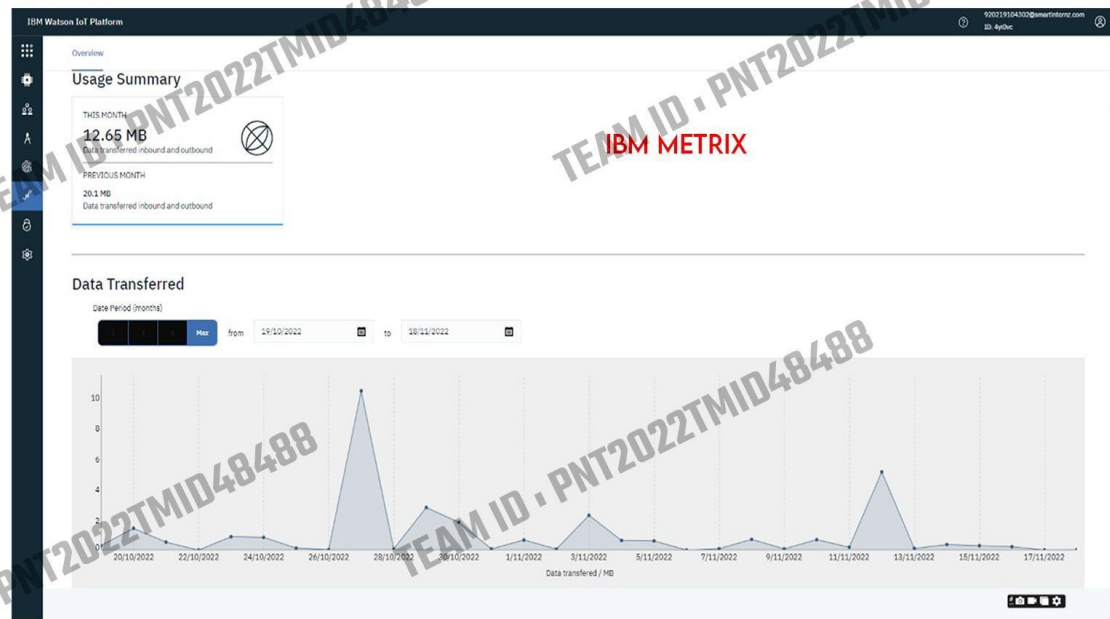
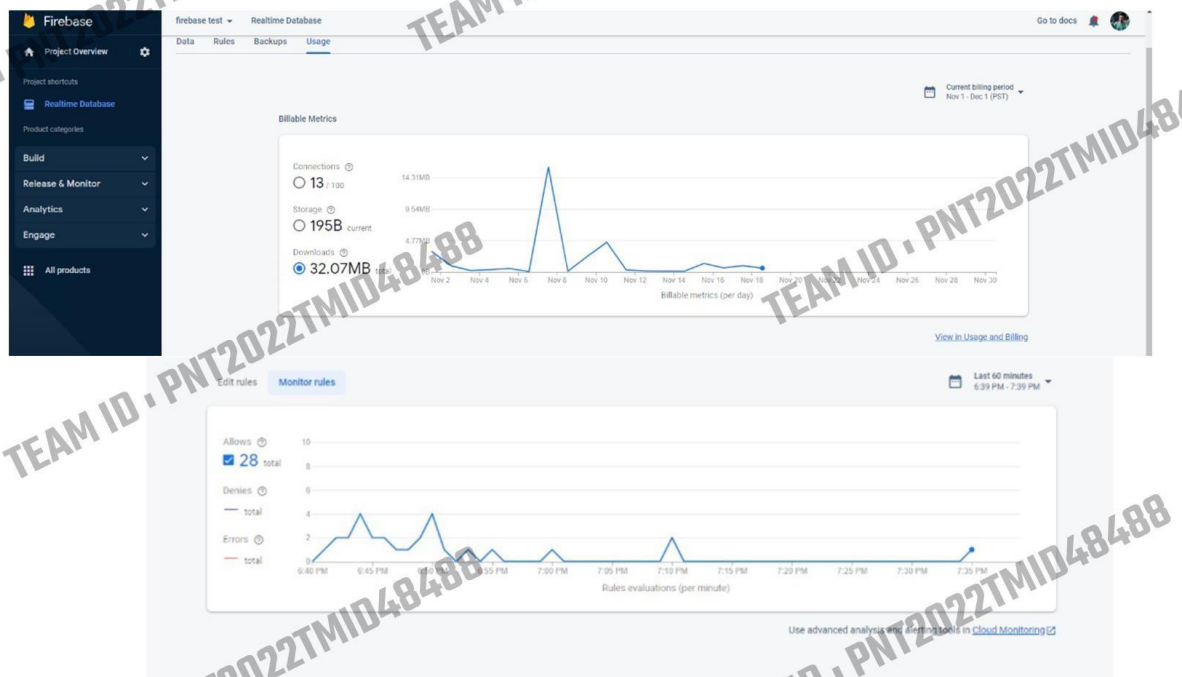


Testing project garbage bins Data Analysis



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OUTPUT IMAGES FOR SIMULATOR

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

Event	Value	Format	Last Received
IoTSensor	{ "dist":15,"load":12 }	json	a few seconds ago
IoTSensor	{ "type":"Buffer","data":[34,97,108,101,114,116,...	json	a few seconds ago

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location	Added By	Device Class	Firmware Version
BIN103	Disconnected	smartwaste123	Device	27 Oct 2022 11:29		920219104302@smarterintenz.com		
Assignment4	Disconnected	nodeMcu	Device	27 Oct 2022 07:20		920219104302@smarterintenz.com		
BIN1ID	Connected	BIN1	Device	12 Nov 2022 10:30		920219104302@smarterintenz.com		
BIN2ID	Connected	BIN2	Device	12 Nov 2022 10:31		920219104302@smarterintenz.com		
BIN3ID	Connected	BIN3	Device	12 Nov 2022 10:32		920219104302@smarterintenz.com		
BIN4ID	Connected	BIN4	Device	12 Nov 2022 10:32		920219104302@smarterintenz.com		

Items per page: 50 | 1-6 of 6 items

Diagnostic Logs
A list of device errors and warnings that occur when an error occurred.

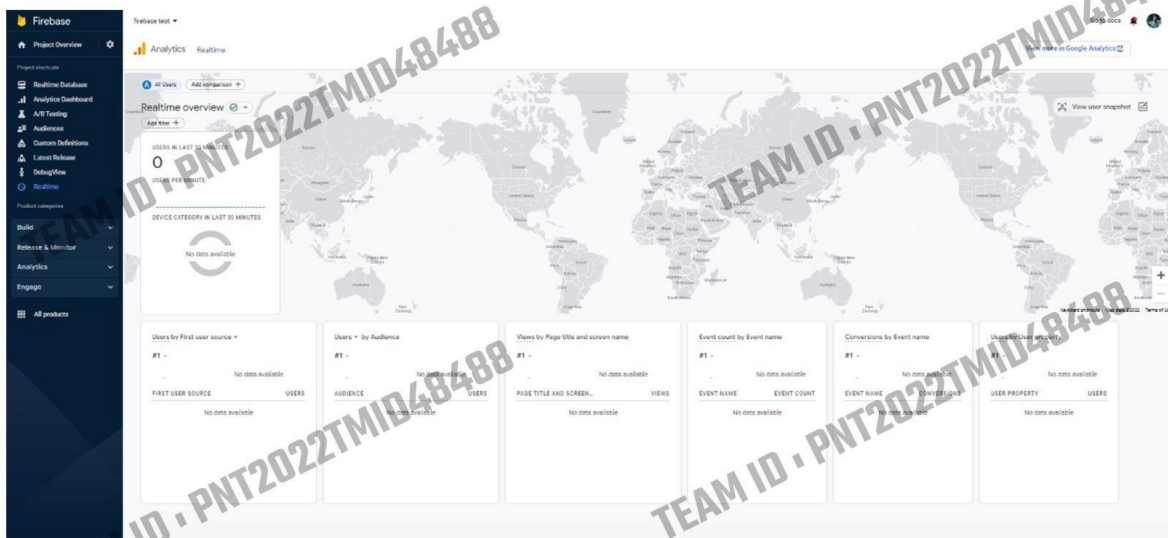
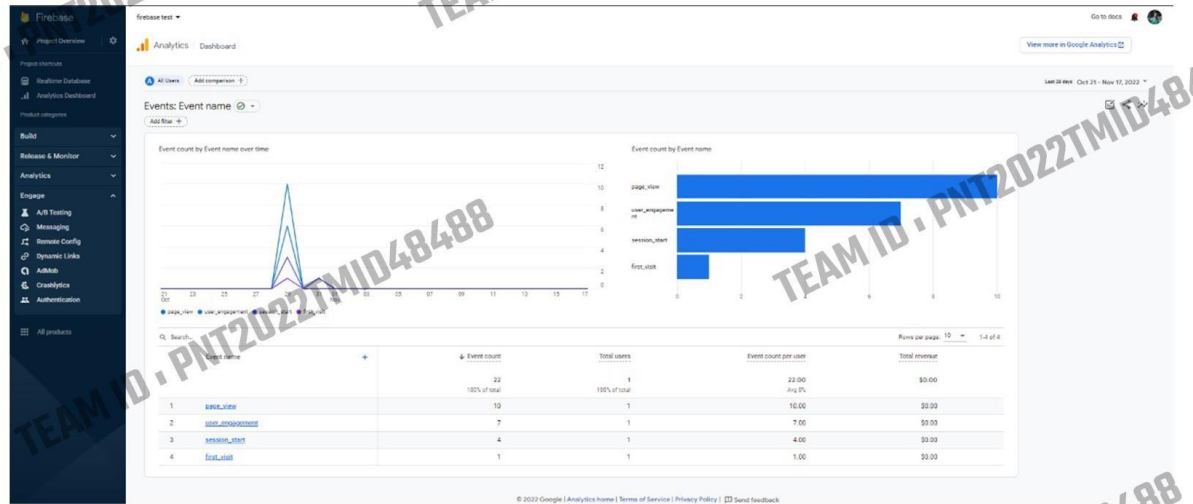
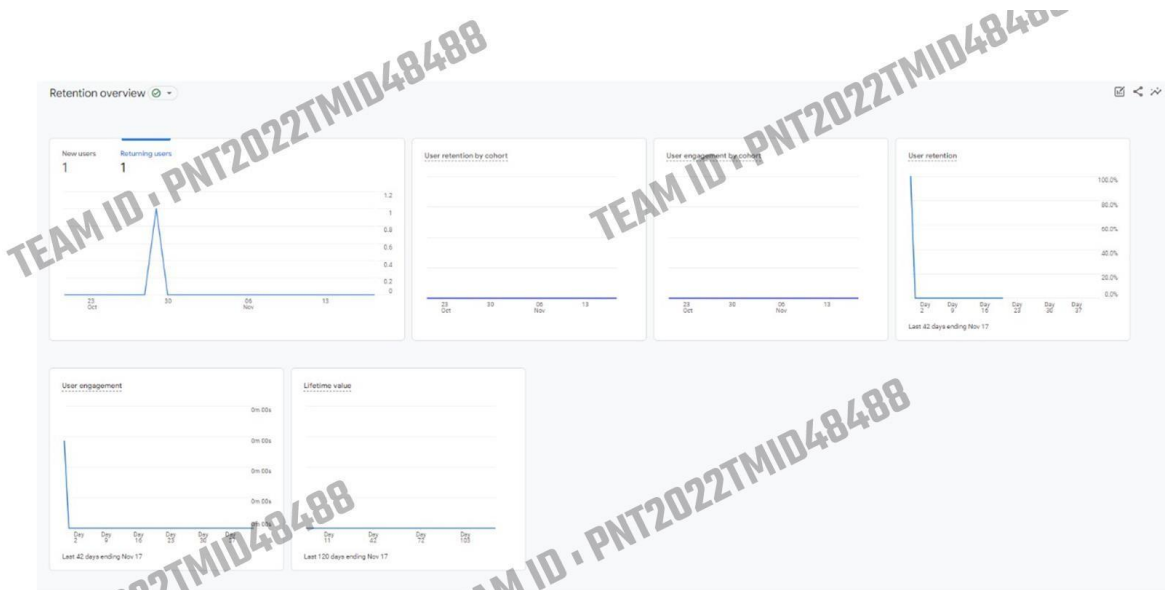
Severity	Message	Timestamp
No logs are available.		

Connection Logs
A list of the connection events reported for this device.

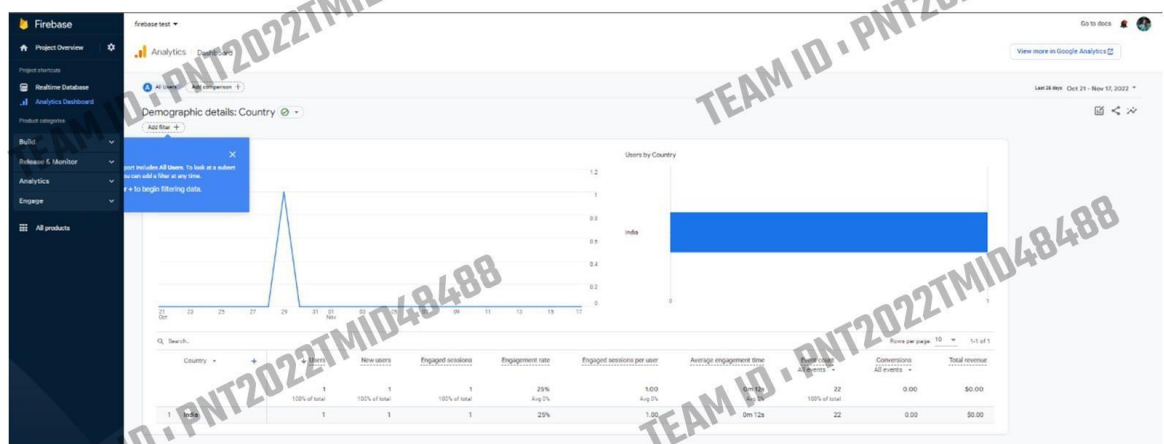
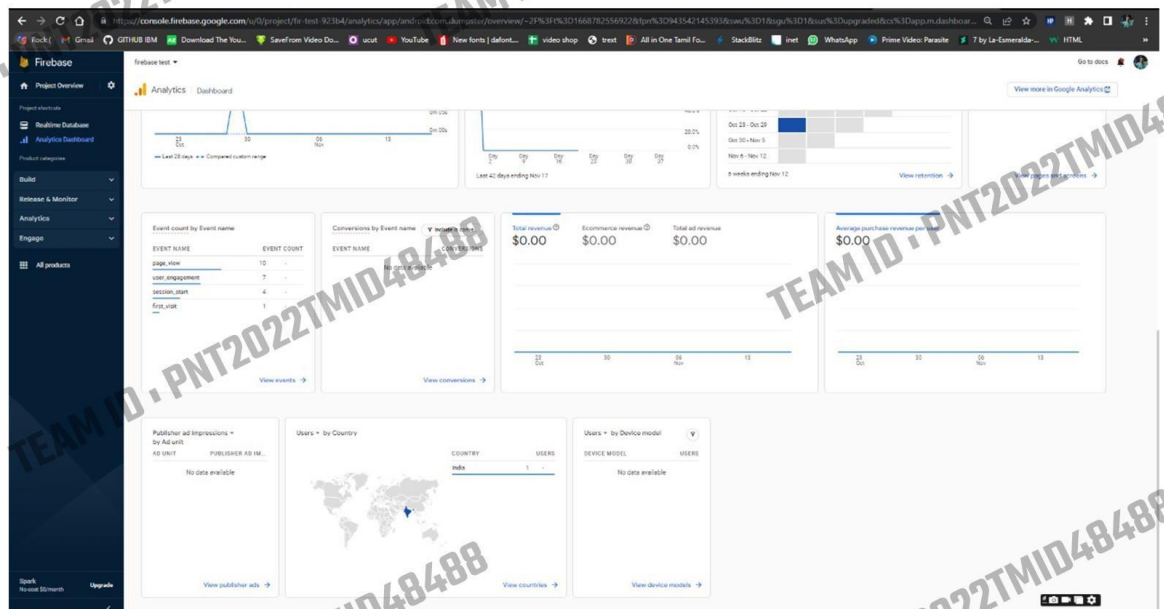
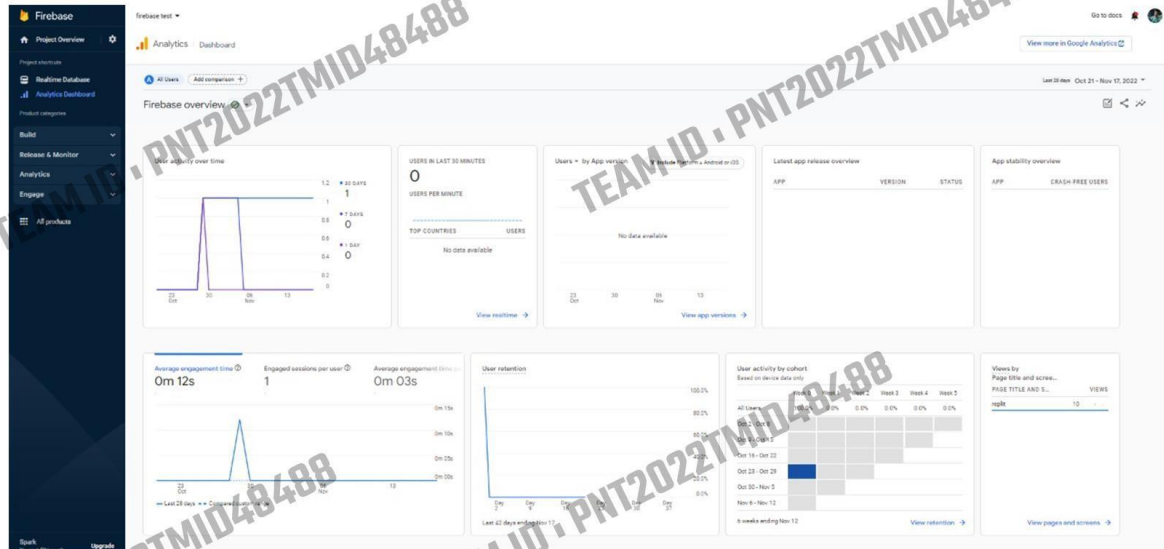
Message	Timestamp
Token auth succeeded: ClientID=ds4y0vc:BIN2:BIN2ID, ClientIP=1...	18 Nov 2022 20:02
Closed connection. The connection was closed by the client or netwo...	18 Nov 2022 19:56
Token auth succeeded: ClientID=ds4y0vc:BIN2:BIN2ID, ClientIP=1...	18 Nov 2022 19:57
Closed connection. The connection was closed by the client or netwo...	18 Nov 2022 19:56
Token auth succeeded: ClientID=ds4y0vc:BIN2:BIN2ID, ClientIP=1...	18 Nov 2022 19:56
Closed connection. The connection was closed by the client or netwo...	18 Nov 2022 19:45
Token auth succeeded: ClientID=ds4y0vc:BIN2:BIN2ID, ClientIP=1...	18 Nov 2022 19:45
Closed connection. The connection was closed by the client or netwo...	15 Nov 2022 17:52
Token auth succeeded: ClientID=ds4y0vc:BIN2:BIN2ID, ClientIP=1...	15 Nov 2022 17:47
Closed connection. The connection was closed by the client or netwo...	14 Nov 2022 18:47

Items per page: 50 | 1-6 of 6 items

Testing project garbage bins Data Analysis

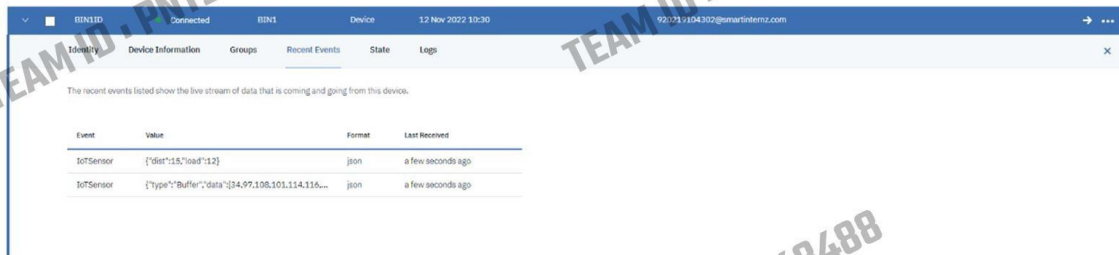


Testing project garbage bins Data Analysis



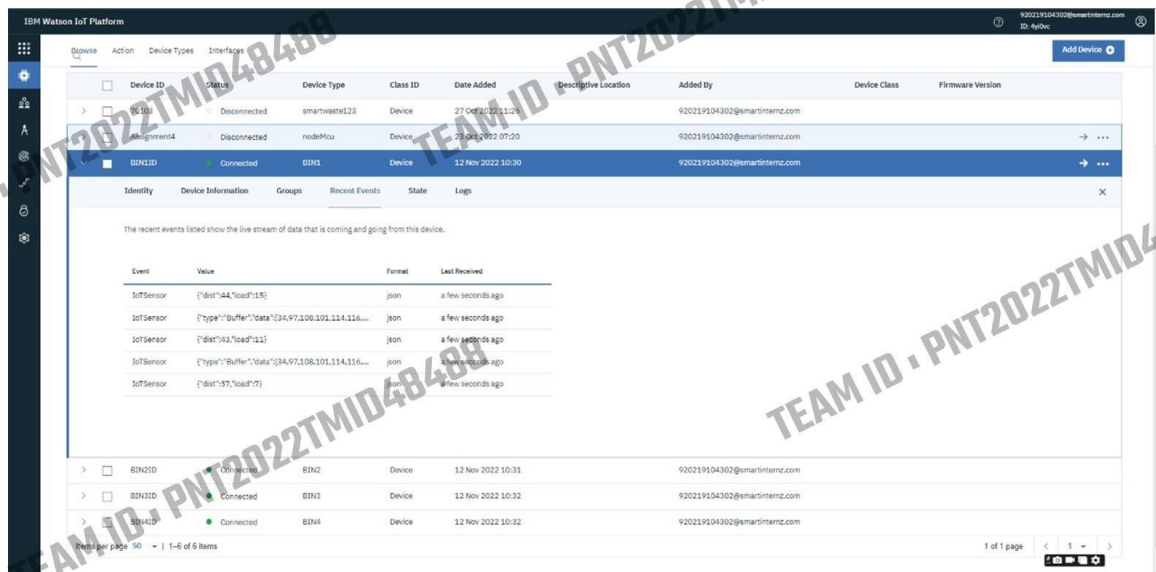
Testing project garbage bins Data Analysis

OUTPUT IMAGES FOR SIMULATOR



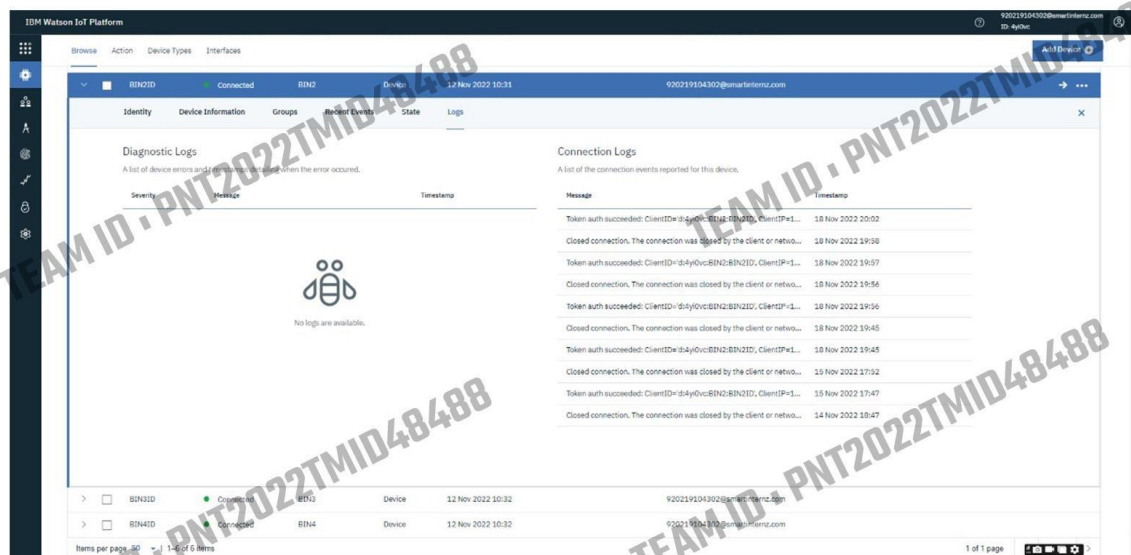
The screenshot shows the 'Recent Events' tab for device BIN110. It displays a table of events with columns: Event, Value, Format, and Last Received. The events are JSON payloads from IoT sensors.

Event	Value	Format	Last Received
IoTSensor	{"dist":15,"load":12}	json	a few seconds ago
IoTSensor	{"type":"Buffer","data":[34,97,108,101,114,116,...]}	json	a few seconds ago



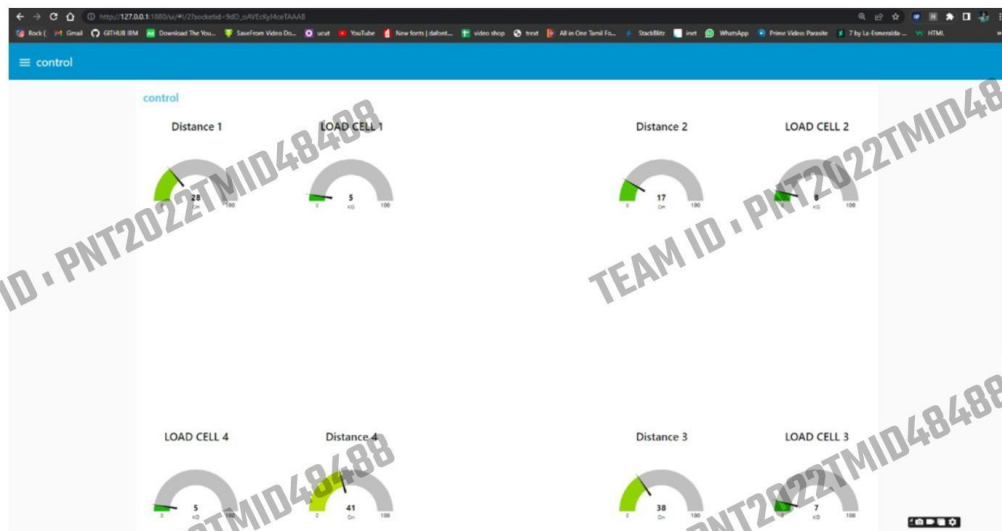
The screenshot shows the 'Device Types' tab in the IBM Watson IoT Platform. It lists several devices with columns: Device ID, Status, Device Type, Class ID, Date Added, Descriptive Location, Added By, Device Class, and Firmware Version. The devices include BIN103, BIN104, BIN110, BIN210, BIN310, and BIN410.

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location	Added By	Device Class	Firmware Version
BIN103	Disconnected	smartwaste123	Device	27 Oct 2022 11:28		920219104302@smarterintenz.com		
BIN104	Disconnected	nodeHcu	Device	27 Oct 2022 07:20		920219104302@smarterintenz.com		
BIN110	Connected	BIN1	Device	12 Nov 2022 10:30		920219104302@smarterintenz.com		
BIN210	Disconnected	BIN2	Device	12 Nov 2022 10:31		920219104302@smarterintenz.com		
BIN310	Connected	BIN3	Device	12 Nov 2022 10:32		920219104302@smarterintenz.com		
BIN410	Connected	BIN4	Device	12 Nov 2022 10:32		920219104302@smarterintenz.com		



The screenshot shows the 'Diagnostic Logs' and 'Connection Logs' for device BIN210. The 'Diagnostic Logs' section shows no logs available. The 'Connection Logs' section shows a list of connection events with columns: Message and Timestamp.

Message	Timestamp
Token auth succeeded: ClientID=ibm-iot-BIN210, ClientIP=1...	18 Nov 2022 20:02
Closed connection. The connection was closed by the client or netwo...	18 Nov 2022 19:56
Token auth succeeded: ClientID=ibm-iot-BIN210, ClientIP=1...	18 Nov 2022 19:57
Closed connection. The connection was closed by the client or netwo...	18 Nov 2022 19:56
Token auth succeeded: ClientID=ibm-iot-BIN210, ClientIP=1...	18 Nov 2022 19:56
Closed connection. The connection was closed by the client or netwo...	18 Nov 2022 19:45
Token auth succeeded: ClientID=ibm-iot-BIN210, ClientIP=1...	18 Nov 2022 19:45
Closed connection. The connection was closed by the client or netwo...	18 Nov 2022 17:52
Token auth succeeded: ClientID=ibm-iot-BIN210, ClientIP=1...	15 Nov 2022 17:47
Closed connection. The connection was closed by the client or netwo...	14 Nov 2022 18:47

[illegible]

Testing project garbage bins Data Analysis

The screenshot displays a desktop environment with several open applications. In the foreground, there are three terminal windows running a client application. The logs show the following information:

- Connection status: Connected successfully: d:4y1@vc:BIN1:BIN1ID
- Location data: published distance = 68 loadcell:6 lon = 78.177731 lat = 10.678991
- Risk warnings: Risk warning:17 % alert :No need to collect right now

The background shows a web browser displaying the IBM Watson IoT Platform interface. The interface includes a sidebar with navigation options and a main content area showing a list of devices.

The screenshot shows the 'Browse Devices' page in the IBM Watson IoT Platform. The page includes a search bar and a table of devices. The table has the following columns: Device ID, Status, Device Type, Class ID, Date Added, Descriptive Location, Added By, Device Class, and Firmware Version. The table lists six devices, including 70103, Assignment4, BIN1ID, BIN2ID, BIN3ID, and BIN4ID.

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location	Added By	Device Class	Firmware Version
70103	Disconnected	smartwaste100	Device	27 Oct 2022 11:26		920219104302@smartintranz.com		
Assignment4	Disconnected	codeM2	Device	23 Oct 2022 07:20		920219104302@smartintranz.com		
BIN1ID	Connected	BIN1	Device	12 Nov 2022 10:30		920219104302@smartintranz.com		
BIN2ID	Connected	BIN2	Device	12 Nov 2022 10:31		920219104302@smartintranz.com		
BIN3ID	Connected	BIN3	Device	12 Nov 2022 10:32		920219104302@smartintranz.com		
BIN4ID	Connected	BIN4	Device	12 Nov 2022 10:32		920219104302@smartintranz.com		