

Project Design Phase-I Solution Architecture

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| Date | 19/09/2022 |
| Team ID | PNT2022TMID26648 |
| Project Name | Project- Smart waste management system for metropolitan cities. |
| Maximum Marks | 4 Marks |

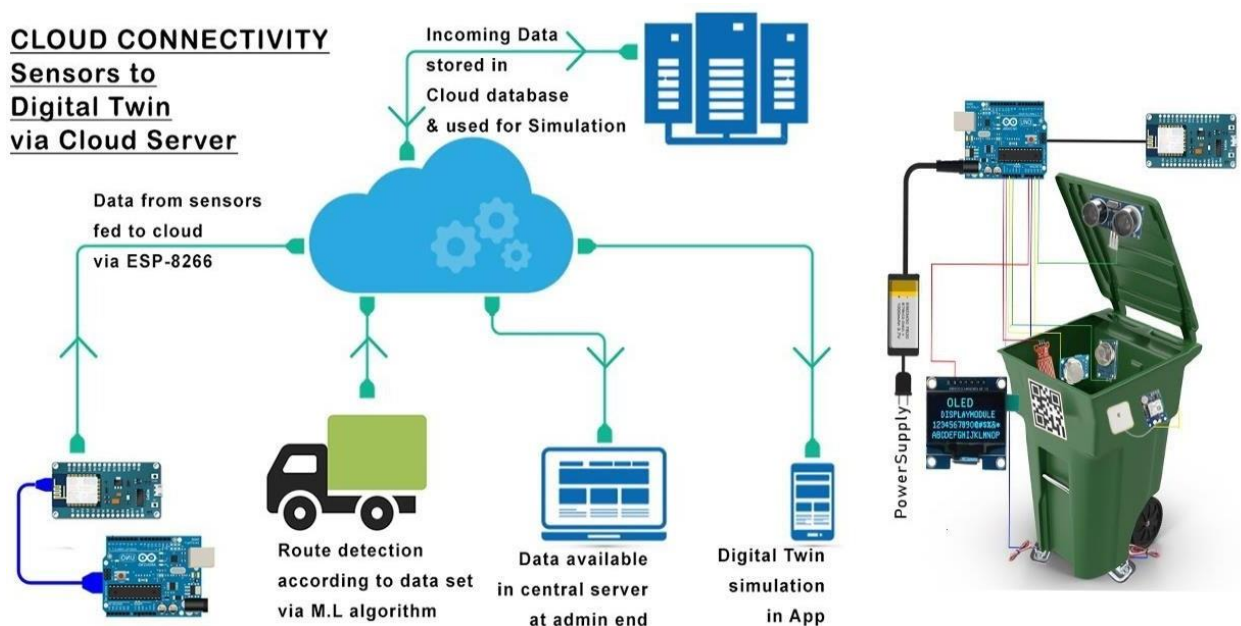
Solution Architecture:

Solution architecture is a complex process – with many sub-processes – that bridges the gap between business problems and technology solutions.

Our solutions are,

- To establish a smart and efficient waste management system with necessary architecture.
- That architecture includes GPS service, cloud service and collection of data from various locations in the city.
- This architecture bridges gap between a creator and a problem structure.
- Here you can see Arduino boards with codes to particularize the information and various sensors have been used to monitor bin activity.
- We can have twin simulation in both app and web server.

Solution Architecture Diagram:



OVERALL ARCHITECTURE:

