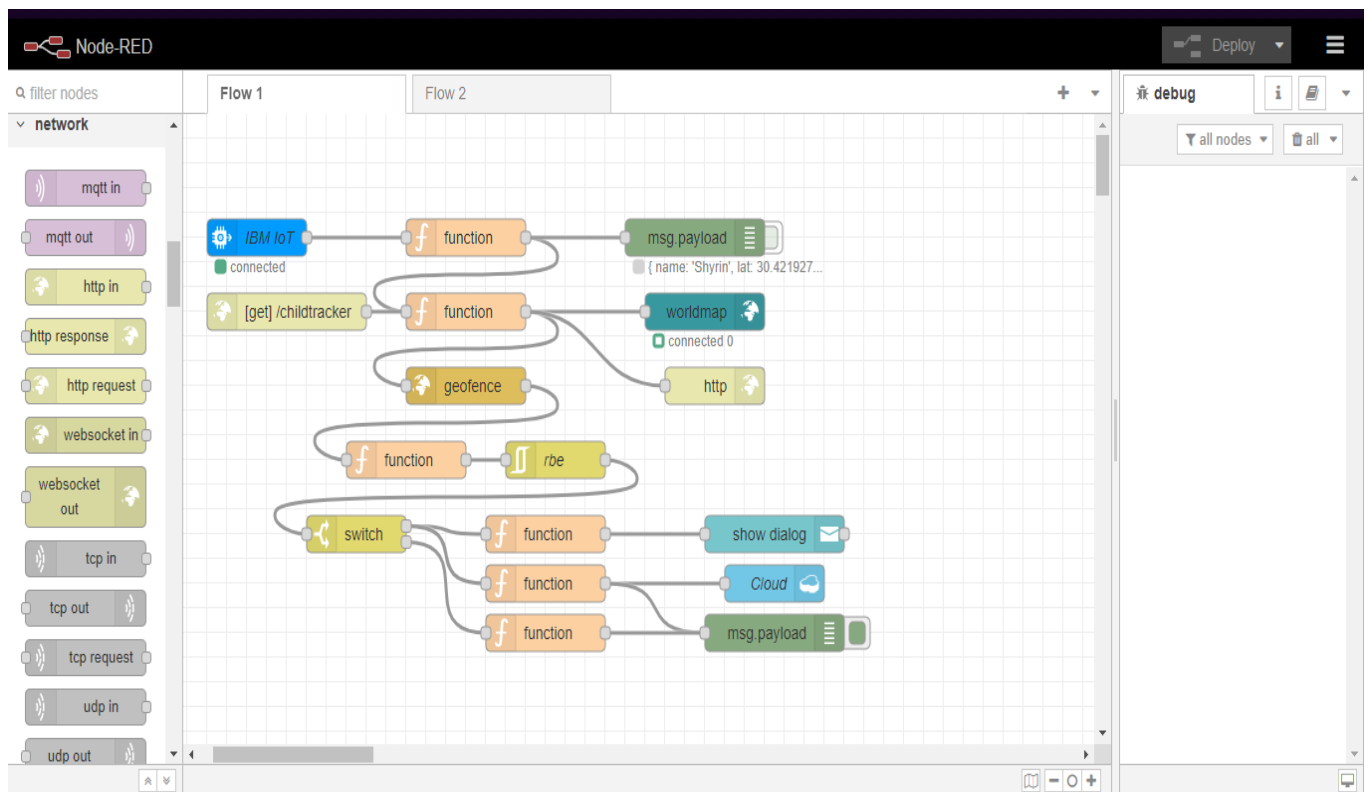
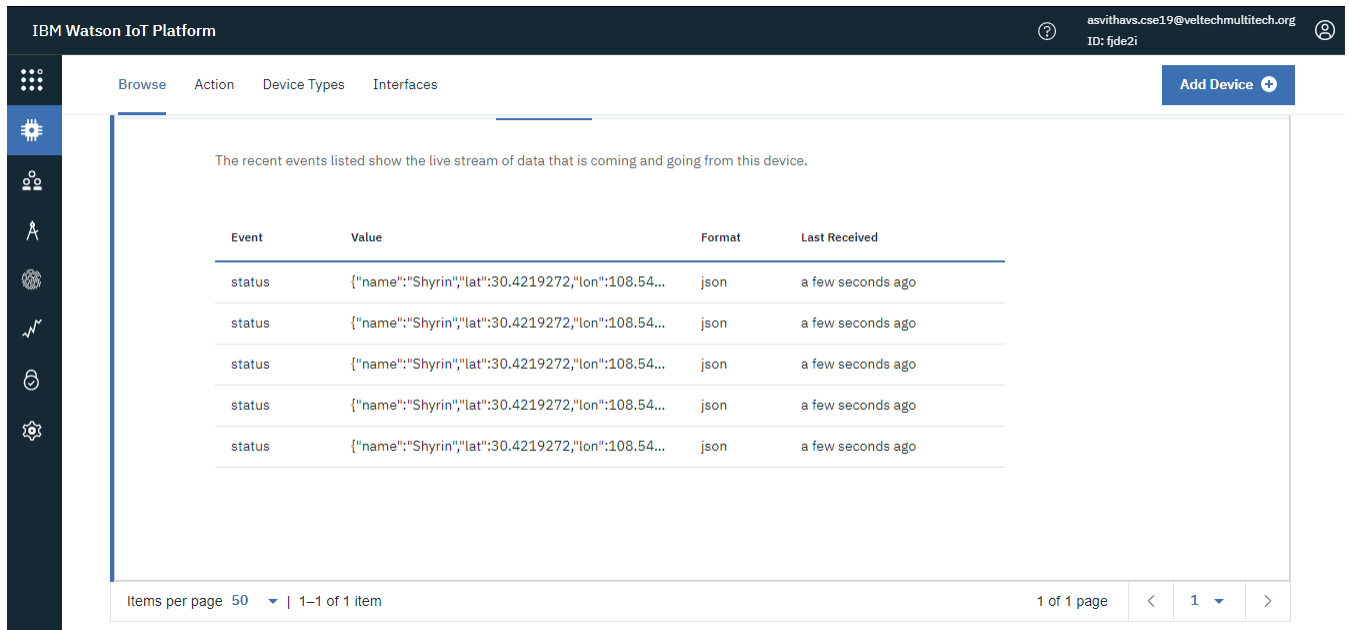


Develop The Web Application Using Node-RED

Creating the workflow:



Receiving data from the IBM IoT Watson Platform:



The screenshot displays the IBM Watson IoT Platform interface. The top navigation bar includes the platform name, a help icon, a user profile icon, and the email address 'asvithavs.cse19@veltechmultitech.org' with ID 'fjde2i'. The left sidebar contains icons for various functions. The main content area is titled 'Browse' and shows a table of recent events. The table has four columns: Event, Value, Format, and Last Received. The events are listed as 'status' with a JSON payload containing location data, all in 'json' format, and received 'a few seconds ago'. A footer bar indicates 'Items per page 50' and '1-1 of 1 item'.

Event	Value	Format	Last Received
status	{"name":"Shyrin","lat":30.4219272,"lon":108.54...	json	a few seconds ago
status	{"name":"Shyrin","lat":30.4219272,"lon":108.54...	json	a few seconds ago
status	{"name":"Shyrin","lat":30.4219272,"lon":108.54...	json	a few seconds ago
status	{"name":"Shyrin","lat":30.4219272,"lon":108.54...	json	a few seconds ago
status	{"name":"Shyrin","lat":30.4219272,"lon":108.54...	json	a few seconds ago



The screenshot shows a terminal window with two lines of output. Each line starts with a timestamp and a node ID, followed by a message payload. The payload is a JSON object containing 'message', 'Time', 'name', 'lat', and 'lon'.

```
11/17/2022, 12:33:36 PM node: ee7b73f88c021616
msg.payload: Object
{ message: "Exit", Time: "11/17/2022, 12:33:37 PM", name: "Shyrin", lat: 30.4219272, lon: 108.5488783 }

11/17/2022, 12:33:38 PM node: ee7b73f88c021616
iot-2/type/Tracker/id/28/evt/status/fmt/json : msg.payload: Object
{ message: "Exit", Time: "11/17/2022, 12:33:39 PM", name: "Shyrin", lat: 30.4219272, lon: 108.5488783 }
```

Sending the entire location to the Cloudant DB:

↔

child_location

⋮

All Documents

+

Query

Permissions

Changes

Design Documents

+

Log Out

Document ID

Options

{ } JSON

📖

🔔

Table

Metadata

{ } JSON

📄

Create Document

	Time	_id	lat	lon	message
<input type="checkbox"/>	11/17/2022, 9:36:5...	27a6549e937ca365...	30.4219272	108.5488783	Exit
<input type="checkbox"/>	11/17/2022, 9:39:3...	27a6549e937ca365...	30.4219272	108.5488783	Exit
<input type="checkbox"/>	11/17/2022, 11:08:...	36d813cc7ad45f7f6...	30.4219272	108.5488783	Exit
<input type="checkbox"/>	11/17/2022, 11:06:...	3a82b4c932c8a381...	30.4219272	108.5488783	Exit
<input type="checkbox"/>	11/17/2022, 12:40:...	48d269dd27bec796...	30.4219272	108.5488783	Exit
<input type="checkbox"/>	11/17/2022, 12:40:...	48d269dd27bec796...	30.4219272	108.5488783	Exit
<input type="checkbox"/>	11/16/2022, 3:39:3...	60a9fc3e1f02c4886...	30.4219272	108.5488783	Exit
<input type="checkbox"/>	11/17/2022, 10:51:...	7d3df1e6173e361e...	30.4219272	108.5488783	Exit
<input type="checkbox"/>	11/17/2022, 12:33:...	871f252bb4b163f8...	30.4219272	108.5488783	Exit
<input type="checkbox"/>	11/17/2022, 10:37:...	8dcc6c0023cfc374...	30.4219272	108.5488783	Exit

Showing 5 of 7 columns. ☐ Show all columns.

Showing document 1 - 19. Documents per page: 20

⏪ ⏩