

**AUTOMATION REQUIRED FOR
PROCESS MANAGEMENT OF FLIGHT REQUIREMENTS WITHIN A COMPANY**

Functional requirements:

1. Create a PUBLIC form for flight request.
 - a. Data to be stored: name of applicant, travel date and destination.
 - b. Internally save date and time when the request is placed and the status should be NEW.
2. Create a screen to list all requests on status NEW and those should be visualized by a SUPERVISOR user. This list should be sorted from the oldest to the most recent.
3. The SUPERVISOR user will review the NEW requests and proceed to book the requests manually. Once the flight tickets has been booked (externally to the application), the supervisor will return to the application to indicate that the request is already on status RESERVED, date and time of this activity must be automatically registered.

Technical requirements

- ☐ System must be provided by Web pages
- ☐ Source code must be store in a Github/Bitbucket/Gitlab account.
- ☐ Create a README.md with:
 - ☐ All the instructions to run/test the application.
 - ☐ A brief explanation of the application architecture
- ☐ Maven must be used.
- ☐ Java 8 is required
- ☐ Front-end requires use of AngularJS, Angular, React, Ember, Vue or similar.
- ☐ PostgreSQL 9 must be used as database (Database/schema configuration must be provided)
- ☐ Test the application in Tomcat 8 o superior

Recommendations:

- ☐ The design of graphical interfaces is not fundamentally evaluated, focus on the solution approach.
- ☐ Use simple architectural design concepts
- ☐ Implement Tests (optional)
- ☐ Use of Bootstrap (optional)

Instructions:

- ☐ Send us a CONFIRMATION email to empleo@softwareevolutivo.net to confirm that you want to participate in this practical exercise.
- ☐ In order to everyone has the same opportunity, we ask you DO NOT SHARE or divulge this content; PLEASE NOTE these document is an intellectual property :) and was sent to you EXCLUSIVELY.
- ☐ You have 48 hours from now (up to two days) to send us the solution. If you finish before of that time, send us.
- ☐ Certify the application can be tested following the instructions you provide.
- ☐ Sent us a SOLUTION email to empleo@softwareevolutivo.net to notify you have finished the practical exercise and include the information about Git repository.