



# Tenfe

## Funciones Backend

### ▼ Líneas

- Get líneas → Línea, origen, destino

To finish

```
lines::getLines
```

```
@return array with all different lines and their origin and destination
```

- Get Líneas By User → Línea

- Get líneas By User & Línea → Origen, destino

- Get líneas By estación

```
lines::getConnectionsOfStation
```

```
@param int $stationId station id
```

```
@return array with all routes where you can transfer from in a station
```

### ▼ Horarios

- Horarios by origen, destino, fecha y hora

```
routes::calculateBetweenStations
```

- Create horario (hora\_salida, origen, destino, estaciones, tiempo entre paradas)

To finish

```
schedules::createNew
```

```
@param $stationsAndTimes array with station ids and times it goes through them
```

```
@param $routeId string route id
@return bool if the schedule was created
```

- Modificar horario de salida

To finish

```
schedules::modifyDepartureTime
@param string $time the new departure time
@return bool if the departure time was modified
```

## ▼ Estaciones

- Get estaciones → Nombre, líneas estacion

```
lines::getAllStationsWithConnections
@return array with all stations and their connections
```

## ▼ Usuarios

- Get usuarios (super admin only)
- Get usuarios (rest)
- Create user (user\_data, líneas)
- DB role trigger
- Modify user

## General TODO

- Fix PK in Schedules table
- Create the create Tables with everything
- Add try/catch and error control