

# Project Development Phase: Delivery of Sprint 1

## IoT Platform

Date:	29 <sup>th</sup> October 2022
Team ID:	PNT2022TMID30692
Project Name:	Smart waste management system for metropolitan cities
Marks:	

### Creating Bin Data in IoT Watson Platform:

Code for random data:

```
{  
  "BIN 1":random(0,100)  
  "BIN 2":random(0,100)  
  "BIN 3":random(0,100)  
  "BIN 4":random(0,100)  
  "BIN 5":random(0,100)  
}
```

The screenshot displays the IoT Watson Platform interface. On the left, a sidebar contains navigation icons. The main area shows a 'Recent Events' table with columns: Event, Value, Format, and Last Receive. The table lists five events, each with a value in JSON format representing bin data. A 'Simulations' panel is open on the right, showing '1/50 Simulations Running' and a 'New Simulation' button. Below this, a 'Device Type' dropdown is set to 'IoT', and a '1 Event' toggle is visible. A '1 Device' section shows a device ID '12345' and buttons for 'Create Simulated Device' and 'Use Registered Device'. At the bottom, status indicators show '70 events sent' and '4.32 KB sent'.

Event	Value	Format	Last Receive
event_1	{"BIN 1":6,"BIN 2":82,"BIN 3":86,"BIN 4":70,"BIN 5":...	json	a few seconds ago
event_1	{"BIN 1":99,"BIN 2":72,"BIN 3":37,"BIN 4":65,"BIN 5":...	json	a few seconds ago
event_1	{"BIN 1":15,"BIN 2":18,"BIN 3":22,"BIN 4":25,"BIN 5":...	json	a few seconds ago
event_1	{"BIN 1":86,"BIN 2":67,"BIN 3":5,"BIN 4":75,"BIN 5":...	json	a few seconds ago
event_1	{"BIN 1":12,"BIN 2":37,"BIN 3":67,"BIN 4":50,"BIN 5":...	json	a few seconds ago

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**Identity**   **Device Information**   Recent Events   State   Logs

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
event_1	{\"BIN 1\":6,\"BIN 2\":82,\"BIN 3\":86,\"BIN 4\":70,\"BL...	json	a few seconds ago
event_1	{\"BIN 1\":99,\"BIN 2\":72,\"BIN 3\":37,\"BIN 4\":65,\"B...	json	a few seconds ago
event_1	{\"BIN 1\":15,\"BIN 2\":18,\"BIN 3\":22,\"BIN 4\":25,\"B...	json	a few seconds ago
event_1	{\"BIN 1\":86,\"BIN 2\":67,\"BIN 3\":5,\"BIN 4\":75,\"BL...	json	a few seconds ago
event_1	{\"BIN 1\":12,\"BIN 2\":37,\"BIN 3\":67,\"BIN 4\":50,\"B...	json	a few seconds ago

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