

LAB 01 REPORT: IDENTIFYING BASIC REQUIREMENTS

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10 FUNCTIONAL REQUIREMENTS:

1.Requirement: Resident Information

Description: This feature allows the local residents' names and emails with login system available only for adult residents including local governance.

2.Requirement: Public transport system

Description: This feature allows routes and time schedule for all the available public transports of the Gazipur city.

3.Requirements: Noticeboard

Description: This feature allows to show local events, news etc which will be notified to the residents or tourists.

4.Requirement: Waste management system and sanitation system

Description: This feature allows residents to report and track waste collection issues. This also includes recycle bins with smart sensors that can track or sense any overflow.

5.Requirement: Local emergency alert system

Description: This feature allows users to call for police, firefighter, medical attention in case of an emergency.

6.Requirement: Map of Gazipur

Description: This feature allows users to explore the city using pins for hotels, local attraction spots, restaurants, parks, shopping malls. Tourists can also call for local guides for assistance.

7.Requirement: Broadcasting channels

Description: This feature allows users to broadcast live events or any public webcams in the city.

8.Requirement: Renting system

Description: This feature allows residents to look for houses or apartments to rent. This may include a filtering system.

9.Requirement: Recreation Blogs

Description: This feature allows locals to share their experience and photos and videos to maintain a connected community. This also includes an ecommerce system for buying and selling things.

10.Requirement: Job listings for residents

Description: This feature allows residents to look for particular jobs.