Cognitev Hiring Process - 2019
Technical
Team
Leader
1st Phase: Technical Task

### Dear Candidate,

### Welcome to Cognitev hiring task!

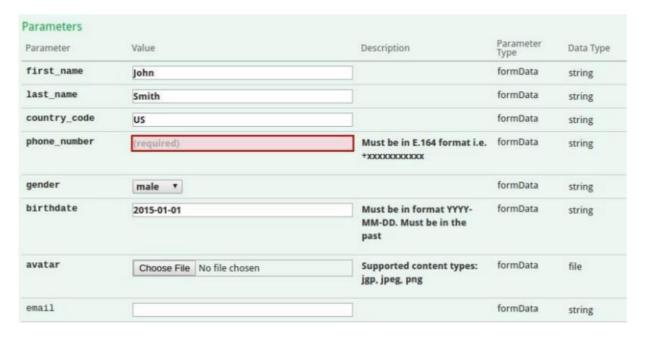
- 1. Please, attempt following tasks in sequential order.
- 2. Never share these tasks with anyone but the cognitev's hiring team within the hiring process.
- 3. Please, deliver the solution in form of an archive attached as reply to this email.
- 4. Feel free to share with us any information about how can you change the task or what would you do if you had more time to deliver the task.
- 5. If you need an extension to the task delivery submission date please, communicate this to the hiring team.
- 6. Choose whatever suitable libraries or framework you want.

## Task 1

Develop an end-point that satisfy the following requirement

## Fields:

Note: Bold Fields are required and the <u>phone number</u> field should also be validated against phone number format.



# Cognitev Hiring Process - 2019 Back-end 1st Phase: Technical Task

## **Responses:**

Example successful Response for a POST request should be as following:

```
{ "id": 1, "first_name": "Ali", "last_name": "Gamal", "country_code": "EG", "phone_number": "01001234567", "gender": "male", "birthdate": "1988-03-29" }
```

Failing should be formatted as following:

```
{ "error": "blank" } ], "last_name": [ { "error": "blank" } ], "last_name": [ { "error": "blank" } ], "country_code": [ { "error": "inclusion" } ], "phone_number": [ { "error": "blank" }, { "error": "not_a_number" }, { "error": "not_exist" }, { "error": "invalid" }, { "error": "taken" }, { "error": "too_short", "count": 10 }, { "error": "too_long", "count": 15 } ], "gender": [ { "error": "inclusion" } ], "birthdate": [ { "error": "blank" }, { "error": "in_the_future" } ], "avatar": [ { "error": "blank" }, { "error": "invalid_content_type" } ], "email": [ { "error": "taken" }, { "error": "invalid" } ] } }
```

Note: HTTP status code is 201 if new user else the suitable http status code should be returned.

# Task 2

Create a new end-point to accept <u>password</u> and <u>phone number</u> and return unique **auth-token** along with the response upon success.

Cognitev Hiring Process – 2019

Back-end

1<sup>st</sup> Phase:

Technical Task

# Task 3

Based on Task1 and 2, Develop an end-point that accepts following fields in POST request:

- 1. phone\_number \*
- 2. auth-token \*
- 3. status \*

### Response:

- 1. Successful response should create a status object linked to the user object
- 2. Failing request can be either <u>unauthorized request</u> or <u>bad request</u> based on auth-token/phone number combination.