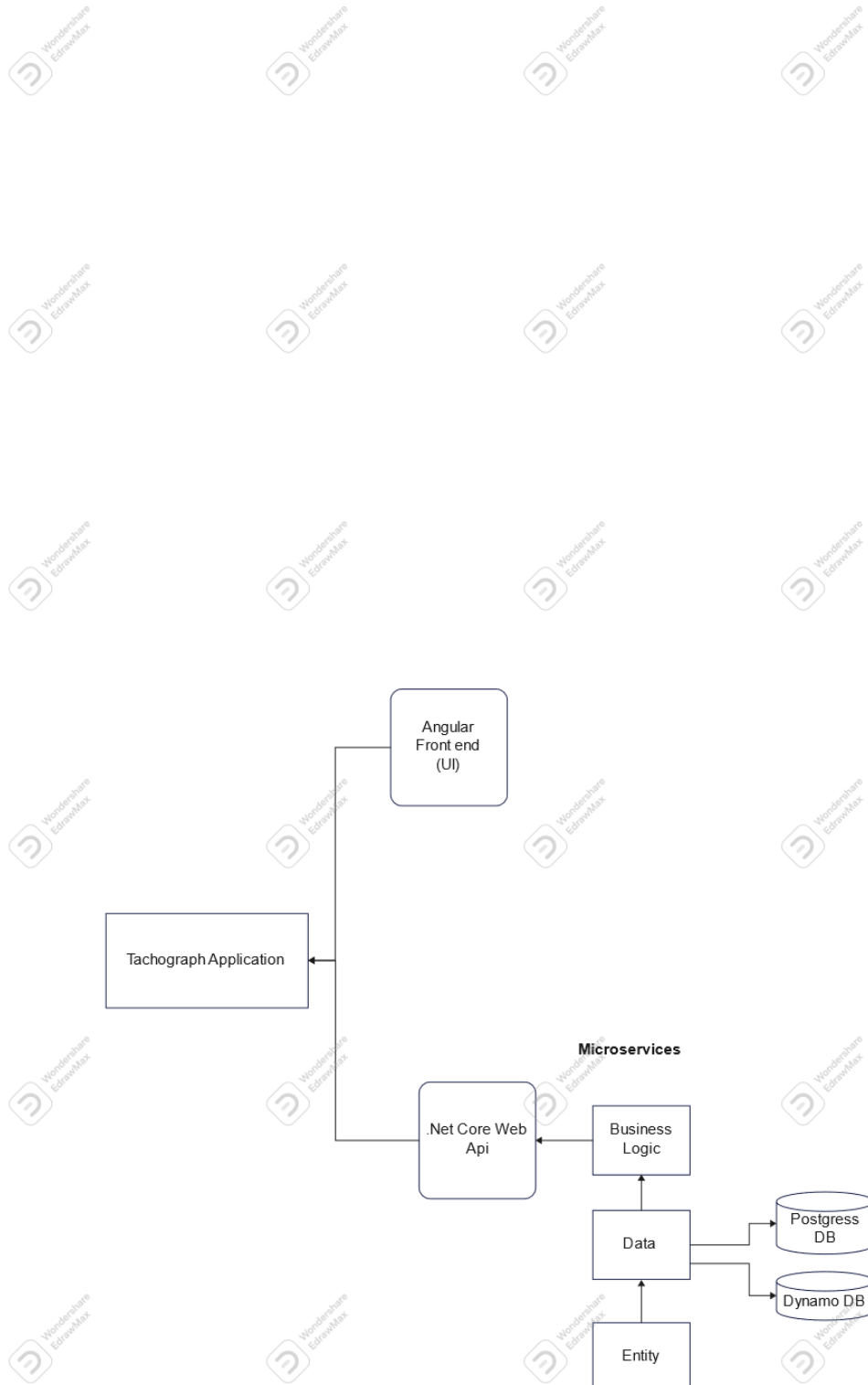


# **Tachograph System**

## System Design(Work Flow)



# Web API

Dashboard

GET

/api/Dashboard/GetDashBoarddata

```
curl -X 'GET' \
  'https://localhost:7125/api/Dashboard/GetDashBoarddata' \
  -H 'accept: text/plain'
```

Request URL

https://localhost:7125/api/Dashboard/GetDashBoarddata

Server response

Code

Details

200

Response body

```
{
  "isSuccess": true,
  "message": "",
  "data": {
    "totalDrivingTime": "1.05:30:00",
    "totalRestTime": "00:45:00",
    "exceededDriveTimeViolations": [
      {
        "driverID": "1",
        "firstName": "Test",
        "lastName": "Driver",
        "startTime": "2023-11-25T14:00:00",
        "endTime": "2023-11-25T18:30:00",
        "violationHours": "4.50"
      },
      {
        "driverID": "1",
        "firstName": "Test",
        "lastName": "Driver",
        "startTime": "2023-11-26T08:00:00",
        "endTime": "2023-11-26T20:00:00",
        "violationHours": "12.00"
      },
      {
        "driverID": "1",
        "firstName": "Test",
        "lastName": "Driver",
        "startTime": "2023-11-27T09:00:00",
        "endTime": "2023-11-27T09:00:00",
        "violationHours": "0.00"
      }
    ]
  }
}
```

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Driver

GET

/api/Driver/GetDriversList

server response

Code

Details

200

Response body

```
{
  "isSuccess": true,
  "message": "",
  "data": [
    {
      "driverId": "1",
      "firstName": "Test",
      "lastName": "Driver",
      "address": "New Town, Sweden",
      "mobileNumber": "987652455",
      "nationality": "Sweden",
      "licenseNumber": "ABC1234",
      "status": "Active"
    }
  ],
  "total": 1
}
```

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POST

/api/Driver/PostDailyDriverActivity

Parameters

Cancel

Reset

No parameters

Request body

application/json

```
{
  "startTime": "2023-11-26T22:25:10.852Z",
  "endTime": "2023-11-26T22:25:10.852Z",
  "driverID": "1",
  "activity": "Driving",
  "startRestTime": "2023-11-26T22:25:10.852Z",
  "insertedBy": "Test user"
}
```


Code

Details

200

Response body

```
{
  "isSuccess": true,
  "message": "",
  "data": "Daily driver activity saved successfully!",
  "total": 0
}
```

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Response headers