

# Android Coding Task

Please implement the story below. The code will be used as a basis of discussion on the next step of the interview with the current Android developers.

There is also other stuff like login, but just keep it to the bare minimum (in the sense that you can get an access token, and username password is hardcoded).

The test account you can use is:

androidChallenge@vivvy.com

8888888888

and here is an example request in curl to get an access token.

```
curl -d "username=androidChallenge@vivvy.com&password=88888888" --header
"Content-Type: application/x-www-form-urlencoded" --header "Accept:
application/json" --header "Authorization: Basic
aXBob25lOmlwaG9uZXdpbGxub3RiZXRoZXJlYW55bW9yZQ==" -X POST
"https://auth.staging.vivvy.com/oauth/token?grant_type=password"
```

and here is an example request to search for doctor

```
curl --header "Accept: application/json" --header "Authorization: Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ1c2VyX25hbWUiOiJhbmRyb2lkQ2h0bGxlbmd1 QHZpdnkuY29tIiwic3R5cGUOiJVU0VSIiwic2NvcGUiOiI0IiwiaWF0IjE5MTE1MTE1NDh1N S0wNzmxLTQ3ZWVtODAyNC03YzFjYU1hZWQzMjc1LCJleHAiOiJlNTM3OTA2OTcsImp0aSI6ImRiM2 ZlZWRkLWQwMzctNDFmZC04ODQxLTc1Zjg0MjM5MTE1NiIsImNsaWVudF9pZCI6ImIwaG9uZSJ9.i5 JB57MCB6ex_AVToyamTNq2onFe6zW1QOMFqSJZZBQ" -X GET "https://api.staging.vivy.com/api/users/me/doctors?search=Fritzhof&lat=52.534 709&lng=13.3976972"
```

## Search for doctor

As a user, I want to be able to search for a doctor using text, and it should also deliver result which are relevant in accordance to my current position.

## Technical Details

The endpoint for searching for doctor near location:

<https://petstore.swagger.io/?url=https://api.staging.vivy.com/v2/api-docs#/doctor-api/searchDoctorUsingGET>

The endpoint for getting picture based on pictureId:

[https://petstore.swagger.io/?url=https://api.staging.vivy.com/v2/api-docs#/doctor-profile-api/getProfilePictureUsingGET\\_1](https://petstore.swagger.io/?url=https://api.staging.vivy.com/v2/api-docs#/doctor-profile-api/getProfilePictureUsingGET_1)

### **Acceptance Criteria**

- After logging in, there should be a search bar in which I can do a text search of doctors. The doctor should be considerable nearby. If I am in Berlin, there should be no doctor in München. (This should be taken care by the api already.)
- I should get the result in a list, which shows me the name of the doctor, the address, and the photo of the place (if exist)
- As I scroll to the bottom, more results should be added until there are no more results left