Project Design Phase-II



SENSOR CALIBRATION

LOAD & LEVEL

MEASURE WELGHT &

LEVEL OF WAS-TBEIN

IS WAST-E

BIN FULL? LEVEL >(80%)

**SEND NOTIFICATION TO**

**WORKER**

IS WAST-E

BIN EMPTY? LEVEL<(10%)

**SEND LOAD HISTORY TO DATABASE**

**STOP**

Data Flow Diagram & User Stories

|  |  |
| --- | --- |
| Project Name | Smart waste management system for  Metropolitan Cities |
| Team ID | PNT2022TMID52764 |
| Maximum Marks | 4 Marks |

START

PROTOTYPE

ATTACHMENT

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **User Type** | **Functional Requirement (Epic)** | **User story Number** | **User Story / Task** | **Acceptance Criteria** | **Priority** | **Release** |
| Customer | Controller | USN-1 | Operated via the distributed control system at any different locations within the area | The sensor will sents the notification to the user when the dustbin is full, and its notify that the garbage full  and flow up | High | Sprint-1 |
| Customer | Controller | USN-2 | Application is installed and database collected through this  application | Sensor to application connection is established | High | Sprint-1 |
| Customer | Controller | USN-3 | Through the above operations the waste is collected | Periodically waste are collected | Low | Sprint-2 |