

1. /auth/signin
 - i) Method: POST
 - ii) Requirements: Two parameters: mobile number and password in req.body
 - iii) Returns: An object with properties 'msg' and 'token'. 'token' returns a JWT token.
 - iv) Usage: To get the JWT. The token must be provided in 'x-access-token' header with every request while accessing endpoints from driver's application.

2. /driver/
 - i) Method: GET
 - ii) Requirements: A x-access-token http header with valid JWT as its value.
 - iii) Returns: An object with different properties for the drivers

3. /driver/checkin
 - i) Method: POST
 - ii) Requirements: A x-access-token http header with valid JWT as its value.
 - iii) Parameters: Two parameters in req.body
 - (1) vehicleno: As a string
 - (2) start_km: A positive integer representing current meter reading
 - iv) Returns: An object with the following structure

```
{
  "checkedIn": true,
  "status": {
    "id": 21,
    "driver_id": "000034",
    "vehicleno": "HCL600",
    "start_km": "15300"
  }
}
```

4. /driver/startday
 - i) Method: PUT
 - ii) Requirements: A x-access-token http header with valid JWT as its value.
 - iii) Parameters: None
 - iv) Returns: An object with following structure

```
{
  "dayStarted": true,
  "updationInfo": {
    "fieldCount": 0,
    "affectedRows": 1,
    "insertId": 0,
    "serverStatus": 2,
    "warningCount": 0,

    "message": "(Rows matched: 1 Changed: 1 Warnings: 0",
    "protocol41": true,
    "changedRows": 1
  }
}
```

5. /driver/endday
 - i) Method: PUT
 - ii) Requirements: A x-access-token http header with valid JWT as its value.
 - iii) Parameters: One in request body
 - (1) end_km: A positive integer, it should be the current meter reading on the car

- iv) Returns:
- 6. /driver/hoursperday
 - i) Method: GET
 - ii) Requirements: A x-access-token http header with valid JWT as its value.
 - iii) Parameters: One in request body
 - (1) dayToCheckHoursFor: A date in YYYY-MM-DD format
 - iv) Returns: An array with all the entries a driver has for given day. Following is the structure. Each object has hours per day property which represents the hours the driver has worked with each check-in per day.

```
[  
  {  
    "driver_id": 34,  
    "Hours For Day": "00:27:03",  
    "Date": "2020-08-19"  
  }, ...  
]
```

- 7. /driver/takebreak
 - i) Method: POST
 - ii) Requirements: A x-access-token http header with valid JWT as its value.
 - iii) Parameters: None
 - iv) Returns. An object with following structure

```
{  
  "onBreak": true,  
  "msg": "Driver on a break"  
}
```

- 8. /driver/resumedriving
 - i) Method: PUT
 - ii) Requirements: A x-access-token http header with valid JWT as its value.
 - iii) Parameters: None
 - iv) Returns: Returns an object with following structure

```
{  
  "resumedDriving": true,  
  "result": {  
    "fieldCount": 0,  
    "affectedRows": 1,  
    "insertId": 0,  
    "serverStatus": 2,  
    "warningCount": 0,  
  
    "message": "(Rows matched: 1 Changed: 1 Warnings: 0",  
    "protocol41": true,  
    "changedRows": 1  
  }  
}
```