposed in Sep2014. d. PHE: Funds approved, official launch proposed to be announced in Sep 2014. e. IT Department - CSC (Khidmat Centre Inspections): Till date 5858 inspection hits received and almost all the CSCs geo tagged. Considering this, the inspections are done on time and are monitored by the Sr. Administration periodically, thereby leading to the good progress on ground thereby benefiting the citizens on timely completion of works.

Details of Project Head

Name Mr. Parvez Ahmad Malik, I.A.S
Designation Secretary to Government of J&K, IT Department
Gender Male
Address Information Technology Department,
 New IT Wing Civil Secretariat, (Moving) Srinagar / Jammu <http://www.jkit.nic.in>
Pincode 190001
State Jammu And Kashmir
Phone Number 01942450523
Mobile Number 9419180677
Email-ID pamalik.iasjk@nic.in

Details of team members, if any, other than Project Head:-

Name(1st team member) Shafqat Bashir
Designation(1st team member) Principal Consultant, IT Department
Name(2nd team member) Munish Chandan
Designation(2nd team member) Senior Consultant, IT Department
Name(3rd team member) Tania Sultan
Designation(3rd team member) Consultant, IT Department
Name(4th team member)
Designation(4th team member)
Name(5th team member)
Designation(5th team member)
Name(6th team member)
Designation(6th team member)

Supporting documents:-

[Award Specific Form](#)

[Self Certification by the Project Head](#)