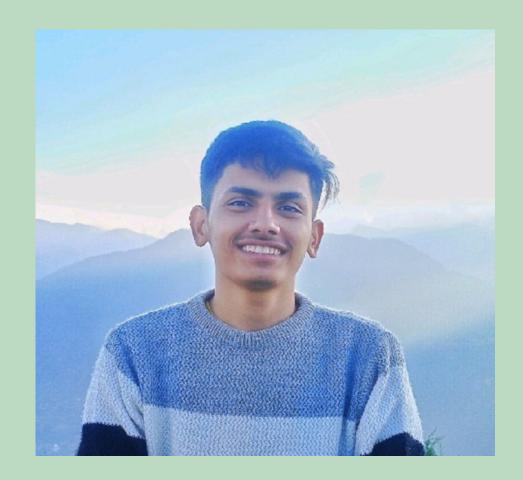
### PROBLEM STATENT

The Challenges Faced by Individuals Due to Poor Restroom Hygiene

- Public restrooms in India are often unsanitary and unsafe, posing a significant challenge for individuals who need to use them.
- Spread of diseases and infections, and can pose a particular risk for women due to the lack of privacy and security.
- Individuals with medical conditions, such as Crohn's disease or irritable bowel syndrome, may require access to cleaner and more private facilities.
- Many public restrooms in India are not designed with these needs in mind, leaving individuals with limited options and no easy way to find the cleanest and safest facilities.
- The taboo and stigma associated with public restrooms makes it difficult for individuals to speak up or take action to improve the situation.



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## Google Solutions Chaffenge TOOLINK

Your go-to guide for clean and safe facilities!

### TECH USED

- Node.js:Toi-Link also utilizes Node.js, an open-source JavaScript runtime environment, to power its backend server and handle user requests. It also enables seamless integration with other web technologies, such as Firebase and Google Maps, to provide a fast and responsive user experience.
- Google Maps: Toi-Link leverages the power of Google Maps to help individuals locate the nearest public restrooms and provide real-time information on their availability and cleanliness.
- **Firebase**:The platform also utilizes
  Firebase, Google's mobile and web app
  development platform, to store and
  manage user data and feedback securely.



Highing with

Making a Positive Impact on Society and the Environment



Goal 3: Good Health and Well-being



**Goal 6: Clean Water and Sanitation** 



**Goal 5: Gender Equality** 



Goal 11: Sustainable Cities and Communities

# WHO CAN BENEFIT FROM TOILINK?

Toi-Link aims to improve the restroom experience for individuals of all backgrounds and needs, while supporting the efforts of municipalities and local authorities in managing public restrooms.

#### **Individuals**

- Tourists
- Commuters
- Women
- Individuals with medical conditions
- Parents with young children
- People with disabilities

### Municipalities and Local Authorities

- Receive user feedback to improve cleanliness and accessibility
- Optimize maintenance and cleaning based on usage patterns and demand

## TOILINK

A review system for public toilets in India

- improve accessibility and quality of public restrooms
- municipalities to make informed policy and infrastructure decisions
- potential to scale across India and other countries facing similar problems
- improve overall quality of life and promote greater equality and inclusivity
- support evidence based policy that can have lasting impact on public health and well-being