

SWE - 4402

Software Requirements and Specifications

Lab - 1

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Team Members

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Requirements

1. Efficient waste management system

This feature allows residents to report and track waste collection issues, promoting a cleaner and healthier urban environment.

2. Ticket service for local transport

This feature allows residents to book bus, metro and other public transport tickets and see previous ticket history.

3. Efficient municipal bill payment system

This feature allows residents to pay their municipal bills from home without any trouble, saving precious public time.

4. Application for municipal services

This feature allows residents to apply for any service city corporation is providing like gas, water, electricity, school admission, birth and death certificate, etc.

5. Detailed information about tourist spot

This feature allows tourists to see information about local tourist spots, engaging with more tourists to get interest in visiting this city.

6. Hotel booking system for tourists

This feature allows tourists to book hotels located in the city making their tour easier in this smart city.

7. City servailance system

This feature allows administrators to enforce security efficiently throughout the city.

8. House rent management services

This feature allows new people and students moving to this city renting houses according to their choices without hustle. This will also collect rent from the tenant for each period of renting time.

9. Children vaccination tracker

This feature allows adminstrator to track vaccinated children and run new campaigns on selected areas. This will also allow residents to see where and when vaccination campaigns are happening. Residents can also register for vaccinating their children.

10. Discussion Thread for citizen

There will be a discussion thread for residents where citizens can discuss about their problems in the city.

11. Complaint submission for citizen

This feature allows residents to submit official complaints to the city mayor or respective city councils.