

Package com.mapmyjourney.backend.controller

## Class UserController

java.lang.Object  
com.mapmyjourney.backend.controller.UserController

```
@RestController
@RequestMapping("/users")
public class UserController
extends Object
```

Controlador REST para gestionar usuarios.

### Constructor Summary

#### Constructors

##### Constructor

##### Description

`UserController()`

### Method Summary

#### All Methods

#### Instance Methods

#### Concrete Methods

##### Modifier and Type

##### Method

##### Description

`org.springframework.http.ResponseEntity<Void>`

`deleteUser(Long userId)`

7.

`org.springframework.http.ResponseEntity<UserDTO>`

`getUserByEmail(String email)`

4.

`org.springframework.http.ResponseEntity<UserDTO>`

`getUserById(Long userId)`

3.

`org.springframework.http.ResponseEntity<LoginResponseDTO>`

`login(LoginRequestDTO request)`

2.

`org.springframework.http.ResponseEntity<LoginResponseDTO>`

`registerUser(@Valid UserCreateRequestDTO request)`

1.

`org.springframework.http.ResponseEntity<UserDTO>`

`updateUser(Long userId, @Valid UserCreateRequestDTO request)`

5.

`org.springframework.http.ResponseEntity<UserDTO>`

`updateUserProfile(Long userId, UserUpdateRequestDTO request)`

6.

Methods inherited from class `java.lang.Object`

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait
```

## Constructor Details

### UserController

```
public UserController()
```

## Method Details

### registerUser

```
@PostMapping("/register")
@CrossOrigin(origins={"https://mapmyjourney-
4w93.onrender.com","http://localhost:4200","http://localhost:3000"})
public org.springframework.http.ResponseEntity<LoginResponseDTO> registerUser
(@Valid @RequestBody
@Valid UserCreateRequestDTO request)
```

1. Registra un nuevo usuario. POST /api/users/register

### login

```
@PostMapping("/login")
public org.springframework.http.ResponseEntity<LoginResponseDTO> login(@RequestBody
LoginRequestDTO request)
```

2. Inicia sesión con email y contraseña. POST /api/users/login

### getUserById

```
@GetMapping("/{userId}")
@PreAuthorize("hasRole('USER')")
public org.springframework.http.ResponseEntity<UserDTO> getUserById(@PathVariable
Long userId)
```

3. Obtiene un usuario por ID. GET /api/users/{userId}

### getUserByEmail

```
@GetMapping("/email/{email}")
@PreAuthorize("hasRole('USER')")
public org.springframework.http.ResponseEntity<UserDTO> getUserByEmail(@PathVariable
String email)
```

4. Obtiene un usuario por email. GET /api/users/email/{email}

### updateUser

```
@PutMapping("/{userId}")
@PreAuthorize("hasRole('USER')")
public org.springframework.http.ResponseEntity<UserDTO> updateUser(@PathVariable
Long userId,
@Valid @RequestBody
@Valid UserCreateRequestDTO request)
```

5. Actualiza un usuario existente. PUT /api/users/{userId}

### updateUserProfile

```
@PutMapping("/{userId}/profile")
@PreAuthorize("hasRole('USER')")
```

```
public org.springframework.http.ResponseEntity<UserDTO> updateUserProfile(@PathVariable  
    Long userId,  
    @RequestBody  
    UserUpdateRequestDTO request)
```

6. Actualiza el perfil del usuario (versión flexible). PUT /api/users/{userId}/profile

## deleteUser

```
@DeleteMapping("/{userId}")  
@PreAuthorize("hasRole('ADMIN')")  
public org.springframework.http.ResponseEntity<Void> deleteUser(@PathVariable  
    Long userId)
```

7. Elimina un usuario. DELETE /api/users/{userId}