

## REST API

Endpoint: /api/registration

Метод: POST

- Тело запроса

```
{  
    firstName: string, required, [A-Za-z-]{2-50};  
    lastName: string, required, [A-Za-z-]{2-50};  
    username: string, required, [A-Za-z-]{2-50};  
    password: string, required,  
    (?=.*[0-9])(?=.*[A-Z])(?=.*[a-z])(?=.*[!@#$%^&*])[A-Za-z0-9!@#$%^&*]{8,};  
    recapchaToken: string, required;  
}
```

- Тело ответа (HTTP 200)

```
{  
    success: boolean, required;  
    message: string, required;  
    userId: UUID;  
}
```

- Тело ответа (HTTP 4xx/5xx)

```
{  
    success: boolean, required;  
    error: {  
        code: string, required;  
        message: string, required;  
    }  
    timestamp: string, required;  
}
```

- Список ошибок

400 error.code: VALIDATION\_ERROR error.message:"Invalid input data"

400 error.code: VALIDATION\_ERROR error.message:"Password must have at least one non alphabetic character, one digit, one uppercase, one lowercase and must be eight characters length"

400 error.code: INVALID\_CAPTCHA error.message:"Please verify reCaptcha to register"

400 error.code: MISSING\_ERROR error.message:"reCaptcha token is required"

409 error.code: USER\_EXISTS error.message:"User exists!"

500 error.code: SERVER\_ERROR error.message:"Internal server error"

- Пример запроса

POST /api/register HTTP/1.1

Host: demoqa.com

Content-Type: application/json

```
{  
    "firstName": "Ivan",  
    "lastName": "Ivanov",  
    "username": "ivan",  
    "password": "SecurePass123!",  
    "reaptchaToken": "03AGdBq25YLH-yC_63jRzFH4Y...Uj2CJKIWbqJh5u01cK8B6ttqR0v..."  
}
```

- Пример успешного ответа

HTTP/1.1 200 OK

Content-Type: application/json

```
{  
    "success": true,  
    "message": "User registered successfully",  
    "userId": "123e4567-e89b-12d3-a456-426655440000",  
    "timestamp": "2026-01-03T14:30:00Z"  
}
```

- Пример ответа при ошибке

HTTP/1.1 400 Bad Request

Content-Type: application/json

```
{  
    "success": false,  
    "error": {  
        "code": "INVALID_CAPTCHA",  
        "message": "Please verify reCaptcha to register!"  
    },  
    "timestamp": "2026-01-03T14:31:01Z"  
}
```