

**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<ExpenseSplitDT0>		
createSplit(Long <sup>↗</sup> expenseId, @Valid CreateSplitRequestDT0 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> <ExpenseSplitDT0>>		
getExpenseSplits(Long <sup>↗</sup> expenseId)		
2.		
org.springframework.http.ResponseEntity<ExpenseSplitDT0>		
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> <ExpenseSplitDT0>>		
getUserPendingDebts(Long <sup>↗</sup> userId)		
7.		
org.springframework.http.ResponseEntity<ExpenseSplitDT0>		
markSplitAsPaid(Long <sup>↗</sup> expenseId, Long <sup>↗</sup> splitId)		
4.		
org.springframework.http.ResponseEntity<ExpenseSplitDT0>		

```
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