Platform Technical Challenge

Objective

The objective of this challenge is to create a simple REST service that will manage details of drivers for use within a hypothetical insurance service. For the purposes of this challenge, a driver record consists of the following information:

- A unique ID for the driver
- First Name
- Last Name
- Date of Birth
- Creation Date

Details of drivers should be stored in a simple flat file. You may store dates in any format you wish.

Requirements

Your service should implement the following three REST endpoints.

URL: /driver/create

An endpoint to allow new drivers to be created and stored. This should be a POST request, with a body containing a JSON object containing the driver first name, last name and date of birth in key value pairs. It should follow the format below, using these parameter names and the date format YYYY-MM-DD.

```
{
        "firstname":  "John",
        "lastname": "Smith",
        "date_of_birth": "1980-05-01"
}
```

Driver ID and creation date should be generated automatically by the service before the data is stored in the file.

URL: /drivers

A GET endpoint which returns a list of all existing drivers in JSON format

URL: /drivers/byDate?date=<date>

A GET endpoint which returns a list of all drivers created after the specified date. Again, the list should be returned in JSON format. Again, the date parameter should use the format YYYY-MM-DD.

Submission

Your submission should include all source code for the service along with instructions on how to build it and run it. You can provide this as a zip file or a tar file, or you can give us a link to a Github repository or similar. Your solution can be packaged as a runnable jar file, or as a war file to deploy into an application server. If you

choose the second option, make sure your war is compatible with Apache Tomcat. You are free to use any third-party Java framework or library you wish.