

Package com.mapmyjourney.backend.controller

Class ExpenseController

java.lang.Object[↗]
com.mapmyjourney.backend.controller.ExpenseController

```
@RestController
@RequestMapping("/api/trips/{tripId}/expenses")
public class ExpenseController
extends Object↗
```

Controlador REST para gestionar gastos en viajes.

Constructor Summary

Constructors
Constructor
Description
ExpenseController()

Method Summary

All Methods	Instance Methods	Concrete Methods
Modifier and Type		
Method		
Description		
org.springframework.http.ResponseEntity<ExpenseDT0>		
createExpense(Long [↗] tripId, @Valid ExpenseCreateRequestDT0 request)		
1.		
org.springframework.http.ResponseEntity<Void [↗] >		
deleteExpense(Long [↗] tripId, Long [↗] expenseId)		
5.		
org.springframework.http.ResponseEntity<ExpenseDT0>		
getExpense(Long [↗] tripId, Long [↗] expenseId)		
3.		
org.springframework.http.ResponseEntity<List [↗] <ExpenseDT0>>		
getTripExpenses(Long [↗] tripId, int page, int size)		
2.		
org.springframework.http.ResponseEntity<ExpenseDT0>		
updateExpense(Long [↗] tripId, Long [↗] expenseId, @Valid ExpenseCreateRequestDT0 request)		
4.		
Methods inherited from class java.lang.Object [↗]		
clone [↗] , equals [↗] , finalize [↗] , getClass [↗] , hashCode [↗] , notify [↗] , notifyAll [↗] , toString [↗] , wait [↗] , wait [↗] , wait [↗]		

Constructor Details

ExpenseController
public ExpenseController()

Method Details

createExpense

```
@PostMapping
@PreAuthorize("hasRole('\\USER\\')")
public org.springframework.http.ResponseEntity<ExpenseDTO> createExpense
(@PathVariable
 Long tripId,
 @Valid
 @Valid ExpenseCreateRequestDTO request)
```

1. Crea un nuevo gasto en el viaje. POST /api/trips/{tripId}/expenses

getTripExpenses

```
@GetMapping
@PreAuthorize("hasRole('\\USER\\')")
public org.springframework.http.ResponseEntity<List<ExpenseDTO>> getTripExpenses
(@PathVariable
 Long tripId,
 @RequestParam(defaultValue="0")
 int page,
 @RequestParam(defaultValue="20")
 int size)
```

2. Obtiene todos los gastos del viaje (con paginación). GET /api/trips/{tripId}/expenses?
page=0&size=20&sort=expenseDate,desc

getExpense

```
@GetMapping("/{expenseId}")
@PreAuthorize("hasRole('\\USER\\')")
public org.springframework.http.ResponseEntity<ExpenseDTO> getExpense(@PathVariable
                                                                    Long tripId,
                                                                    @PathVariable
                                                                    Long expenseId)
```

3. Obtiene un gasto por ID. GET /api/trips/{tripId}/expenses/{expenseId}

updateExpense

```
@PutMapping("/{expenseId}")
@PreAuthorize("hasRole('\\USER\\')")
public org.springframework.http.ResponseEntity<ExpenseDTO> updateExpense
(@PathVariable
 Long tripId,
 @PathVariable
 Long expenseId,
 @Valid
 @Valid ExpenseCreateRequestDTO request)
```

4. Actualiza un gasto. PUT /api/trips/{tripId}/expenses/{expenseId} Solo quien lo pagó puede actualizarlo.

deleteExpense

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

5. Elimina un gasto. DELETE /api/trips/{tripId}/expenses/{expenseId} Solo quien lo pagó puede eliminarlo.

