

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