**CP-DIR Exercise**

Each Employee must receive the following:

* Id – number
* firstName – String with length > 1
* lastName – String with length > 1
* teamName – String with length > 1
* titles – a list that consists of numbers representing titles:
  + 0 – CEO(type: manager)
  + 1 – SoftwareDeveloper(type: developer)
  + 2 – TeamLeader(type: manager)
  + 3 – TechnologyLeader(type: manager)
* directManager – Id of the direct manager (must exist in DB and have manager title)
* phone - number

Requests format:

Address “http://localhost:8089/api/v1”

1. Add Developer “/addDeveloper”

Body:

{

"id":"2",

"firstName":"Cheche",

"lastName":"Mongo",

"teamName":"First Team",

"titles":["1","2"],

"directManager":"1",

"phone":"1"

}

\*Titles must contain developer type title

1. Add Manager “/addManager”

Body:

{

"id":"2",

"firstName":"Cheche",

"lastName":"Mongo",

"teamName":"First Team",

"titles":["1","2"],

"directManager":"1",

"phone":"1"

}

\*Titles must contain manager type title

1. Remove Employee “/removeEmployee/{id}”
2. Edit Employee “/editEmployee/{id}”

Body:

{

"id":"2",

"firstName":"Cheche",

"lastName":"Mongo",

"teamName":"First Team",

"titles":["1","2"],

"directManager":"1",

"phone":"1"

}

\* Every field is optional, fill only the ones you want to edit

1. Reporting Employees “/reportingEmployees/{id},{order}”

order: true for ascending | false for descending

Notes:

As Gil Shwed is the CEO, after the first initiation, the following addManager request should be sent:

{

"id":"1",

"firstName":"Gil",

"lastName":"Shwed",

"teamName":"CP",

"titles":["0"],

"directManager":"1",

"phone":"123456"

}