

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 phone number field should also be validated against phone number format.

Parameters				
Parameter	Value	Description	Parameter Type	Data Type
first_name	<input type="text" value="John"/>		formData	string
last_name	<input type="text" value="Smith"/>		formData	string
country_code	<input type="text" value="US"/>		formData	string
phone_number	<input type="text" value="(required)"/>	Must be in E.164 format i.e. +xxxxxxxxxxx	formData	string
gender	<input type="text" value="male"/>		formData	string
birthdate	<input type="text" value="2015-01-01"/>	Must be in format YYYY-MM-DD. Must be in the past	formData	string
avatar	<input type="button" value="Choose File"/> No file chosen	Supported content types: jpg, jpeg, png	formData	file
email	<input type="text"/>		formData	string

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Back-end

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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:

```
{ "errors": { "first_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 password and phone number and return unique **auth-token** along with the response upon success.

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Back-end

1st Phase:

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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 unauthorized request or bad request based on auth-token/phone number combination.