

Package com.mapmyjourney.backend.controller

## Class ExpenseSplitController

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

```
@RestController
@RequestMapping("/expenses")
public class ExpenseSplitController
extends Object
```

Controlador REST para gestionar divisiones de gastos.

### Constructor Summary

#### Constructors

##### Constructor

##### Description

ExpenseSplitController()

### Method Summary

#### All Methods

#### Instance Methods

#### Concrete Methods

##### Modifier and Type

##### Method

##### Description

```
org.springframework.http.ResponseEntity<ExpenseSplitDTO>
createSplit(Long expenseId, @Valid CreateSplitRequestDTO request)
```

1.

```
org.springframework.http.ResponseEntity<Void>
deleteSplit(Long expenseId, Long splitId)
```

6.

```
org.springframework.http.ResponseEntity<List<ExpenseSplitDTO>>
getExpenseSplits(Long expenseId)
```

2.

```
org.springframework.http.ResponseEntity<ExpenseSplitDTO>
getSplit(Long expenseId, Long splitId)
```

3.

```
org.springframework.http.ResponseEntity<BigDecimal>
 getTotalPendingDebt(Long userId)
```

8.

```
org.springframework.http.ResponseEntity<List<ExpenseSplitDTO>>
getUserPendingDebts(Long userId)
```

7.

```
org.springframework.http.ResponseEntity<ExpenseSplitDTO>
markSplitAsPaid(Long expenseId, Long splitId)
```

4.

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

```
markSplitAsUnpaid(Long expenseId, Long splitId)
```

5.

#### Methods inherited from class java.lang.Object

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

### Constructor Details

#### ExpenseSplitController

```
public ExpenseSplitController()
```

### Method Details

#### createSplit

```
@PreAuthorize("hasRole('USER')")
@PostMapping("/{expenseId}/splits")
public org.springframework.http.ResponseEntity<ExpenseSplitDTO> createSplit
(@PathVariable
 Long expenseId,
 @Valid @RequestBody
 @Valid CreateSplitRequestDTO request)
```

1. Crea una nueva división de gasto. POST /api/expenses/{expenseId}/splits

#### getExpenseSplits

```
@PreAuthorize("hasRole('USER')")
@GetMapping("/{expenseId}/splits")
public org.springframework.http.ResponseEntity<List<ExpenseSplitDTO>> getExpenseSplits(@PathVariable
 Long expenseId)
```

2. Obtiene todas las divisiones de un gasto. GET /api/expenses/{expenseId}/splits

#### getSplit

```
@PreAuthorize("hasRole('USER')")
@GetMapping("/{expenseId}/splits/{splitId}")
public org.springframework.http.ResponseEntity<ExpenseSplitDTO> getSplit(@PathVariable
 Long expenseId,
 @PathVariable
 Long splitId)
```

3. Obtiene una división específica. GET /api/expenses/{expenseId}/splits/{splitId}

#### markSplitAsPaid

```
@PreAuthorize("hasRole('USER')")
@PutMapping("/{expenseId}/splits/{splitId}/pay")
public org.springframework.http.ResponseEntity<ExpenseSplitDTO> markSplitAsPaid(@PathVariable
 Long expenseId,
 @PathVariable
 Long splitId)
```

4. Marca una división como pagada. PUT /api/expenses/{expenseId}/splits/{splitId}/pay

#### markSplitAsUnpaid

```
@PreAuthorize("hasRole('USER')")
@PutMapping("/{expenseId}/splits/{splitId}/unpay")
```

```
public org.springframework.http.ResponseEntity<ExpenseSplitDTO> markSplitAsUnpaid(@PathVariable  
                                         Long expenseId,  
                                         @PathVariable  
                                         Long splitId)
```

5. Marca una división como no pagada. PUT /api/expenses/{expenseId}/splits/{splitId}/unpay

### deleteSplit

```
@PreAuthorize("hasRole('USER')")  
@DeleteMapping("/{expenseId}/splits/{splitId}")  
public org.springframework.http.ResponseEntity<Void> deleteSplit(@PathVariable  
                                         Long expenseId,  
                                         @PathVariable  
                                         Long splitId)
```

6. Elimina una división de gasto. DELETE /api/expenses/{expenseId}/splits/{splitId}

### getUserPendingDebts

```
@PreAuthorize("hasRole('USER')")  
@GetMapping("/users/{userId}/pending-debts")  
public org.springframework.http.ResponseEntity<List<ExpenseSplitDTO>> getUserPendingDebts(@PathVariable  
                                         Long userId)
```

7. Obtiene las deudas pendientes de un usuario. GET /api/users/{userId}/pending-debts

### getTotalPendingDebt

```
@PreAuthorize("hasRole('USER')")  
GetMapping("/users/{userId}/total-debt")  
public org.springframework.http.ResponseEntity<BigDecimal> getTotalPendingDebt(@PathVariable  
                                         Long userId)
```

8. Calcula la deuda total de un usuario. GET /api/users/{userId}/total-debt