

**Package** com.mapmyjourney.backend.controller

## Class ExpenseSplitController

java.lang.Object<sup>↗</sup>  
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 <sup>↗</sup> expenseId, @Valid CreateSplitRequestDTO request)	1.
org.springframework.http.ResponseEntity<Void <sup>↗</sup> >	deleteSplit(Long <sup>↗</sup> expenseId, Long <sup>↗</sup> splitId)	6.
org.springframework.http.ResponseEntity<List <sup>↗</sup> <ExpenseSplitDTO>>	getExpenseSplits(Long <sup>↗</sup> expenseId)	2.
org.springframework.http.ResponseEntity<ExpenseSplitDTO>	getSplit(Long <sup>↗</sup> expenseId, Long <sup>↗</sup> splitId)	3.
org.springframework.http.ResponseEntity<BigDecimal <sup>↗</sup> >	getTotalPendingDebt(Long <sup>↗</sup> userId)	8.
org.springframework.http.ResponseEntity<List <sup>↗</sup> <ExpenseSplitDTO>>	getUserPendingDebts(Long <sup>↗</sup> userId)	7.
org.springframework.http.ResponseEntity<ExpenseSplitDTO>	markSplitAsPaid(Long <sup>↗</sup> expenseId, Long <sup>↗</sup> 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