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# User Service Documentation

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SOON\_

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User service is Django app handles user authentication and authorization with 3rd party services i.e. Facebook, Google, Instagram and Twitter.



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## Dev packages:

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### 1.1 Userservice

User service is Django app handles user authentication and authorization with 3rd party services i.e. Facebook, Google, Instagram and Twitter.

#### 1.1.1 userservice.app package

##### Subpackages

**userservice.app.tests package**

##### Submodules

**userservice.app.tests.test\_signup module**

##### Module contents

##### Submodules

**userservice.app.adapter module**

**userservice.app.admin module**

**userservice.app.sdk module**

```
class userservice.app.sdk.EmailService (obj)
    Bases: object
    Abstract method for sending emails
    prepare_payload ()
        Parse self.obj to another object which is understandable for an email service
    send ()
        Send a request to an email service
```

```
class userservice.app.sdk.VerificationEmail(obj)
    Bases: userservice.app.sdk.EmailService
    set_body(object)
```

### userservice.app.views module

#### Module contents

#### 1.1.2 Settings

##### Base

This module is based and should not be used directly. It's intended to load middlewares, installed apps, configure another module like Django REST framework, etc.

##### Development

Used for local testing. Module shouldn't use any external services like storages or shared cached.

##### QA

Used for QA the module is most similar to production environment.

##### Test

Used for testing - no cache, simple password hashing, temporary file as media root, ...



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**Api docs:**

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## 2.1 Api docs

The user service uses *django-allauth* and *django-rest-auth*. All **endpoints** are generated by *django-rest-auth* and some additional logic is applied.

The api uri is *api/v1/* and only one oauth prvider is exposed as default *api/v1/facebook*

### 2.1.1 Examples

Getting user details without authorization token:

```
http http://localdocker:8000/api/v1/user/

HTTP/1.0 401 UNAUTHORIZED
Allow: GET, PUT, PATCH, HEAD, OPTIONS
Content-Type: application/json
Date: Tue, 13 Oct 2015 16:08:37 GMT
Server: WSGIServer/0.1 Python/2.7.10
Vary: Accept
WWW-Authenticate: Token
X-Frame-Options: SAMEORIGIN

{
  "detail": "Authentication credentials were not provided."
}
```

Send the same request but with valid authorization token:

```
http http://localdocker:8000/api/v1/user/ "Authorization: Token 04ad1f8c93bfbdd70ad21bfff1ba8c21

HTTP/1.0 200 OK
Allow: GET, PUT, PATCH, HEAD, OPTIONS
Content-Type: application/json
Date: Tue, 13 Oct 2015 16:07:39 GMT
Server: WSGIServer/0.1 Python/2.7.10
Vary: Accept
X-Frame-Options: SAMEORIGIN

{
  "email": "user@mail.com",
  "first_name": "user",
}
```

```
"last_name": "user",  
"username": "user"  
}
```

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