

जल जीवन Mission

App Presentation



Har Ghar Jal
Jal Jeevan Mission

Presenting by JJM IIT Kanpur

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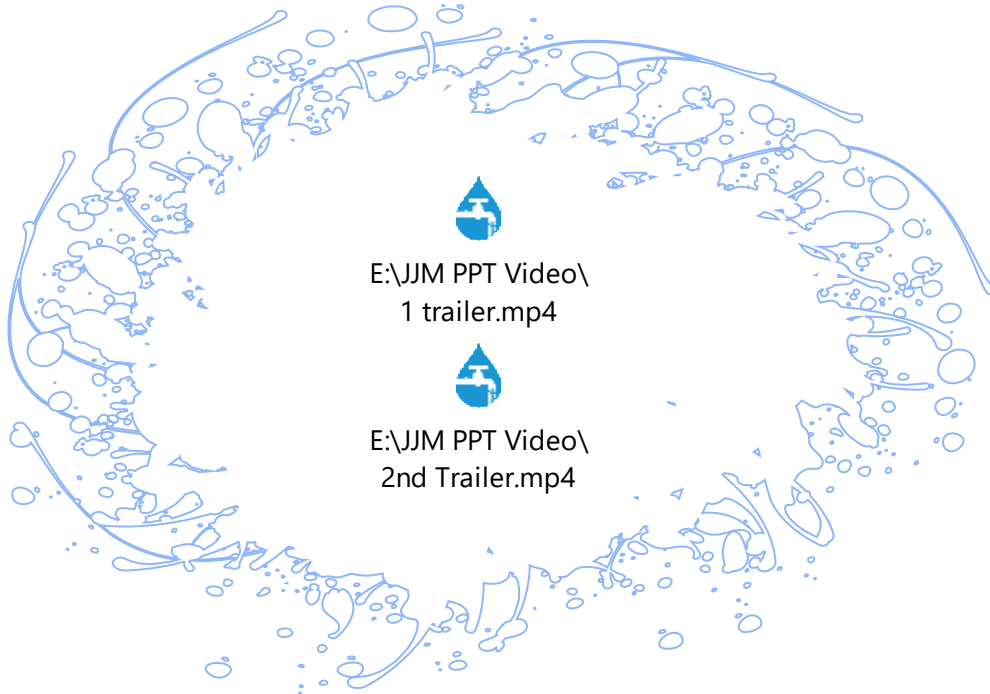
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App Trailer





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App Abstract



The JJM Mobile App, developed at IIT Kanpur, ensures real-time detection and alerts for water leakages. It includes features such as live leakage detection, real-time alerts, data analytics, automatic alert generation, and a user-friendly interface. The app integrates real-time sensors within Indian boundaries, enabling live pipe plotting on a map and community engagement for administrators. GPS enhances the solution, providing a full-tolerance IoT solution developed indigenously at IIT Kanpur.

Objectives of App



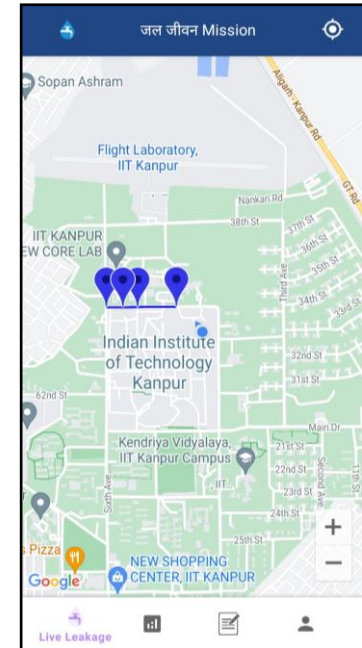
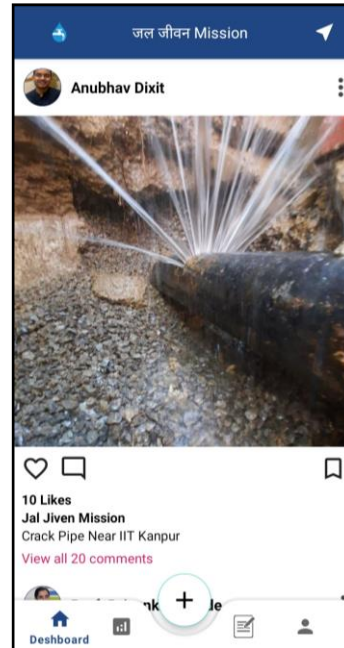
- Live Leakage Detection
- Water Data Analytics
- Showing and adding Features of Pipeline on Indian Map.
- Alert Generation
- Making Compliant Management
- Making Community Engagaement between the Admin Module.

App Module



There are Two Module:

- Admin Module
- Public Module





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Live Working Application Demonstration



App Aim



- Robust App
- User Friendly
- Accurate detection
- Gps friendly Solution



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Design Criteria

- Timing
- Accuracy
- Interactive
- User Friendly Interface



Future Integration

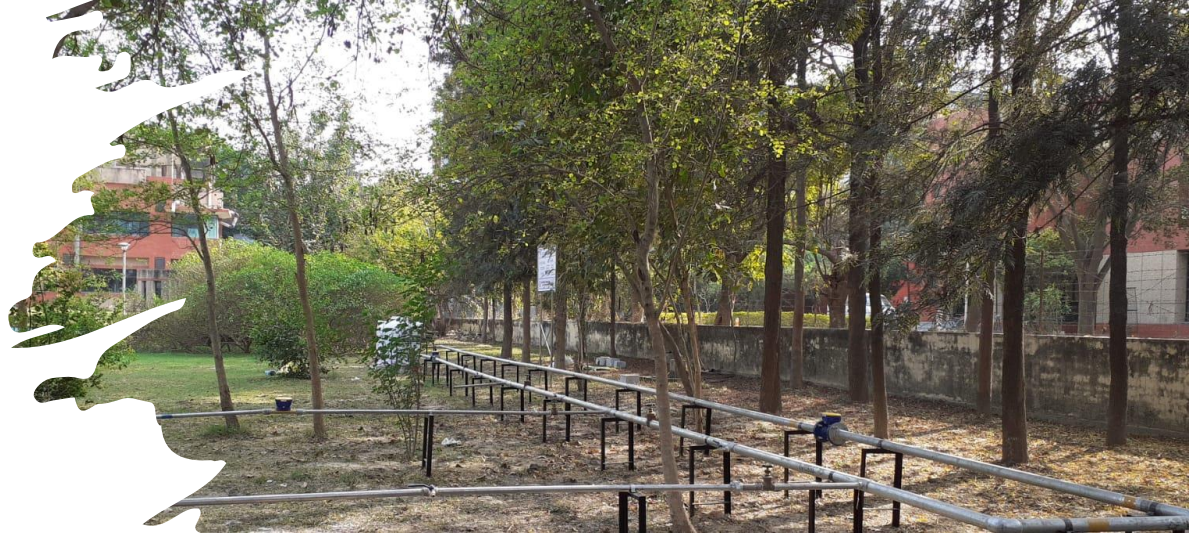


CAD of Embedded Design.mp4



Module Video.MOV

Test Bed Pictures





Test Bed

- Pipe Size 2"
- Pipe Size 1"



Professor In this Project



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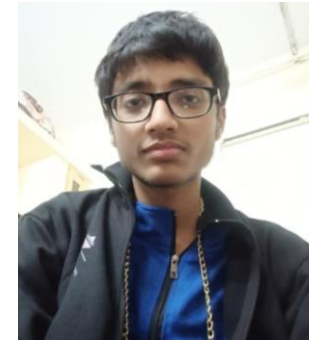
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Any Questions



**Har Ghar Jal
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Thank You

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Special Thanks to JJM Team