MOBILE APP FOR SANSAD ADARSH GRAM YOJANA

.

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Abstract **– India is a country where major part of its population lives in rural area and majority of rural people are deprived from the very basic amenities. For this the Prime Minister of India, Narendra Modi has launched a programme SAGY (Sansad Adarsh Gram Yojana). This paper presents a mobile app for SAGY (Sansad Adarsh Gram Yojana) wherein all the details of the villages adopted by different MP's (Member of Parliament) the developmental growth and the institutions associated with the respective villages will be displayed. Here all the development details is shown in graphical format.**

Keywords - Mobile Application, Database, Data processing.

I. Introduction

India is a country where major part of its population lives in rural area and majority of rural people are deprived from the very basic amenities. There are approximately 649481 villages in India. These villages are not in very good condition and do not cater to the basic needs of villages i.e. education, healthcare, employment etc. For this the Prime Minister of India, Narendra Modi has launched a programme SAGY (Sansad Adarsh Gram Yojana). Sansad Adarsh Gram Yojana is a rural development programme broadly focusing upon the development in the villages which includes social development, cultural development and spread motivation among the people on social mobilization of the village community. A mobile app for SAGY (Sansad Adarsh Gram Yojana) wherein all the details of the villages adopted by different MP's (Member of Parliament) the developmental growth and the institutions associated with the respective villages will be displayed. The last section of conclusion and recommendation is not merely based upon theoretical study but detail surveys which were carried out by subsequent visit to the village. Also with the help of this project various MP's, institutions and villagers will get an opportunity to take part in development process and make their surrounding a better place to live and grow. It is hoped that this little work will contribute in some measures to serve the society and nation.

II. Goals and Objective

The main goals and objectives of this paper is that:-

- It will be used to display info about adopted villages.
- It shows the adopted villages under HON'BLE MP's and various institutions.
- It will display the projects undertaken and its work progress of adopted villages.
- It will also make the villagers more aware and concern about their village growth.

III. Existing System

For each of government projects there is a separate app e.g. Gram Samvaad. These apps only provide all the expected time data. There is no section for common people to interact with the concerned authorities, moreover these apps lacks a lot of features such as lack of transparency for the common man, all related authorities data are not provided etc. which makes them non user-friendly.

Technically, many of these apps do not work properly in real-time system as they fail to provide real-time data of the ongoing projects.

IV. Limitations of the Existing System

The application does not provide real time data of ongoing, completed project.

Moreover it becomes hectic for user's to have different apps for different schemes.

Security issue of these apps is a major problem.

V. Working of the system

(A) SERVER

At the initial phase the application asks for signing up of the administrator. Then after signing up successfully M.P. has to add his detailed information as well as the details of the adopted village.

Following this, M.P. has to add all the development programs which are initiated or completed by their team with the aid of villagers. All these information are stored in FIREBASE database. These data represented in a graphical format which will display the percentage of work progress on real time basis in a user friendly way.

Additionally, the institutions which has participated will also be displayed. Each project development is displayed in a structured way.

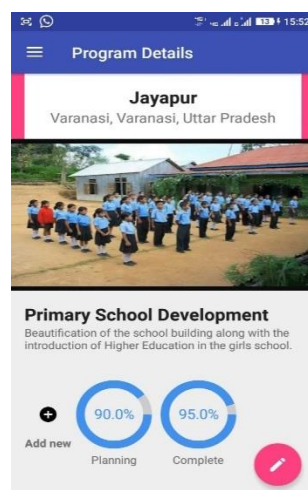The pictorial representation is shown below in step wise:

STEP 1:

STEP 2:

STEP 3:

STEP 4:

(B) CLIENT

At client side the user can search the particular village he wishes to view its developmental details by providing the village name thereafter he can view the developmental details of the various programmes conducted in that particular village. User can also view the percentage of work progress on real time basis in a user friendly way. Moreover the users can get details about concerned MP's and the institutions associated with it.

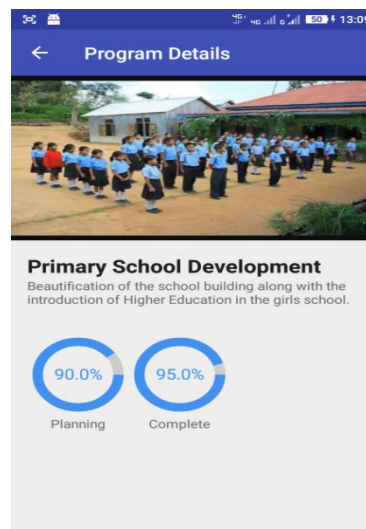The pictorial representation is shown below in step wise:

STEP 1:

STEP 2:
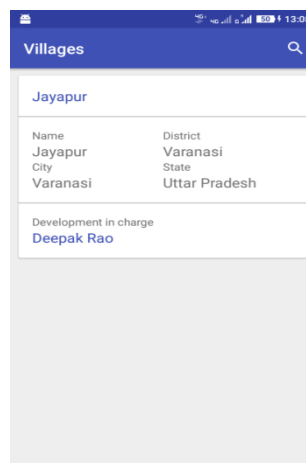
STEP 3:

STEP 4:

VI. Advantages of proposed solution

The proposed solution of this app is that it provides a common platform where all the different projects organized by the government can be monitored by common people from any place.

It also aims at providing the real-time growth of the projects as well as the expected growth of the project in a fixed span of time in well-defined graphical format.

VII. Future Scope

The fact that there hasn't been a deployed app which monitors and keeps track of any government projects growth as well as its real-time progress, so any application system based on rural development can integrate this system and its components.

VIII. Conclusion

This App is simple and versatile as it provides all the details of the development happening in a village in user-friendly manner. Moreover, it provides a common platform where people can see the programmes initiated in different villages from a common point. Also it provides Hon'ble M.P.'s and institutions to select and adopt the village and look after its development process. It will boost the socio-economic integrity of the village. Also it will help in educational upliftment and industrial development of the village. The last section of conclusion and recommendation is not merely based upon theoretical study but detail surveys which were carried out by subsequent visit to the village. It is hoped that this little work will contribute in some measures to serve the society and nation.

IX. References

[1] Ashish Raj1, Arun Dev2, Deepak Rao3, Paras Bhatia4, Shivganga Gavhne5.1,2,3,4Student, Department of computer engineering, DYPIEMR Akurdi, Pune. 5 Assistant Professor, Department of computer engineering, DYPIEMR Akurdi, Pune. Mobile app for SANSAD ADARSH GRAM YOJANA, IJCRT ISSN : 2320-2882.

[2] Sunanda Kapoor1 , Sher Singh Baghel2 1Associate Professor, School of Architecture and Design, Manipal University Jaipur 2Assistant Professor, School of Architecture, G.L. Bajaj Group of Institutions, Mathura. Sustainable Development of villages: A case example of village in Mathura district2016 IEEE International Conference on Technological Innovations in ICT for Agriculture and Rural Development.

[3] Seth Y Fiawoo, Robert A Sowah. Design and development of an Android application to process and display summarised corporate data.2012 IEEE.

[4] N. Amreen Kubra, N. Brundha, R. vasugi. Mobile application for checking the status of stock availability in pharmacy, 2017 International Conference on algorithms, Methodology, Models (ICAMMAET).

[5] Andre Ippisch, Kalman Graffi Technology of Social Networks Group University of Dusseldorf, Germany ¨ Email:{ippisch,graffi} @cs.uniduesseldorf.de, Infrastructure Mode Based Opportunistic Networks on Android Devices, 2017 IEEE 31st International Conference on Advanced Information Networking and Applications.

[6] Suranya Jayan, Computer Science and Engineering New Mexico Tech Socorro, NM 87801,Jiangfeng Sun, Computer Science and Engineering New Mexico Tech Socorro, NM 87801,Dongwan Shin, Computer Science and Engineering New Mexico Tech Socorro, NM 87801, An efficient approach to securing user data in android. Information and Communication Technology Convergence (ICTC), 2017.