

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