**Project Report – Waste Collection Tracker**

The **Waste Collection Tracker** is a web-based system developed to solve the common problem of irregular or poorly communicated waste collection in local communities. Many residents are unaware of the specific collection days for their areas, leading to missed pickups, unsanitary conditions, and waste accumulation.

This project also emphasizes the **importance of recycling** by educating users about proper waste separation (e.g., plastic, organic, paper) and encouraging responsible disposal. By tracking and categorizing waste collection types, the system supports community efforts to reduce landfill use and promote environmental sustainability.

The platform helps to:

* Display **waste pickup schedules** by area/zone
* Allow users to **report missed pickups or sanitation issues**
* Encourage **proper waste sorting and recycling** practices
* Serve as a bridge between the community and municipal sanitation departments

In the long run, this system contributes to cleaner neighborhoods and increased awareness of eco-friendly waste management.

**Tools and Technologies Used**

* **HTML5** – For the structure of the web pages
* **CSS3 & Bootstrap 5** – For responsive layout, styling, and mobile-friendliness
* **JavaScript** – For interactivity and form validation (e.g., reporting forms)
* **Font Awesome Icons** – For modern visual elements (like trash bin icons)
* **Social Media Feeds (Facebook/Twitter)** – To integrate public service announcements from the local authority