

Acceptance Testing

UAT Execution & Report Submission

Date	03 November 2022
Team ID	PNT2022TMID01889
Project Name	Project - Smart waste management for metropolitan cities
Maximum Marks	4 Marks

User Test Case

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3	Date					15-Nov-22														
4	Team ID					PMT2022TMD01889														
5	Project Name					Smart Waste Management System for Metropolitan Cities - IOT														
6	Maximum Marks					4 marks														
7	Test case ID	Feature Type-Bin Level	Component	Test Case Scenario	Pre-Requisite	Availability	Test Condition	Expected Result	Actual Result	Status	Comments	Accessed By								
8	Test case 1	Empty	Ultrasonic Sensor	When Bin is empty	Ultrasonic sensor PIR Motion Sensor Garbage Bins	Bin is accessible to users	Bin Level == 0	Displays Bin level and space left	Working as expected	Pass		User								
9	Test case 1	Accessible	Ultrasonic Sensor	When bin level is below 50 %	Ultrasonic sensor , PIR Motion Sensor , Garbage Bins	Bin is accessible to users	Bin Level < 50	Displays Bin level and space left	Working as expected	Pass		User								
10	Test case 3	Accessible	Ultrasonic Sensor	When bin level is above 50 %	Ultrasonic sensor , PIR Motion sensor , Garbage Bins	Bin is accessible to users and the admin gets warning about the bin level	Bin Level > 50	Displays Bin level and space left	Working as expected	Pass		User								
11	Test case 4	Accessible	Ultrasonic Sensor	When bin level is below 75 %	Ultrasonic sensor , PIR Motion sensor , Garbage Bins	Bin is accessible to users and the admin gets warning about the bin level	Bin Level < 75	Displays Bin level and space left	Working as expected	Pass		User								
12	Test case 5	Limit exceeded	Ultrasonic Sensor	When bin level is above 75 %	Ultrasonic sensor , PIR Motion sensor , Garbage Bins	Bin is not accessible to the users, the admin receives high alert and seals the bin to avoid overflow.	Bin Level > 75	Displays Bin is FULL and Seals the bin.	Working as expected	Pass	The system starts to sense the level once the Bin is emptied partially or fully	User/Admin								
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