

```
REGISTROHORAS-1
> .vscode
> build
> node_modules
services
  {} estatus.json 1
  {} permisos.json
  {} rol.json
  {} solicitud.json
  {} usuario.json
> src
  {} package-lock.json
  {} package.json
  README.md
  tsconfig.json

services > {} estatus.json > ...
1  [
2
3    {
4      "id": "1",
5      "nombreEstatus": "Activa"
6    },
7    {
8      "id": "2",
9      "nombreEstatus": "Cancelada"
10   },
11   {
12     "id": "3",
13     "nombreEstatus": ""
14   }
15 ]
```

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services > {} permisos.json > ...
1  [
2
3    {
4      "id": "1",
5      "nombrePermiso": "Consulta Solicitudes"
6    },
7    {
8      "id": "2",
9      "nombrePermiso": "Aprobacion Solicitudes"
10   },
11   {
12     "id": "3",
13     "nombrePermiso": "Creacion Solicitud"
14   }
15 ]
```

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services > {} rol.json > ...
1  [
2
3    {
4      "id": "1",
5      "nombreRol": "Aprobador",
6      "permisos" : "1,2,3"
7    },
8    {
9      "id": "2",
10     "nombre": "Solicitante",
11     "permisos" : "1,3"
12   }
13 ]
```

EXPLORER

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services > solicitud.json > ...

```
1  [
2
3      {
4          "id": "1",
5          "idUsuario": 1,
6          "semana": "1",
7          "aprobador": "2",
8          "FechaAprobacion": "2024-01-01",
9          "estatus": 1
10     },
11     {
12         "id": "2",
13         "idUsuario": 1,
14         "semana": "2",
15         "aprobador": "2",
16         "FechaAprobacion": null,
17         "estatus": 1
18     }
19 ]
```

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services > usuario.json > ...

```
1  [
2
3      {
4          "id": "1",
5          "nombre": "Eliud Carrillo",
6          "tipoRol": 1,
7          "email": "jeliudcarrillo@hotmail.com"
8      },
9      {
10         "id": "2",
11         "nombre": "Azucena Presas",
12         "tipoRol": 1,
13         "email": "azucena@hotmail.com"
14     }
15 ]
```

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package.json > ...

```
1  {
2      "name": "registrohoras",
3      "version": "1.0.0",
4      "main": "index.js",
5      "scripts": {
6          "dev": "ts-node-dev src/index.ts",
7          "start": "node build/index.js",
8          "tsc": "tsc",
9          "test": "echo \"Error: no test specified\" && exit 1"
10     },
11     "keywords": [],
12     "author": "",
13     "license": "ISC",
14     "description": "",
15     "devDependencies": {
16         "@types/express": "^4.17.21",
17         "ts-node-dev": "^2.0.0",
18         "typescript": "^5.5.4"
19     },
20     "dependencies": {
21         "express": "4.19.2"
22     }
23 }
24
```

OPEN EDITORS

REGISTROHORAS-1

vscode

build

documentacion

BuenasPracticasTypeScript.pdf

ListaRequerimientosDigitalNAO.pdf

TS prueba.ts

node\_modules

services

src

package-lock.json

package.json

README.md

tsconfig.json

OUTLINE

TIMELINE

NPM SCRIPTS

documentation > TS prueba.ts > ...  
11 enum polizaEstatus {  
12 Terminada,  
13 Cancelada  
14 }  
15  
16  
17 let estado: any = 10;  
18 estado = 19; // ID  
19 estado = 'Nuevo Leon'; // texto  
20  
21 let municipio: unknown = 10;  
22 municipio = 19001;  
23 municipio = 'Monterrey';  
24  
25 let contacto: number | String;  
26  
27 let nombre: string = "Afirme Seguros";  
28 contacto = 8114140667;  
29 let mensaje: string = `La poliza de \${nombre} es ` + poliza + " y se encuentra con estatus " + polizaEstatus.  
30 + " y fue generada en " + municipio + " , " + estado + " " + contacto;  
31  
32  
33 interface Poliza {  
34 idNumeroPoliza: number;  
35 nombreAsegurado: string;  
36 montoPrima: number;  
37 }  
38  
39 interface Inciso {  
40 numeroInciso: number;  
41 numeroSerie: number;  
42 }  
43  
44  
45 type ManagementEmployee = Poliza & Inciso;  
46 let newManager: ManagementEmployee = {  
47 idNumeroPoliza: 12345,  
48 nombreAsegurado: "Joaquín Carrillo"