

Instructions

- ▶ Create a simple Rest **API Rest** deployed on the free tier of **Google Cloud Platform (GCP)**.
- ▶ Source code must be published on **Github**.

Technical constraints

- ▶ Use any framework or language to implement Rest API.
- ▶ Use any database to store data.
- ▶ Git history must reflect history implementing Rest API
- ▶ Source code and comments must be in English
- ▶ Prefer Free Tier of GCP for deployment. You can destroy servers after recruitment process.
- ▶ Use GCP **Apigee** to publish and secure your API
- ▶ Include deployment scripts as part of your source code on Github.

- ▶ Build a Rest API to manage a people list according to the following definition:

- ▶ Person:

- National Id
 - Name
 - Last Name
 - Age
 - Picture Url

- ▶ Person Json:

```
{  
  "nationalId": "12345678-9",  
  "name": "Hari",  
  "lastName": "Seldon",  
  "age": 45,  
  "originPlanet": "Helicon",  
  "pictureUrl": "https://your.picture.com/hari-seldon"  
}
```

REST API Spec

- ▶ **GET /people** -> Array with all people
- ▶ **GET /people/:nationalId** -> return a person by national id. Returns **status 404** if person is not found.
- ▶ **POST /people + json** -> Create a person based on json payload. Returns **status 201** with a json body on success. Returns **status 400** on validation error or when **"Content-Type" header** is not set as **"application/json"**. Returns **status 500** on every other error.
- ▶ **PUT /people/:id + json** -> Updates a person based on national id and a json payload. Returns **status 200** on **success**. Return **status 404** if person is not found. Returns **status 400** on validation error or when **"Content-Type" header** is not set as **"application/json"**. Returns **status 500** on every other error.
- ▶ **DELETE /people/:id** -> Deletes a person based on national id. Returns **status 200** on **success**. Return status 404 when person is not found.