

# Smart water foundation

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# Introduction

Here we bring an Mobile application for Water management system in rural and urban areas .As we know that there are many problems are facing in rural areas related to canal supply of water for irrigation ,no arrangement of water within particular distance areas like no wells ,no hand pumps ,no canals ,no ponds so with this app the people can directly communicate with the government officials .And similarly in urban areas we have seen that the water scarcity problem is happening now a days ,and like water distribution management problems. These problems are generally resultant in wastage of water ,cost ,time instead of the problem is not being solved . so for solving all problems we have Smart WMS.

## Current system problem

- In rural areas we have seen that due to improper water utilization and due to erosion and cutting of canals, farmers suffer from irrigation problem and also when they go for the government offices then they have to wait for months for resolving the problem and hence it takes time, travel fatigue and also loss of money due improper convenience. And still there are many problems of water management related to irrigation.
- We have also seen that on many public places mostly on railway stations there are wastage of water unusually like flowing of water form a pipeline that spends water in much amount and the railway official don't resolve the problem at the time so the precious water flows unusually.

## Rural problem



# Prototype of smart WMS

Our app opens as:-



After selection we login as:-



# Prototype of Smart WMS


After filling the urban area fields the next page open as:-







## End user benefit

- 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.
  - We also know that there are many peoples in rural area who doesn't know about the new government schemes so by using this app the user can directly know the new schemes.
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*Thank You*

