

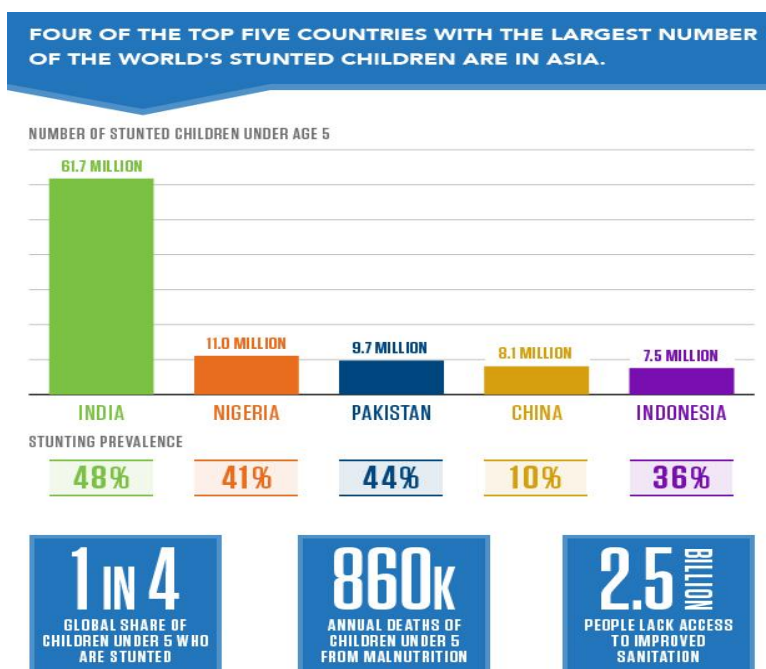
T-CLEAN

INTRODUCTION

- Are bathrooms in public schools safe and hygienic enough for their students to ensure good health and not increase the risk of contracting disease or infections?
- After observing schools around, it is clear that municipal schools run by the government have damp, dirty, and stinky bathrooms. Chances of contracting many diseases for those who use these bathrooms are very high. Students and staff in such schools have a high probability of falling sick.
- A possible solution to this issue is to develop a feedback gaining application which will help review individual bathrooms in municipal schools to check whether they meet the sanitary requirements or not.

MOTIVATION

- Bad hygienic conditions in bathrooms cause diseases and infection to many children in India.



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- These unhygienic conditions occur due to infrequent cleaning of the washrooms by janitors and lack of funds to provide incentives to keep the restrooms clean. Janitors are underpaid, and the issue is not conveyed to the head of school and the trusts (the bridge between public schools and the government) effectively.
 - This project is a step towards making communication between the principals of the schools and the students more smooth and honest. The summary of reviews the students give will reach the head of school every day.

PROJECT DETAILS

- The application is designed in a way that it interacts with the users in two languages- English, as well as the local language Gujarati. Tablets will be distributed in public schools (One per washroom.)
- This project will provide the head of the school with important information showing the hygiene of the classrooms. This information will tell them how frequently the janitors need to clean the washrooms.
- The application will have three different options to choose from-
 - A smiling face, representing that the child who is voting is satisfied with the cleanliness.
 - A straight face, showing that the child who is voting thinks the cleanliness can be improved.
 - A sad face, showing that the child who is voting is extremely dissatisfied with the cleanliness of the washroom.
- Further incentives will also be provided to the janitors of the washroom who receive the best reviews- like bonuses, stationary for their kids, and more.
- Experienced difficulty while deciding where the tablets will be put in a washroom as there were chances of it getting dirty.
- Had to consult with trusts and many technology dealers to find tablets that fit into the budget.

CONCLUSION

- Once the major problem faced by poor children in our city was found, knowing that we had the means and resources to help, a bridge between the students and the head of schools. The reports will also reach the trusts that support the school.
- Making an application helped the principal receive accurate feedback from the users of the bathroom themselves, which helped the principal to maintain the hygiene of the area as he could instruct the janitors when and how to clean the bathroom.

REFERENCES

- Above image taken from- <https://www.prb.org/india-sanitation-malnutrition/>