Project 3 – Solution

Feel free to use the project solution for your reference.

```
[
    {
        "id": "86b351960f76668a",
        "type": "comment",
        "z": "562363d4087c92d2",
        "name": "Project 3 Solution",
        "info": "",
        "x": 140,
        "y": 480,
        "wires": []
    },
    {
        "id": "e3bdd7a9c3529a6b",
        "type": "inject",
        "z": "562363d4087c92d2",
        "name": "",
        "props": [
            {
                "p": "payload"
            },
            {
```
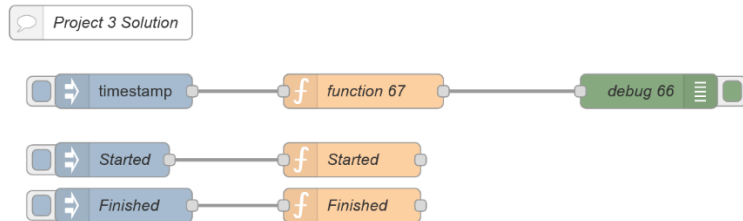
          "p": "topic",
          "vt": "str"
        }
      ],
      "repeat": "",
      "crontab": "",
      "once": false,
      "onceDelay": 0.1,
      "topic": "",
      "payload": "",
      "payloadType": "date",
      "x": 160,
      "y": 540,
      "wires": [
        [
          "bc58dc9cb9832cee"
        ]
      ]
    },
    {
      "id": "bc58dc9cb9832cee",
      "type": "function",
      "z": "562363d4087c92d2",
      "name": "function 67",
      "func": "var productionStatus = {\n   line1 : {\n   name: 'L01',\n   managerName: 'Michael',\n   productionCount: [Math.floor(Math.random() * 100), Math.floor(Math.random() * 50)],\n   started: flow.get('started'),\n   finished: flow.get('finished')\n   },\n   line2: {\n   name: 'L02',\n   managerName: 'Jonas',\n   productionCount: [Math.floor(Math.random() * 70), Math.floor(Math.random() * 80)],\n   started: flow.get('started'),\n   finished: flow.get('finished')\n   },\n   line3: {\n   name: 'L03',\n   managerName: 'Mathias',\n   productionCount: [Math.floor(Math.random() * 50), Math.floor(Math.random() * 150)],\n   started: flow.get('started'),\n   finished: flow.get('finished')\n   }\n};\nmsg.payload = productionStatus;\n//msg.payload = productionStatus.line1.productionCount[0] + productionStatus.line2.productionCount[0] + productionStatus.line3.productionCount[0] ;\nreturn msg;",
      "outputs": 1,
      "timeout": 0,
      "noerr": 0,
      "initialize": "",
      "finalize": "",
      "libs": [],
      "x": 370,
      "y": 540,
      "wires": [
        [
          "ed1e4a076846322e"
        ]

```json
        ]
    },
    {
        "id": "ed1e4a076846322e",
        "type": "debug",
        "z": "562363d4087c92d2",
        "name": "debug 66",
        "active": true,
        "tosidebar": true,
        "console": false,
        "tostatus": false,
        "complete": "false",
        "statusVal": "",
        "statusType": "auto",
        "x": 620,
        "y": 540,
        "wires": []
    },
    {
        "id": "4473aa5485c1e431",
        "type": "inject",
        "z": "562363d4087c92d2",
        "name": "Started",
        "props": [
            {
                "p": "payload"
            },
            {
                "p": "topic",
                "vt": "str"
            }
        ],
        "repeat": "",
        "crontab": "",
        "once": false,
        "onceDelay": 0.1,
        "topic": "",
        "payload": "",
        "payloadType": "date",
        "x": 150,
        "y": 600,
        "wires": [
            [
                "bc212cd9478010b2"
            ]
        ]
    },
```

```json
    {
        "id": "bc212cd9478010b2",
        "type": "function",
        "z": "562363d4087c92d2",
        "name": "Started",
        "func": "var dateTime = new Date();\nvar started = dateTime.getFullYear() + '-' +
(dateTime.getMonth()+1) + '-' + dateTime.getDate() + \" \" + dateTime.getHours() + \":\" +
dateTime.getMinutes() + ':' + dateTime.getSeconds();\nflow.set('started',started);\n",
        "outputs": 1,
        "timeout": 0,
        "noerr": 0,
        "initialize": "",
        "finalize": "",
        "libs": [],
        "x": 360,
        "y": 600,
        "wires": [
            []
        ]
    },
    {
        "id": "f3f2183f583a962f",
        "type": "inject",
        "z": "562363d4087c92d2",
        "name": "Finished",
        "props": [
            {
                "p": "payload"
            },
            {
                "p": "topic",
                "vt": "str"
            }
        ],
        "repeat": "",
        "crontab": "",
        "once": false,
        "onceDelay": 0.1,
        "topic": "",
        "payload": "",
        "payloadType": "date",
        "x": 160,
        "y": 640,
        "wires": [
            [
                "49fb8ec6b178e3c4"
            ]
```

```
        ]
    },
    {
        "id": "49fb8ec6b178e3c4",
        "type": "function",
        "z": "562363d4087c92d2",
        "name": "Finished",
        "func": "var dateTime = new Date();\nvar finished = dateTime.getFullYear() + '-' +
(dateTime.getMonth()+1) + '-' + dateTime.getDate() + \" \" + dateTime.getHours() + \":\" +
dateTime.getMinutes() + ':' + dateTime.getSeconds();\nflow.set('finished',finished);\n",
        "outputs": 1,
        "timeout": 0,
        "noerr": 0,
        "initialize": "",
        "finalize": "",
        "libs": [],
        "x": 360,
        "y": 640,
        "wires": [
            []
        ]
    }
]
```