INTRODUCTION

▶ Smart Water Management is the activity of planning, developing, distributing and managing the use of water resources using an array of IoT technologies which are designed to increase transparency, and make more reasonable and sustainable usage of these water resources

CURRENT SYSTEM PROBLEM

▶ In rural areas we and due tonerosion have seen due to improper water utilization and due to erosion and Cutting of canals , Farmer suffer from irrigation problem

▶ We ahave also seen that on many public places mainly on railway stations there are wastage of water usually like flowing of water from a pipeline that sends water in much amount

OUR PROPOSED SYSTEM

- ● Here we will bring an application by the help of which the user can find how many canals and government hand-pumps in the rural area(within 2 kilometers range),and can also complain to the government officials with the help of this application by sitting at home that can save time, travel fatigue and also can save money expenditure to travel.

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- At the public place with the help of this application the user can also complain to the that officers to resolve a problem by typing that problem in the complaint box so that the unusual flow of water can be resolved quickly.The Complaint message is directly sent to the nodal officer so the management information can be transparent

REQUIREMENTS

- It requires less than 1MB of space to download the application.

- Now our application is only for the windows phone user but we can implement it in all the operating system.

- We can also implement it on different operating system platform as per the need.

END USER BENEFICTS

▶ By using this application the user will have no requirement to go here and there they can directly send the message to the corresponding government staffs, it can also save wastage of water because we all know that the water is precious for us and our next generation.

▶ Because this application contains all the data related to the local rivers, canals, dams and all the information about the amount of hand pumps in the rural areas within a range of 2 kilometers, therefore it can help the poor to take advantage of this service.