NODE Red Flows

```
[
  {
    "id": "9839df22ee52efd2",
    "type": "tab",
    "label": "Smart Solution for Railway",
    "disabled": false,
    "info": "",
    "env": []
  },
  {
    "id": "bd0c178447dd1ca1",
    "type": "cloudantplus out",
    "z": "9839df22ee52efd2",
    "name": "Sign Up",
    "cloudant": "4946f23f5cacb39c",
    "database": "auth-table",
    "service": "_ext_",
    "payonly": true,
    "operation": "insert",
    "x": 980,
    "y": 380,
    "wires": [
      [
        "877959a33f9be5ce"
      ]
    ]
  },
  {
    "id": "5c4ff4f9b0db37f6",
    "type": "cloudantplus in",
```

        "z": "9839df22ee52efd2",

        "name": "Get Data",

        "cloudant": "4946f23f5cacb39c",

        "database": "auth-table",

        "service": "_ext_",

        "search": "_query_",

        "design": "",

        "index": "",

        "x": 480,

        "y": 420,

        "wires": [

            [

                "60ad3f584d5e7dd9"

            ]

        ]

    },

    {

        "id": "3fdc01e6307df484",

        "type": "function",

        "z": "9839df22ee52efd2",

        "name": "Find the User",

        "func": "msg.email = msg.payload.email;\nglobal.set('email', msg.email); \nmsg.password = msg.payload.password;\nmsg.payload = {\n   \"selector\": {\n   \"email\": msg.email\n }\n}\nreturn msg;",

        "outputs": 1,

        "noerr": 0,

        "initialize": "",

        "finalize": "",

        "libs": [],

        "x": 320,

        "y": 420,

        "wires": [

```
            [
                "5c4ff4f9b0db37f6"
            ]
        ]
    },
    {
        "id": "60ad3f584d5e7dd9",
        "type": "switch",
        "z": "9839df22ee52efd2",
        "name": "",
        "property": "payload.bookmark",
        "propertyType": "msg",
        "rules": [
            {
                "t": "eq",
                "v": "nil",
                "vt": "str"
            },
            {
                "t": "else"
            }
        ],
        "checkall": "true",
        "repair": false,
        "outputs": 2,
        "x": 630,
        "y": 420,
        "wires": [
            [
                "a52be20b999717e0"
            ],
```

        [
            "d04a0ab4e91429d7"
        ]
      ]
    },
    {
      "id": "d04a0ab4e91429d7",
      "type": "function",
      "z": "9839df22ee52efd2",
      "name": "Authentication",
      "func": "var password = msg.payload.docs[0].password\nif(msg.password == password){\n msg.payload=\"Login\"\n}else{\n   msg.payload=\"Wrong Password\"\n}\nreturn msg;",
      "outputs": 1,
      "noerr": 0,
      "initialize": "",
      "finalize": "",
      "libs": [],
      "x": 820,
      "y": 440,
      "wires": [
        [
          "3a3e48435953fb76"
        ]
      ]
    },
    {
      "id": "a52be20b999717e0",
      "type": "function",
      "z": "9839df22ee52efd2",
      "name": "Sign Up function",
      "func": "msg.payload = { \"email\": msg.email, \"password\": msg.password }\nreturn msg;",

```json
        "outputs": 1,

        "noerr": 0,

        "initialize": "",

        "finalize": "",

        "libs": [],

        "x": 820,

        "y": 380,

        "wires": [

          [

            "bd0c178447dd1ca1"

          ]

        ]

    },

    {

        "id": "b012d52e30b202f6",

        "type": "ui_ui_control",

        "z": "9839df22ee52efd2",

        "name": "",

        "events": "all",

        "x": 1360,

        "y": 460,

        "wires": [

          []

        ]

    },

    {

        "id": "c603623ddab15978",

        "type": "function",

        "z": "9839df22ee52efd2",

        "name": "Booking Page Change",
```

"func": "// msg.payload = { \"group\": { \"hide\": [\"SignIn_LoginPage\"], \"show\": [\"SignIn_Boarding\", \"SignIn_Departure\", \"SignIn_Date\", \"SignIn_TicketCount\"], \"focus\": true } }\n// msg.payload = { \"tabs\": { \"show\": [\"SignIn\"], \"hide\": [\"Booking\"] } }\nmsg.payload = { \"group\": { \"hide\": [\"App_LoginPage\"], \"show\": [\"App_BookingPage\"], \"focus\": true } }\n\nreturn msg;",

        "outputs": 1,

        "noerr": 0,

        "initialize": "",

        "finalize": "",

        "libs": [],

        "x": 1160,

        "y": 460,

        "wires": [

            [

                "b012d52e30b202f6"

            ]

        ]

    },

    {

        "id": "9beb113ddf12fec1",

        "type": "inject",

        "z": "9839df22ee52efd2",

        "name": "Clear screen",

        "props": [

            {

                "p": "payload"

            }

        ],

        "repeat": "",

        "crontab": "",

        "once": false,

        "onceDelay": 0.1,

```json
        "topic": "",

        "payload": "{ \"group\": { \"show\": [\"App_LiveTracking\"], \"hide\": [\"App_LoginPage\",
\"App_BookingPage\", \"App_LiveTrackingDetails\", \"App_PNRQuery\", \"App_ServiceRequest\"],
\"focus\": true } }",

        "payloadType": "jsonata",

        "x": 170,

        "y": 140,

        "wires": [

          [

            "fb31852aaf56c961"

          ]

        ]

    },

    {

        "id": "fb31852aaf56c961",

        "type": "ui_ui_control",

        "z": "9839df22ee52efd2",

        "name": "Initial Setup",

        "events": "all",

        "x": 330,

        "y": 140,

        "wires": [

          []

        ]

    },

    {

        "id": "630ee4834eedee9b",

        "type": "ui_form",

        "z": "9839df22ee52efd2",

        "name": "Sign In",

        "label": "",

        "group": "bd0ae5386ad7daf2",
```

"order": 1,

"width": 0,

"height": 0,

"options": [

  {

    "label": "Email",

    "value": "email",

    "type": "email",

    "required": true,

    "rows": null

  },

  {

    "label": "Password",

    "value": "password",

    "type": "password",

    "required": true,

    "rows": null

  }

],

"formValue": {

  "email": "",

  "password": ""

},

"payload": "",

"submit": "Sign In/Sign Up",

"cancel": "Cancel",

"topic": "",

"topicType": "str",

"splitLayout": "",

"className": "",

"x": 140,

```json
        "y": 420,
        "wires": [
            [
                "3fdc01e6307df484"
            ]
        ]
    },
    {
        "id": "3a3e48435953fb76",
        "type": "switch",
        "z": "9839df22ee52efd2",
        "name": "",
        "property": "payload",
        "propertyType": "msg",
        "rules": [
            {
                "t": "eq",
                "v": "Wrong Password",
                "vt": "str"
            },
            {
                "t": "eq",
                "v": "Login",
                "vt": "str"
            }
        ],
        "checkall": "true",
        "repair": false,
        "outputs": 2,
        "x": 970,
        "y": 440,
```

```json
        "wires": [
            [
                "3fe874b2dc88a95d"
            ],
            [
                "c603623ddab15978"
            ]
        ]
    },
    {
        "id": "3883f5e570fa2f1e",
        "type": "ui_dropdown",
        "z": "9839df22ee52efd2",
        "name": "Page Change",
        "label": "Move to",
        "tooltip": "",
        "place": "Select option",
        "group": "8fe9d7939381df1f",
        "order": 1,
        "width": 0,
        "height": 0,
        "passthru": true,
        "multiple": false,
        "options": [
            {
                "label": "Live Tracking Page",
                "value": "tracking",
                "type": "str"
            },
            {
                "label": "Booking page",
```

```json
                "value": "booking",
                "type": "str"
            },
            {
                "label": "PNR Query",
                "value": "pnr",
                "type": "str"
            },
            {
                "label": "Service Request",
                "value": "request",
                "type": "str"
            }
        ],
        "payload": "",
        "topic": "",
        "topicType": "str",
        "className": "",
        "x": 160,
        "y": 260,
        "wires": [
            [
                "8993d7fc4655d61c"
            ]
        ]
    },
    {
        "id": "10d51d4c3575879d",
        "type": "ui_ui_control",
        "z": "9839df22ee52efd2",
        "name": "",
```

```json
        "events": "all",

        "x": 640,

        "y": 260,

        "wires": [

            []

        ]

    },

    {

        "id": "8993d7fc4655d61c",

        "type": "function",

        "z": "9839df22ee52efd2",

        "name": "Home Page Change",

        "func": "if (msg.payload == \"tracking\"){\n    msg.payload = { \"group\": { \"show\": [\"App_LiveTrackingDetails\"], \"hide\": [\"App_LoginPage\", \"App_BookingPage\", \"App_PNRQuery\", \"App_ServiceRequest\"], \"focus\": true } }\n\n} else if (msg.payload == \"booking\"){\n    msg.payload = { \"group\": { \"show\": [\"App_LoginPage\"], \"hide\": [\"App_LiveTrackingDetails\", \"App_BookingPage\", \"App_PNRQuery\", \"App_ServiceRequest\"], \"focus\": true } }\n\nelse if(msg.payload==\"pnr\"){\n    msg.payload = { \"group\": { \"show\": [\"App_PNRQuery\"], \"hide\": [\"App_LoginPage\", \"App_BookingPage\", \"App_LiveTrackingDetails\", \"App_ServiceRequest\"], \"focus\": true } }\nelse {\n    msg.payload = { \"group\": { \"show\": [\"App_ServiceRequest\"], \"hide\": [\"App_LoginPage\", \"App_BookingPage\", \"App_LiveTrackingDetails\", \"App_PNRQuery\"], \"focus\": true } }\n}\n\nreturn msg;",

        "outputs": 1,

        "noerr": 0,

        "initialize": "",

        "finalize": "",

        "libs": [],

        "x": 420,

        "y": 260,

        "wires": [

            [

                "10d51d4c3575879d"

            ]
```

```json
        ]
    },
    {
        "id": "877959a33f9be5ce",
        "type": "function",
        "z": "9839df22ee52efd2",
        "name": "Sign UP Notification",
        "func": "msg.payload = \"Account Created Sucessfully. Login to book the ticket.\"\nreturn msg;",
        "outputs": 1,
        "noerr": 0,
        "initialize": "",
        "finalize": "",
        "libs": [],
        "x": 1180,
        "y": 380,
        "wires": [
            [
                "05516376c7178b7b"
            ]
        ]
    },
    {
        "id": "05516376c7178b7b",
        "type": "ui_toast",
        "z": "9839df22ee52efd2",
        "position": "dialog",
        "displayTime": "3",
        "highlight": "",
        "sendall": true,
        "outputs": 1,
        "ok": "OK",
```

```json
        "cancel": "",

        "raw": false,

        "className": "",

        "topic": "",

        "name": "Sign Up Sucessful",

        "x": 1390,

        "y": 380,

        "wires": [

            []

        ]

    },

    {

        "id": "3fe874b2dc88a95d",

        "type": "ui_toast",

        "z": "9839df22ee52efd2",

        "position": "dialog",

        "displayTime": "3",

        "highlight": "",

        "sendall": true,

        "outputs": 1,

        "ok": "OK",

        "cancel": "",

        "raw": false,

        "className": "",

        "topic": "",

        "name": "Wrong Password",

        "x": 1150,

        "y": 420,

        "wires": [

            []

        ]
```

        },
        {
            "id": "53bf4a48f55d9637",
            "type": "comment",
            "z": "9839df22ee52efd2",
            "name": "Smart Solution For Railways",
            "info": "By,\nShane Rex\nShyam\nVijay\nSubash\n\nTrain No : 12632",
            "x": 800,
            "y": 40,
            "wires": [],
            "icon": "font-awesome/fa-info-circle"
        },
        {
            "id": "a605a733f0c5fc2e",
            "type": "comment",
            "z": "9839df22ee52efd2",
            "name": "Clear screen",
            "info": "",
            "x": 110,
            "y": 80,
            "wires": []
        },
        {
            "id": "c04189a99625f13a",
            "type": "comment",
            "z": "9839df22ee52efd2",
            "name": "Navigation",
            "info": "",
            "x": 100,
            "y": 200,
            "wires": []

```
    },
    {
        "id": "63ecc0961aae3aea",
        "type": "comment",
        "z": "9839df22ee52efd2",
        "name": "Sign In/Sign Up",
        "info": "",
        "x": 120,
        "y": 340,
        "wires": []
    },
    {
        "id": "cf4445fafca734ce",
        "type": "ui_form",
        "z": "9839df22ee52efd2",
        "name": "Booking Form",
        "label": "",
        "group": "6fa057d618bea6c0",
        "order": 1,
        "width": 0,
        "height": 0,
        "options": [
            {
                "label": "Train Number",
                "value": "trainumber",
                "type": "number",
                "required": true,
                "rows": null
            },
            {
                "label": "Passenger Name",
```

```json
      "value": "pname",

      "type": "text",

      "required": true,

      "rows": null

    },

    {

      "label": "No. of Tickets",

      "value": "ticketcount",

      "type": "number",

      "required": true,

      "rows": null

    },

    {

      "label": "Date of Journey",

      "value": "date",

      "type": "date",

      "required": true,

      "rows": null

    }

  ],

  "formValue": {

    "trainumber": "",

    "pname": "",

    "ticketcount": "",

    "date": ""

  },

  "payload": "",

  "submit": "Book",

  "cancel": "Cancel",

  "topic": "",

  "topicType": "str",
```

```json
        "splitLayout": "",

        "className": "",

        "x": 160,

        "y": 600,

        "wires": [

            [

                "6312b0bb3794ba69"

            ]

        ]

    },

    {

        "id": "927e3701789bc6ab",

        "type": "cloudantplus out",

        "z": "9839df22ee52efd2",

        "name": "Booking",

        "cloudant": "4946f23f5cacb39c",

        "database": "booking-table",

        "service": "_ext_",

        "payonly": true,

        "operation": "insert",

        "x": 620,

        "y": 740,

        "wires": [

            [

                "ef7b81ffc12f348e",

                "928bce5a02b999e0",

                "96890f5ea8358708"

            ]

        ]

    },

    {
```

"id": "c86fc12fae4a74dc",

"type": "function",

"z": "9839df22ee52efd2",

"name": "Booking Function",

"func": "msg.pnr = Math.floor((Math.random() * 1000000) + 100000);\nmsg.trainName = msg.traindetail.docs[0].name;\nmsg.from = msg.traindetail.docs[0].from\nmsg.to = msg.traindetail.docs[0].to\nmsg.time = msg.traindetail.docs[0].time\nvar date = msg.date\nmsg.date = date.substring(0, 10)\nmsg.payload = {\n   \"pnr\": msg.pnr, \n \"trainNumber\": msg.train, \n   \"date\": msg.date, \n   \"ticketcount\": msg.ticketcount, \n \"by\": global.get('email'), \n   \"pname\": msg.pname,\n   \"trainName\": msg.traindetail.docs[0].name,\n   \"from\": msg.traindetail.docs[0].from,\n   \"to\": msg.traindetail.docs[0].to,\n   \"time\":msg.traindetail.docs[0].time,\n   }\nreturn msg;",

"outputs": 1,

"noerr": 0,

"initialize": "",

"finalize": "",

"libs": [],

"x": 350,

"y": 740,

"wires": [

  [

     "927e3701789bc6ab"

  ]

]

},

{

"id": "6312b0bb3794ba69",

"type": "function",

"z": "9839df22ee52efd2",

"name": "Fetch train Details",

"func": "msg.train = msg.payload.trainumber,\nmsg.ticketcount = msg.payload.ticketcount,\nmsg.date = msg.payload.date,\nmsg.pname = msg.payload.pname\nmsg.payload = msg.payload = {\n   \"selector\": {\n   \"trainNo\": msg.train\n   }\n}\nreturn msg;",

```json
        "outputs": 1,

        "noerr": 0,

        "initialize": "",

        "finalize": "",

        "libs": [],

        "x": 350,

        "y": 600,

        "wires": [

          [

            "debc8161db99bc11"

          ]

        ]

    },

    {

        "id": "debc8161db99bc11",

        "type": "cloudantplus in",

        "z": "9839df22ee52efd2",

        "name": "Get Train",

        "cloudant": "4946f23f5cacb39c",

        "database": "train-info",

        "service": "_ext_",

        "search": "_query_",

        "design": "",

        "index": "",

        "x": 520,

        "y": 600,

        "wires": [

          [

            "3e70aa7b354050d7"

          ]

        ]
```

```json
        },
        {
            "id": "3e70aa7b354050d7",
            "type": "switch",
            "z": "9839df22ee52efd2",
            "name": "",
            "property": "payload.bookmark",
            "propertyType": "msg",
            "rules": [
                {
                    "t": "eq",
                    "v": "nil",
                    "vt": "str"
                },
                {
                    "t": "else"
                }
            ],
            "checkall": "true",
            "repair": false,
            "outputs": 2,
            "x": 670,
            "y": 600,
            "wires": [
                [
                    "b1ae5c2c47ce3e4f"
                ],
                [
                    "65ff87cbb6feb65e"
                ]
            ]
```

        },
        {
            "id": "65ff87cbb6feb65e",
            "type": "function",
            "z": "9839df22ee52efd2",
            "name": "Verification",
            "func": "msg.traindetail = msg.payload;\nvar available = msg.payload.docs[0].tickets\nif (msg.ticketcount == 0){\n   msg.payload = \"Ticket count must be greater than zero\"\n}\n// else if(false){\n//   msg.payload = \"The date must not be in the past\"\n// }\nelse if (msg.ticketcount <= available) {\n   msg.payload = \"Book\"\n} else {\n   msg.payload = \"Sorry no tickets available!!\"\n}\n// msg.payload = msg.payload\nreturn msg;",
            "outputs": 1,
            "noerr": 0,
            "initialize": "",
            "finalize": "",
            "libs": [],
            "x": 830,
            "y": 620,
            "wires": [
                [
                    "aea1606c10c3a018"
                ]
            ]
        },
        {
            "id": "aea1606c10c3a018",
            "type": "switch",
            "z": "9839df22ee52efd2",
            "name": "",
            "property": "payload",
            "propertyType": "msg",
            "rules": [

```json
    {
      "t": "eq",
      "v": "Ticket count must be greater than zero",
      "vt": "str"
    },
    {
      "t": "eq",
      "v": "The date must not be in the past",
      "vt": "str"
    },
    {
      "t": "eq",
      "v": "Sorry no tickets available!!",
      "vt": "str"
    },
    {
      "t": "eq",
      "v": "Book",
      "vt": "str"
    }
  ],
  "checkall": "true",
  "repair": false,
  "outputs": 4,
  "x": 990,
  "y": 620,
  "wires": [
    [
      "ee21e58b8a11a5d9"
    ],
    [
```

```
                "ee21e58b8a11a5d9"
            ],
            [
                "ee21e58b8a11a5d9"
            ],
            [
                "c86fc12fae4a74dc"
            ]
        ]
    },
    {
        "id": "4cf88758c5b79a14",
        "type": "cloudantplus out",
        "z": "9839df22ee52efd2",
        "name": "",
        "cloudant": "4946f23f5cacb39c",
        "database": "train-info",
        "service": "_ext_",
        "payonly": true,
        "operation": "insert",
        "x": 1120,
        "y": 700,
        "wires": [
            []
        ]
    },
    {
        "id": "96890f5ea8358708",
        "type": "function",
        "z": "9839df22ee52efd2",
        "name": "Update train table",
```

"func": "msg.payload = {\n   \"_id\": msg.traindetail.docs[0]._id,\n   \"_rev\": msg.traindetail.docs[0]._rev,\n   \"trainNo\": msg.traindetail.docs[0].trainNo,\n   \"name\": msg.traindetail.docs[0].name,\n   // \"available\": {\n   //   \"2022-12-14T18:30:00.000Z\": 10,\n   //   \"2022-12-21T18:30:00.000Z\": 30,\n   //   \"2022-12-28T18:30:00.000Z\": 25,\n   //   \"2023-01-04T18:30:00.000Z\": 100\n   // },\n   \"available\": msg.traindetail.docs[0].available,\n   \"tickets\": msg.traindetail.docs[0].tickets-msg.ticketcount,\n   \"from\": msg.traindetail.docs[0].from,\n   \"to\": msg.traindetail.docs[0].to,\n   \"time\": msg.traindetail.docs[0].time\n}\nreturn msg;",

      "outputs": 1,

      "noerr": 0,

      "initialize": "",

      "finalize": "",

      "libs": [],

      "x": 910,

      "y": 720,

      "wires": [

        [

          "4cf88758c5b79a14"

        ]

      ]

    },

    {

      "id": "b1ae5c2c47ce3e4f",

      "type": "function",

      "z": "9839df22ee52efd2",

      "name": "No train Found",

      "func": "msg.payload=\"No train found\"\nreturn msg;",

      "outputs": 1,

      "noerr": 0,

      "initialize": "",

      "finalize": "",

      "libs": [],

      "x": 840,

```json
        "y": 580,
        "wires": [
            [
                "f94525fd77a76887"
            ]
        ]
    },
    {
        "id": "f94525fd77a76887",
        "type": "ui_toast",
        "z": "9839df22ee52efd2",
        "position": "dialog",
        "displayTime": "3",
        "highlight": "",
        "sendall": true,
        "outputs": 1,
        "ok": "OK",
        "cancel": "",
        "raw": false,
        "className": "",
        "topic": "",
        "name": "No train Found",
        "x": 1040,
        "y": 560,
        "wires": [
            []
        ]
    },
    {
        "id": "ee21e58b8a11a5d9",
        "type": "ui_toast",
```

            "z": "9839df22ee52efd2",

            "position": "dialog",

            "displayTime": "3",

            "highlight": "",

            "sendall": true,

            "outputs": 1,

            "ok": "OK",

            "cancel": "",

            "raw": false,

            "className": "",

            "topic": "",

            "name": "Error",

            "x": 1230,

            "y": 600,

            "wires": [

                []

            ]

        },

        {

            "id": "bd5bb377da40c89a",

            "type": "ui_toast",

            "z": "9839df22ee52efd2",

            "position": "dialog",

            "displayTime": "3",

            "highlight": "",

            "sendall": true,

            "outputs": 1,

            "ok": "OK",

            "cancel": "",

            "raw": false,

            "className": "",

      "topic": "",

      "name": "Booking Sucessful",

      "x": 1150,

      "y": 760,

      "wires": [

        []

      ]

    },

    {

      "id": "ef7b81ffc12f348e",

      "type": "function",

      "z": "9839df22ee52efd2",

      "name": " Booking Sucessful",

      "func": "msg.payload = \"Ticket Booked Sucessfully with PNR Number: \"+msg.pnr+\".\".\"\nreturn msg;",

      "outputs": 1,

      "noerr": 0,

      "initialize": "",

      "finalize": "",

      "libs": [],

      "x": 930,

      "y": 760,

      "wires": [

        [

          "bd5bb377da40c89a"

        ]

      ]

    },

    {

      "id": "6deb0f1737c95ac7",

      "type": "function",

    "z": "9839df22ee52efd2",

    "name": "Current Train Location",

    "func": "var lat = msg.payload.lat\nvar long = msg.payload.long\n\nmsg.payload = { \"name\": \"Train Location\", \n   \"lat\": msg.payload.lat, \n   \"lon\": msg.payload.long, \n   \"icon\": \"fa-train\",\n   \"panit\": true,\n   \"toptitle\": \"Live Location\"}\nreturn msg;",

    "outputs": 1,

    "noerr": 0,

    "initialize": "",

    "finalize": "",

    "libs": [],

    "x": 380,

    "y": 1000,

    "wires": [

      [

        "c9ef4998033d6c39"

      ]

    ]

  },

  {

    "id": "c9ef4998033d6c39",

    "type": "ui_worldmap",

    "z": "9839df22ee52efd2",

    "group": "124ddc169a601e01",

    "order": 2,

    "width": "0",

    "height": "0",

    "name": "Location Map",

    "lat": "8.735640",

    "lon": "77.708161",

    "zoom": "12",

    "layer": "OSMC",

    "cluster": "",

        "maxage": "",

        "usermenu": "hide",

        "layers": "hide",

        "panit": "false",

        "panlock": "false",

        "zoomlock": "false",

        "hiderightclick": "true",

        "coords": "deg",

        "showgrid": "false",

        "showruler": "false",

        "allowFileDrop": "false",

        "path": "/worldmap",

        "overlist": "DN,RW",

        "maplist": "OSMG,OSMC,EsriC,EsriS,EsriT,EsriDG,UKOS",

        "mapname": "",

        "mapurl": "",

        "mapopt": "",

        "mapwms": false,

        "x": 680,

        "y": 1000,

        "wires": []

    },

    {

        "id": "bb2ee8b018eceb53",

        "type": "qrcode-generator",

        "z": "9839df22ee52efd2",

        "name": "QR Code",

        "qrtype": "text2qr",

        "text2qrText": "",

        "ssid": "",

        "hiddenssid": false,

```json
        "wifitype": "",

        "phonenum": "",

        "smsphonenum": "",

        "smstext": "",

        "mailto": "",

        "mailsubject": "",

        "mailbody": "",

        "latitude": "",

        "longitude": "",

        "colorlight": "#ffffff",

        "colordark": "#000000",

        "printstatus": false,

        "x": 1120,

        "y": 800,

        "wires": [

            [

                "580f0d56ccf5f7c4"

            ]

        ]

    },

    {

        "id": "928bce5a02b999e0",

        "type": "function",

        "z": "9839df22ee52efd2",

        "name": "QR Code Generator",

        "func": "msg.qrcodeinput = \"\" + msg.payload.result.id\nreturn msg;",

        "outputs": 1,

        "noerr": 0,

        "initialize": "",

        "finalize": "",

        "libs": [],
```

```json
      "x": 920,

      "y": 800,

      "wires": [

        [

          "bb2ee8b018eceb53"

        ]

      ]

    },

    {

      "id": "3acb0412793afdd6",

      "type": "ibmiot in",

      "z": "9839df22ee52efd2",

      "authentication": "apiKey",

      "apiKey": "8a3a05af41b88823",

      "inputType": "evt",

      "logicalInterface": "",

      "ruleId": "",

      "deviceId": "",

      "applicationId": "",

      "deviceType": "+",

      "eventType": "+",

      "commandType": "",

      "format": "json",

      "name": "IBM IoT",

      "service": "registered",

      "allDevices": "",

      "allApplications": "",

      "allDeviceTypes": true,

      "allLogicalInterfaces": "",

      "allEvents": true,

      "allCommands": "",
```

```json
        "allFormats": "",

        "qos": 0,

        "x": 130,

        "y": 1000,

        "wires": [

          [

            "6deb0f1737c95ac7"

          ]

        ]

    },

    {

        "id": "7331be1bbb64f5b2",

        "type": "html-to-pdf",

        "z": "9839df22ee52efd2",

        "name": "Generating Ticket",

        "format": "A4",

        "zoom": "100",

        "orientation": "Portrait",

        "width": "",

        "height": "",

        "marginTop": 1,

        "marginLeft": 1,

        "marginBottom": 1,

        "marginRight": 1,

        "marginTopUnits": "cm",

        "marginLeftUnits": "cm",

        "marginBottomUnits": "cm",

        "marginRightUnits": "cm",

        "omitBackground": true,

        "printGraphics": false,

        "x": 1130,
```

      "y": 860,

      "wires": [

        [

          "c1a5627b328fc338"

        ]

      ]

    },

    {

      "id": "580f0d56ccf5f7c4",

      "type": "template",

      "z": "9839df22ee52efd2",

      "name": "Generating Ticket",

      "field": "payload",

      "fieldType": "msg",

      "format": "html",

      "syntax": "mustache",

      "template": "<html>\n<head>\n <style>\n   .card {\n   box-shadow: 0 4px 8px 0 rgba(0, 0, 0, 0.2);\n   transition: 0.3s;\n   width: 700px;\n   position: relative;\n   left: 250px;\n   }\n   .card:hover {\n   box-shadow: 0 8px 16px 0 rgba(0, 0, 0, 0.2);\n   }\n   .container {\n   padding: 2px 60px;\n   }\n   #rail {\n   width: 120px;\n   object-fit: cover;\n   position: absolute;\n   top: 90px;\n   left: 700px;\n   border-radius: 10px;\n   }\n   h1 {\n   text-align: center;\n   }\n   #to {\n   position: relative;\n   left: 150px;\n\n   }\n </style>\n</head>\n\n<body>\n <h1>E-Ticket</h1>\n <img src=\"{{payload}}\" id=\"rail\" alt=\"\">\n <div class=\"card\">\n   <div class=\"container\">\n   <p>PNR Number: {{pnr}}</p>\n   <p>Train Name: {{trainName}}</p>\n   <p>Passenger Name: {{pname}} </p>\n   <p style=\"margin:0;display:inline;float:left\">From: {{from}}</p>\n   <p id=\"to\">To: {{to}}</p>\n   <p>Depature Date: {{date}}</p>\n   <p>Depature Time: {{time}} </p>\n   <p>Tickets: {{ticketcount}}</p>\n   </div>\n </div>\n</body>\n</html>",

      "output": "str",

      "x": 910,

      "y": 860,

      "wires": [

        [

          "7331be1bbb64f5b2"

```json
        ]
    ]
},
{
    "id": "c1a5627b328fc338",
    "type": "file",
    "z": "9839df22ee52efd2",
    "name": "File Download",
    "filename": "F:\\IBM Nalayathiran\\Ticket.pdf",
    "filenameType": "str",
    "appendNewline": true,
    "createDir": false,
    "overwriteFile": "true",
    "encoding": "none",
    "x": 1340,
    "y": 860,
    "wires": [
        []
    ]
},
{
    "id": "9aec14784b6efccb",
    "type": "comment",
    "z": "9839df22ee52efd2",
    "name": "Booking Form",
    "info": "",
    "x": 110,
    "y": 520,
    "wires": []
},
{
```

```json
    "id": "b46c2e89cbd4b9fa",

    "type": "comment",

    "z": "9839df22ee52efd2",

    "name": "Live Tracking",

    "info": "",

    "x": 110,

    "y": 940,

    "wires": []

},

{

    "id": "c2094e2436dc75e7",

    "type": "ui_form",

    "z": "9839df22ee52efd2",

    "name": "PNR query",

    "label": "PNR Enquiry",

    "group": "473042af20a52485",

    "order": 0,

    "width": 0,

    "height": 0,

    "options": [

        {

            "label": "PNR Number",

            "value": "pnr",

            "type": "number",

            "required": true,

            "rows": null

        }

    ],

    "formValue": {

        "pnr": ""

    },
```

```json
      "payload": "",

      "submit": "Fetch",

      "cancel": "Cancel",

      "topic": "",

      "topicType": "str",

      "splitLayout": "",

      "className": "",

      "x": 130,

      "y": 1160,

      "wires": [

        [

            "d242601545a09ec0"

        ]

      ]

    },

    {

      "id": "d242601545a09ec0",

      "type": "function",

      "z": "9839df22ee52efd2",

      "name": "Get PNR Details",

      "func": "msg.pnr = msg.payload.pnr\nmsg.payload = {\n   \"selector\": {\n       \"pnr\": msg.pnr\n   }\n}\nreturn msg;",

      "outputs": 1,

      "noerr": 0,

      "initialize": "",

      "finalize": "",

      "libs": [],

      "x": 320,

      "y": 1160,

      "wires": [

        [
```

```
                    "24937707932ac8e6"
                ]
            ]
        },
        {
            "id": "24937707932ac8e6",
            "type": "cloudantplus in",
            "z": "9839df22ee52efd2",
            "name": "PNR Details",
            "cloudant": "4946f23f5cacb39c",
            "database": "booking-table",
            "service": "_ext_",
            "search": "_query_",
            "design": "",
            "index": "",
            "x": 510,
            "y": 1160,
            "wires": [
                [
                    "9afe3abe4884865a"
                ]
            ]
        },
        {
            "id": "9afe3abe4884865a",
            "type": "switch",
            "z": "9839df22ee52efd2",
            "name": "",
            "property": "payload.bookmark",
            "propertyType": "msg",
            "rules": [
```

```json
        {
            "t": "eq",
            "v": "nil",
            "vt": "str"
        },
        {
            "t": "else"
        }
    ],
    "checkall": "true",
    "repair": false,
    "outputs": 2,
    "x": 710,
    "y": 1160,
    "wires": [
        [
            "b6e4e22dd19bfe88"
        ],
        [
            "b2c83b2cc2580de3"
        ]
    ]
},
{
    "id": "b6e4e22dd19bfe88",
    "type": "function",
    "z": "9839df22ee52efd2",
    "name": "No detailsFound",
    "func": "msg.payload=\"No details found\"\nreturn msg;",
    "outputs": 1,
    "noerr": 0,
```

        "initialize": "",

        "finalize": "",

        "libs": [],

        "x": 880,

        "y": 1120,

        "wires": [

            [

                "3dca9edd64336d9d"

            ]

        ]

    },

    {

        "id": "3dca9edd64336d9d",

        "type": "ui_toast",

        "z": "9839df22ee52efd2",

        "position": "dialog",

        "displayTime": "3",

        "highlight": "",

        "sendall": true,

        "outputs": 1,

        "ok": "OK",

        "cancel": "",

        "raw": false,

        "className": "",

        "topic": "",

        "name": "No details Found",

        "x": 1090,

        "y": 1120,

        "wires": [

            []

        ]

```
    },
    {
        "id": "77ead88fef8e9243",
        "type": "ui_template",
        "z": "9839df22ee52efd2",
        "group": "473042af20a52485",
        "name": "PNR Status",
        "order": 0,
        "width": "6",
        "height": "5",
        "format": "<h1 align=\"center\">PNR Status</h1>\n\n<ul style=\"list-style-type: none;\">\n    <li
ng-bind-html=\"msg.pnr\"> </li>\n    <li ng-bind-html=\"msg.train\"> </li>\n    <li ng-bind-
html=\"msg.name\"> </li>\n    <li ng-bind-html=\"msg.from\"> </li>\n    <li ng-bind-
html=\"msg.to\"> </li>\n    <li ng-bind-html=\"msg.date\"> </li>\n    <li ng-bind-html=\"msg.time\">
</li>\n    <li ng-bind-html=\"msg.count\"> </li>\n</ul>",
        "storeOutMessages": true,
        "fwdInMessages": true,
        "resendOnRefresh": false,
        "templateScope": "local",
        "className": "",
        "x": 1070,
        "y": 1180,
        "wires": [
            []
        ]
    },
    {
        "id": "b2c83b2cc2580de3",
        "type": "function",
        "z": "9839df22ee52efd2",
        "name": "PNR Details",
        "func": "var date = msg.payload.docs[0].date\nmsg.pnr = \"PNR Number: \" +
msg.payload.docs[0].pnr\nmsg.train = \"Train Number:
```

\"+msg.payload.docs[0].trainNumber\nmsg.pname = \"Passenger Name: \"+
msg.payload.docs[0].pname \nmsg.name = \"Train Name:
\"+msg.payload.docs[0].trainName\nmsg.from = \"From: \"+msg.payload.docs[0].from\nmsg.to =
\"To: \"+msg.payload.docs[0].to\nmsg.date = \"Date: \"+msg.payload.docs[0].date\n// msg.date =
\"Date: \" + date;\nmsg.count = \"Number of tickets: \"+msg.payload.docs[0].ticketcount\nmsg.time
= \"Depature Time: \"+msg.payload.docs[0].time\nreturn msg;",

        "outputs": 1,

        "noerr": 0,

        "initialize": "",

        "finalize": "",

        "libs": [],

        "x": 870,

        "y": 1180,

        "wires": [

          [

            "77ead88fef8e9243"

          ]

        ]

    },

    {

        "id": "a527e8a9788a3274",

        "type": "ui_form",

        "z": "9839df22ee52efd2",

        "name": "Service Request",

        "label": "Select the issue",

        "group": "8222190b97ebd276",

        "order": 0,

        "width": 0,

        "height": 0,

        "options": [

          {

            "label": "PNR Number",

            "value": "pnr",

```json
      "type": "number",

      "required": true,

      "rows": null

    },

    {

      "label": "Seat Cleaning",

      "value": "seatCleaning",

      "type": "checkbox",

      "required": false,

      "rows": null

    },

    {

      "label": "Water problems",

      "value": "waterProblems",

      "type": "checkbox",

      "required": false,

      "rows": null

    },

    {

      "label": "Bathroom Cleaning",

      "value": "bathroomCleaning",

      "type": "checkbox",

      "required": false,

      "rows": null

    },

    {

      "label": "Window/Accessory problems",

      "value": "waProblems",

      "type": "checkbox",

      "required": false,

      "rows": null
```

```json
    },
    {
      "label": "Light/Fan problems",
      "value": "fanProblems",
      "type": "checkbox",
      "required": false,
      "rows": null
    },
    {
      "label": "Others",
      "value": "other",
      "type": "checkbox",
      "required": false,
      "rows": null
    },
    {
      "label": "Comments",
      "value": "comment",
      "type": "multiline",
      "required": false,
      "rows": 3
    }
  ],
  "formValue": {
    "pnr": "",
    "seatCleaning": false,
    "waterProblems": false,
    "bathroomCleaning": false,
    "waProblems": false,
    "fanProblems": false,
    "other": false,
```

    "comment": ""

   },

   "payload": "",

   "submit": "submit",

   "cancel": "cancel",

   "topic": "",

   "topicType": "str",

   "splitLayout": "",

   "className": "",

   "x": 140,

   "y": 1300,

   "wires": [

     [

       "33fac604280c245b"

     ]

   ]

  },

  {

   "id": "33fac604280c245b",

   "type": "function",

   "z": "9839df22ee52efd2",

   "name": "Update the request",

   "func": "msg.payload = {\n   \"pnr\": msg.payload.pnr,\n   \"seatCleaning\": msg.payload.seatCleaning,\n   \"waterProblems\": msg.payload.waterProblems,\n \"bathroomCleaning\": msg.payload.bathroomCleaning,\n   \"waProblems\": msg.payload.waProblems,\n   \"fanProblems\": msg.payload.fanProblems,\n   \"other\": msg.payload.other,\n   \"comment\": msg.payload.comment\n}\nreturn msg;",

   "outputs": 1,

   "noerr": 0,

   "initialize": "",

   "finalize": "",

   "libs": [],

```json
      "x": 350,
      "y": 1300,
      "wires": [
        [
          "9d1fb2311f4e6135"
        ]
      ]
    },
    {
      "id": "9d1fb2311f4e6135",
      "type": "cloudantplus out",
      "z": "9839df22ee52efd2",
      "name": "Service Request",
      "cloudant": "4946f23f5cacb39c",
      "database": "service-request",
      "service": "_ext_",
      "payonly": true,
      "operation": "insert",
      "x": 560,
      "y": 1300,
      "wires": [
        [
          "74b001cfadbb21b7"
        ]
      ]
    },
    {
      "id": "ca268136054fe9bd",
      "type": "ui_toast",
      "z": "9839df22ee52efd2",
      "position": "dialog",
```

            "displayTime": "3",

            "highlight": "",

            "sendall": true,

            "outputs": 1,

            "ok": "OK",

            "cancel": "",

            "raw": false,

            "className": "",

            "topic": "",

            "name": "Requested Sucessfully",

            "x": 1020,

            "y": 1300,

            "wires": [

                []

            ]

        },

        {

            "id": "74b001cfadbb21b7",

            "type": "function",

            "z": "9839df22ee52efd2",

            "name": "Requested Sucessfully",

            "func": "msg.payload = \"Request has been submitted successfully. Sorry for the inconvenience caused.\"\nreturn msg;",

            "outputs": 1,

            "noerr": 0,

            "initialize": "",

            "finalize": "",

            "libs": [],

            "x": 780,

            "y": 1300,

            "wires": [

```
        [
            "ca268136054fe9bd"
        ]
    ]
},
{
    "id": "8e5c3d444cc68b20",
    "type": "comment",
    "z": "9839df22ee52efd2",
    "name": "PNR Enquiry",
    "info": "",
    "x": 110,
    "y": 1080,
    "wires": []
},
{
    "id": "e0fadbf7a97195e1",
    "type": "comment",
    "z": "9839df22ee52efd2",
    "name": "Service Request",
    "info": "",
    "x": 120,
    "y": 1240,
    "wires": []
},
{
    "id": "4946f23f5cacb39c",
    "type": "cloudantplus",
    "host": "https://apikey-v2-
2vji5kegi5d7aaygtccqtt616y5u2yva2mpawe7ps7gp:15bc42554c2a4881a11889247e6ab66e@589809
90-cf73-48b6-bbee-db90262aae86-bluemix.cloudantnosqldb.appdomain.cloud",
    "name": "Database",
```

```json
      "useapikey": true
    },
    {
      "id": "bd0ae5386ad7daf2",
      "type": "ui_group",
      "name": "LoginPage",
      "tab": "59ce8c49ecb5f8ce",
      "order": 6,
      "disp": true,
      "width": "6",
      "collapse": false,
      "className": ""
    },
    {
      "id": "8fe9d7939381df1f",
      "type": "ui_group",
      "name": "HomePage",
      "tab": "59ce8c49ecb5f8ce",
      "order": 10,
      "disp": true,
      "width": "6",
      "collapse": false,
      "className": ""
    },
    {
      "id": "6fa057d618bea6c0",
      "type": "ui_group",
      "name": "BookingPage",
      "tab": "59ce8c49ecb5f8ce",
      "order": 5,
      "disp": true,
```

```json
      "width": "6",

      "collapse": false,

      "className": ""

    },

    {

      "id": "124ddc169a601e01",

      "type": "ui_group",

      "name": "LiveTrackingDetails",

      "tab": "59ce8c49ecb5f8ce",

      "order": 7,

      "disp": true,

      "width": "6",

      "collapse": false,

      "className": ""

    },

    {

      "id": "8a3a05af41b88823",

      "type": "ibmiot",

      "name": "IBM IOT Api",

      "keepalive": "60",

      "serverName": "",

      "cleansession": true,

      "appId": "",

      "shared": false

    },

    {

      "id": "473042af20a52485",

      "type": "ui_group",

      "name": "PNRQuery",

      "tab": "59ce8c49ecb5f8ce",

      "order": 8,
```

```json
      "disp": true,

      "width": "6",

      "collapse": false,

      "className": "PNRQuery"

    },

    {

      "id": "8222190b97ebd276",

      "type": "ui_group",

      "name": "ServiceRequest",

      "tab": "59ce8c49ecb5f8ce",

      "order": 9,

      "disp": true,

      "width": "6",

      "collapse": false,

      "className": ""

    },

    {

      "id": "59ce8c49ecb5f8ce",

      "type": "ui_tab",

      "name": "App",

      "icon": "dashboard",

      "disabled": false,

      "hidden": false

    }

]
```