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Configura CORS para permitir solicitudes desde el frontend en localhost:4200.

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CustomUserDetailsService - Class in com.mapmyjourney.backend.security

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CustomUserDetailsService() - Constructor for class com.mapmyjourney.backend.security.CustomUserDetailsService

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daoAuthenticationProvider() - Method in class com.mapmyjourney.backend.security.SecurityConfig

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DatabaseSeeder - Class in com.mapmyjourney.backend.config

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DatabaseSeeder(JdbcTemplate, DataSource) - Constructor for class com.mapmyjourney.backend.config.DatabaseSeeder

deleteExpense(Long, Long) - Method in class com.mapmyjourney.backend.controller.ExpenseController

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doFilterInternal(HttpServletRequest, HttpServletResponse, FilterChain) - Method in class com.mapmyjourney.backend.security.JwtAuthenticationFilter

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Excepción para operaciones duplicadas (ej: usuario ya existe).

DuplicateResourceException(String) - Constructor for exception class

com.mapmyjourney.backend.exception.DuplicateResourceException

DuplicateResourceException(String, Throwable) - Constructor for exception class

com.mapmyjourney.backend.exception.DuplicateResourceException

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EDITOR - Enum constant in enum class com.mapmyjourney.backend.model.enums.TripMemberRole

EQUAL - Enum constant in enum class com.mapmyjourney.backend.model.enums.ExpenseSplitType

ErrorResponseDTO - Class in com.mapmyjourney.backend.dto

DTO para respuestas de error de la API.

ErrorResponseDTO() - Constructor for class com.mapmyjourney.backend.dto.ErrorResponseDTO

existsByEmail(String) - Method in interface com.mapmyjourney.backend.repository.UserRepository

Verifica si existe un usuario con ese email.

Expense - Class in `com.mapmyjourney.backend.model`

Entidad que representa un gasto en un viaje.

Expense() - Constructor for class `com.mapmyjourney.backend.model.Expense`

ExpenseController - Class in `com.mapmyjourney.backend.controller`

Controlador REST para gestionar gastos en viajes.

ExpenseController() - Constructor for class `com.mapmyjourney.backend.controller.ExpenseController`

ExpenseCreateRequestDTO - Class in `com.mapmyjourney.backend.dto`

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ExpenseCreateRequestDTO() - Constructor for class `com.mapmyjourney.backend.dto.ExpenseCreateRequestDTO`

ExpenseDTO - Class in `com.mapmyjourney.backend.dto`

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ExpenseDTO() - Constructor for class `com.mapmyjourney.backend.dto.ExpenseDTO`

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ExpenseService - Class in `com.mapmyjourney.backend.service`

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ExpenseSplit() - Constructor for class `com.mapmyjourney.backend.model.ExpenseSplit`

ExpenseSplitController - Class in `com.mapmyjourney.backend.controller`

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ExpenseSplitController() - Constructor for class `com.mapmyjourney.backend.controller.ExpenseSplitController`

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ExpenseSplitDTO() - Constructor for class `com.mapmyjourney.backend.dto.ExpenseSplitDTO`

ExpenseSplitRepository - Interface in `com.mapmyjourney.backend.repository`

ExpenseSplitService - Class in `com.mapmyjourney.backend.service`

Servicio para gestionar las divisiones de gastos.

ExpenseSplitService() - Constructor for class `com.mapmyjourney.backend.service.ExpenseSplitService`

ExpenseSplitType - Enum Class in `com.mapmyjourney.backend.model.enums`

Enum que define cómo se divide un gasto entre los participantes.

extractEmail(String) - Method in class `com.mapmyjourney.backend.security.JwtTokenProvider`

Extrae el email del token JWT.

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filterChain(HttpSecurity) - Method in class `com.mapmyjourney.backend.security.SecurityConfig`

Configura la cadena de filtros de seguridad HTTP.

findAllByTripId(Long) - Method in interface `com.mapmyjourney.backend.repository.TripMemberRepository`

Obtiene todos los miembros de un viaje.

findAllByUserId(Long) - Method in interface `com.mapmyjourney.backend.repository.TripRepository`

Obtiene todos los viajes donde el usuario es miembro.

findByEmail(String) - Method in interface `com.mapmyjourney.backend.repository.UserRepository`

Busca un usuario por su email.

findByIdExpenseId(Long) - Method in interface `com.mapmyjourney.backend.repository.ExpenseSplitRepository`

Obtiene todas las divisiones de un gasto.

findByParticipantIdAndPaidFalse(Long) - Method in interface `com.mapmyjourney.backend.repository.ExpenseSplitRepository`

Obtiene todas las divisiones no pagadas de un usuario.

findByTripCode(String) - Method in interface `com.mapmyjourney.backend.repository.TripRepository`

Busca un viaje por su código único (para invitaciones).

findByTripId(Long) - Method in interface `com.mapmyjourney.backend.repository.ExpenseRepository`

Obtiene todos los gastos de un viaje.

findByTripIdAndUserId(Long, Long) - Method in interface `com.mapmyjourney.backend.repository.TripMemberRepository`

Obtiene el rol de un usuario en un viaje.

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generateToken(String) - Method in class `com.mapmyjourney.backend.security.JwtTokenProvider`

Genera un token JWT para el email proporcionado.

generateToken(Authentication) - Method in class `com.mapmyjourney.backend.security.JwtTokenProvider`

Genera un token JWT a partir de una Authentication.

getBudget() - Method in class `com.mapmyjourney.backend.dto.TripCreateRequestDTO`

getDescription() - Method in class `com.mapmyjourney.backend.dto.TripCreateRequestDTO`

getDescription() - Method in enum class `com.mapmyjourney.backend.model.enums.TripMemberRole`

getDestination() - Method in class com.mapmyjourney.backend.dto.TripCreateRequestDTO

getDisplayName() - Method in enum class com.mapmyjourney.backend.model.enums.ExpenseSplitType

getDisplayName() - Method in enum class com.mapmyjourney.backend.model.enums.UserRole

getEmail() - Method in class com.mapmyjourney.backend.dto.LoginRequestDTO

getEmail() - Method in class com.mapmyjourney.backend.dto.UserCreateRequestDTO

getEndDate() - Method in class com.mapmyjourney.backend.dto.TripCreateRequestDTO

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getExpenseSplits(Long) - Method in class com.mapmyjourney.backend.controller.ExpenseSplitController
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getExpenseSplits(Long) - Method in class com.mapmyjourney.backend.service.ExpenseSplitService
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getExpirationTime() - Method in class com.mapmyjourney.backend.security.JwtTokenProvider
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getMember(Long, Long) - Method in class com.mapmyjourney.backend.controller.TripMemberController
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getMember(Long, Long) - Method in class com.mapmyjourney.backend.service.TripMemberService
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getMyTrips(int, int) - Method in class com.mapmyjourney.backend.controller.TripController
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getName() - Method in class com.mapmyjourney.backend.dto.UserCreateRequestDTO

getPassword() - Method in class com.mapmyjourney.backend.dto.LoginRequestDTO

getPassword() - Method in class com.mapmyjourney.backend.dto.UserCreateRequestDTO

getSplit(Long) - Method in class com.mapmyjourney.backend.service.ExpenseSplitService
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getSplit(Long, Long) - Method in class com.mapmyjourney.backend.controller.ExpenseSplitController
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getStartDate() - Method in class com.mapmyjourney.backend.dto.TripCreateRequestDTO

getTitle() - Method in class com.mapmyjourney.backend.dto.TripCreateRequestDTO

getTotalPendingDebt(Long) - Method in class com.mapmyjourney.backend.controller.ExpenseSplitController
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getTotalPendingDebt(Long) - Method in class com.mapmyjourney.backend.service.ExpenseSplitService
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getTotalSplits() - Method in class com.mapmyjourney.backend.model.Expense
Calcula el total de los splits.

getTripByCode(String) - Method in class com.mapmyjourney.backend.controller.TripController
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getTripByCode(String) - Method in class com.mapmyjourney.backend.service.TripService
Obtiene un viaje por su código (para invitaciones).

getTripById(Long) - Method in class com.mapmyjourney.backend.controller.TripController
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getTripById(Long) - Method in class com.mapmyjourney.backend.service.TripService
Obtiene un viaje por ID.

getTripExpenses(Long) - Method in class com.mapmyjourney.backend.service.ExpenseService
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getTripExpenses(Long, int, int) - Method in class com.mapmyjourney.backend.controller.ExpenseController
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getTripMembers(Long) - Method in class com.mapmyjourney.backend.controller.TripMemberController
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getTripMembers(Long) - Method in class com.mapmyjourney.backend.service.TripMemberService
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getUserByEmail(String) - Method in class com.mapmyjourney.backend.controller.UserController
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getUserByEmail(String) - Method in class com.mapmyjourney.backend.service.UserService
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getUserById(Long) - Method in class com.mapmyjourney.backend.controller.UserController
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getUserById(Long) - Method in class com.mapmyjourney.backend.service.UserService
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getUserByEmail(String) - Method in class com.mapmyjourney.backend.service.UserService
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getUserPendingDebts(Long) - Method in class com.mapmyjourney.backend.controller.ExpenseSplitController

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getUserPendingDebts(Long) - Method in class com.mapmyjourney.backend.service.ExpenseSplitService

Obtiene todas las deudas pendientes de un usuario.

getUserTrips(Long) - Method in class com.mapmyjourney.backend.service.TripService

Obtiene todos los viajes del usuario.

GlobalExceptionHandler - Class in com.mapmyjourney.backend.config

Manejador global de excepciones para la API REST.

GlobalExceptionHandler() - Constructor for class com.mapmyjourney.backend.config.GlobalExceptionHandler

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handleAccessDenied(AccessDeniedException) - Method in class com.mapmyjourney.backend.config.GlobalExceptionHandler

Maneja excepciones de acceso denegado (403).

handleAuthenticationException(AuthenticationException) - Method in class com.mapmyjourney.backend.config.GlobalExceptionHandler

Maneja excepciones generales de autenticación (401).

handleBadCredentials(BadCredentialsException) - Method in class com.mapmyjourney.backend.config.GlobalExceptionHandler

Maneja excepciones de credenciales inválidas (401).

handleDuplicateResource(DuplicateResourceException) - Method in class com.mapmyjourney.backend.config.GlobalExceptionHandler

Maneja excepciones de recurso duplicado (409).

handleGeneralException(Exception) - Method in class com.mapmyjourney.backend.config.GlobalExceptionHandler

Maneja todas las excepciones no capturadas (500).

handleResourceNotFoundException(ResourceNotFoundException) - Method in class com.mapmyjourney.backend.config.GlobalExceptionHandler

Maneja excepciones de recurso no encontrado (404).

handleValidationException(ValidationException) - Method in class com.mapmyjourney.backend.config.GlobalExceptionHandler

Maneja excepciones de validación.

handleValidationExceptions(MethodArgumentNotValidException) - Method in class com.mapmyjourney.backend.config.GlobalExceptionHandler

Maneja excepciones de validación de argumentos (ej: @Valid fallido).

hasPermission(TripMemberRole) - Method in enum class com.mapmyjourney.backend.model.enums.TripMemberRole

Verifica si este rol tiene un permiso específico.

hasPermission(TripMemberRole) - Method in class com.mapmyjourney.backend.model.TripMember

Verifica si este miembro tiene el permiso requerido.

hasRole(Long, Long, TripMemberRole) - Method in class com.mapmyjourney.backend.service.TripMemberService

Verifica si un usuario tiene un rol específico en un viaje.

health() - Method in class com.mapmyjourney.backend.controller.HealthController

Verifica que el servidor backend está disponible

HealthController - Class in com.mapmyjourney.backend.controller

Controlador para verificar el estado de los servicios del backend Usado por la página de estado para comprobar que el backend está disponible

HealthController() - Constructor for class com.mapmyjourney.backend.controller.HealthController

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isMemberOfTrip(Long, Long) - Method in class com.mapmyjourney.backend.service.TripMemberService

Verifica si un usuario es miembro de un viaje.

isOwner() - Method in class com.mapmyjourney.backend.model.TripMember

Verifica si este miembro es el propietario del viaje.

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JwtAuthenticationFilter - Class in com.mapmyjourney.backend.security

JwtAuthenticationFilter() - Constructor for class com.mapmyjourney.backend.security.JwtAuthenticationFilter

JwtTokenProvider - Class in com.mapmyjourney.backend.security

JwtTokenProvider() - Constructor for class com.mapmyjourney.backend.security.JwtTokenProvider

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leaveTrip(Long) - Method in class com.mapmyjourney.backend.controller.TripMemberController

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loadUserByUsername(String) - Method in class com.mapmyjourney.backend.security.CustomUserDetailsService

login(LoginRequestDTO) - Method in class com.mapmyjourney.backend.controller.UserController

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LoginRequestDTO - Class in com.mapmyjourney.backend.dto

DTO para solicitud de login.

LoginRequestDTO() - Constructor for class com.mapmyjourney.backend.dto.LoginRequestDTO

LoginRequestDTO(String, String) - Constructor for class com.mapmyjourney.backend.dto.LoginRequestDTO

LoginResponseDTO - Class in com.mapmyjourney.backend.dto

 DTO para respuesta de login (contiene el token JWT y datos del usuario).

LoginResponseDTO(String, Long, UserDTO) - Constructor for class com.mapmyjourney.backend.dto.LoginResponseDTO

LoginResponseDTO(String, String, Long, UserDTO) - Constructor for class com.mapmyjourney.backend.dto.LoginResponseDTO

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main(String[]) - Static method in class com.mapmyjourney.backend.BackendApplication

 Método principal que arranca la aplicación Spring Boot.

MANUAL - Enum constant in enum class com.mapmyjourney.backend.model.enums.ExpenseSplitType

markAsPaid(Long) - Method in class com.mapmyjourney.backend.service.ExpenseSplitService

 Marca una división como pagada.

markAsUnpaid(Long) - Method in class com.mapmyjourney.backend.service.ExpenseSplitService

 Marca una división como no pagada.

markSplitAsPaid(Long) - Method in class com.mapmyjourney.backend.service.ExpenseService

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markSplitAsPaid(Long, Long) - Method in class com.mapmyjourney.backend.controller.ExpenseSplitController

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markSplitAsUnpaid(Long, Long) - Method in class com.mapmyjourney.backend.controller.ExpenseSplitController

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O

onUpdate() - Method in class com.mapmyjourney.backend.model.Expense

onUpdate() - Method in class com.mapmyjourney.backend.model.User

OpenApiConfig - Class in com.mapmyjourney.backend.config

 Configuración de OpenAPI/Swagger para la API REST.

OpenApiConfig() - Constructor for class com.mapmyjourney.backend.config.OpenApiConfig

OWNER - Enum constant in enum class com.mapmyjourney.backend.model.enums.TripMemberRole

P

passwordEncoder() - Method in class com.mapmyjourney.backend.security.SecurityConfig

 Define el encoder de contraseñas (BCrypt).

PERCENTAGE - Enum constant in enum class com.mapmyjourney.backend.model.enums.ExpenseSplitType

R

registerUser(UserCreateRequestDTO) - Method in class com.mapmyjourney.backend.controller.UserController

 1.

registerUser(UserCreateRequestDTO) - Method in class com.mapmyjourney.backend.service.UserService

 1.

registerUserAndAuthenticate(UserCreateRequestDTO) - Method in class com.mapmyjourney.backend.service.UserService

 Registra un nuevo usuario y lo autentica automáticamente.

removeMember(Long, Long) - Method in class com.mapmyjourney.backend.controller.TripMemberController

 5.

removeMemberFromTrip(Long, Long) - Method in class com.mapmyjourney.backend.service.TripMemberService

 Elimina un miembro de un viaje.

ResourceNotFoundException - Exception Class in com.mapmyjourney.backend.exception

 Excepción base para errores de recursos no encontrados.

ResourceNotFoundException(String) - Constructor for exception class

com.mapmyjourney.backend.exception.ResourceNotFoundException

ResourceNotFoundException(String, Throwable) - Constructor for exception class

com.mapmyjourney.backend.exception.ResourceNotFoundException

run(String...) - Method in class com.mapmyjourney.backend.config.DatabaseSeeder

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SecurityConfig - Class in com.mapmyjourney.backend.security

 Configuración de Spring Security con JWT y CORS

SecurityConfig() - Constructor for class com.mapmyjourney.backend.security.SecurityConfig

setBudget(BigDecimal) - Method in class com.mapmyjourney.backend.dto.TripCreateRequestDTO

setDescription(String) - Method in class com.mapmyjourney.backend.dto.TripCreateRequestDTO

setDestination(String) - Method in class com.mapmyjourney.backend.dto.TripCreateRequestDTO

setEmail(String) - Method in class com.mapmyjourney.backend.dto.LoginRequestDTO

setEmail(String) - Method in class com.mapmyjourney.backend.dto.UserCreateRequestDTO

setEndDate(LocalDate) - Method in class com.mapmyjourney.backend.dto.TripCreateRequestDTO

setName(String) - Method in class com.mapmyjourney.backend.dto.UserCreateRequestDTO

setPassword(String) - Method in class com.mapmyjourney.backend.dto.LoginRequestDTO

setPassword(String) - Method in class com.mapmyjourney.backend.dto.UserCreateRequestDTO

setStartDate(LocalDate) - Method in class com.mapmyjourney.backend.dto.TripCreateRequestDTO

setTitle(String) - Method in class com.mapmyjourney.backend.dto.TripCreateRequestDTO

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toString() - Method in class com.mapmyjourney.backend.dto.LoginRequestDTO

Trip - Class in com.mapmyjourney.backend.model

Entidad que representa un viaje colaborativo.

Trip() - Constructor for class com.mapmyjourney.backend.model.Trip

TripController - Class in com.mapmyjourney.backend.controller

Controlador REST para gestionar viajes.

TripController() - Constructor for class com.mapmyjourney.backend.controller.TripController

TripCreateRequestDTO - Class in com.mapmyjourney.backend.dto

DTO para crear un nuevo viaje.

TripCreateRequestDTO() - Constructor for class com.mapmyjourney.backend.dto.TripCreateRequestDTO

TripCreateRequestDTO(String, String, String, LocalDate, LocalDate, BigDecimal) - Constructor for class com.mapmyjourney.backend.dto.TripCreateRequestDTO

TripDTO - Class in com.mapmyjourney.backend.dto

DTO para información completa de un viaje.

TripDTO() - Constructor for class com.mapmyjourney.backend.dto.TripDTO

TripMember - Class in com.mapmyjourney.backend.model

Entidad que representa la relación entre un Usuario y un Viaje.

TripMember() - Constructor for class com.mapmyjourney.backend.model.TripMember

TripMemberController - Class in com.mapmyjourney.backend.controller

Controlador REST para gestionar miembros de viajes.

TripMemberController() - Constructor for class com.mapmyjourney.backend.controller.TripMemberController

TripMemberDTO - Class in com.mapmyjourney.backend.dto

DTO para información de un miembro de un viaje.

TripMemberDTO() - Constructor for class com.mapmyjourney.backend.dto.TripMemberDTO

TripMemberRepository - Interface in com.mapmyjourney.backend.repository

TripMemberRole - Enum Class in com.mapmyjourney.backend.model.enums

Enumeración que define los roles de un usuario dentro de un viaje.

TripMemberService - Class in com.mapmyjourney.backend.service

Servicio para gestionar la membresía de usuarios en viajes.

TripMemberService() - Constructor for class com.mapmyjourney.backend.service.TripMemberService

TripRepository - Interface in com.mapmyjourney.backend.repository

TripService - Class in com.mapmyjourney.backend.service

TripService() - Constructor for class com.mapmyjourney.backend.service.TripService

tripsHealth() - Method in class com.mapmyjourney.backend.controller.HealthController

Verifica que el servicio de viajes está disponible

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updateExpense(Long, ExpenseCreateRequestDTO, Long) - Method in class com.mapmyjourney.backend.service.ExpenseService

Actualiza un gasto existente.

updateExpense(Long, Long, ExpenseCreateRequestDTO) - Method in class com.mapmyjourney.backend.controller.ExpenseController

4.

updateSplitAmount(Long, BigDecimal) - Method in class com.mapmyjourney.backend.service.ExpenseSplitService

Actualiza el monto de una división.

updateTrip(Long, TripCreateRequestDTO) - Method in class com.mapmyjourney.backend.controller.TripController

5.

updateTrip(Long, TripCreateRequestDTO, Long) - Method in class com.mapmyjourney.backend.service.TripService
Actualiza un viaje existente.

updateUser(Long, UserCreateRequestDTO) - Method in class com.mapmyjourney.backend.controller.UserController
5.
updateUser(Long, UserCreateRequestDTO) - Method in class com.mapmyjourney.backend.service.UserService

4.
User - Class in com.mapmyjourney.backend.model
Entidad que representa un usuario en el sistema.

User() - Constructor for class com.mapmyjourney.backend.model.User

USER - Enum constant in enum class com.mapmyjourney.backend.model.enums UserRole

UserController - Class in com.mapmyjourney.backend.controller
Controlador REST para gestionar usuarios.

UserController() - Constructor for class com.mapmyjourney.backend.controller UserController

UserCreateRequestDTO - Class in com.mapmyjourney.backend.dto
DTO para crear/registrar un nuevo usuario.

UserCreateRequestDTO() - Constructor for class com.mapmyjourney.backend.dto UserCreateRequestDTO

UserCreateRequestDTO(String, String, String) - Constructor for class com.mapmyjourney.backend.dto UserCreateRequestDTO

UserDTO - Class in com.mapmyjourney.backend.dto
DTO para información pública de un usuario.

UserDTO() - Constructor for class com.mapmyjourney.backend.dto UserDTO

UserRepository - Interface in com.mapmyjourney.backend.repository

UserRole - Enum Class in com.mapmyjourney.backend.model.enums
Enum que define los roles de los usuarios en el sistema.

UserService - Class in com.mapmyjourney.backend.service

UserService() - Constructor for class com.mapmyjourney.backend.service UserService

usersHealth() - Method in class com.mapmyjourney.backend.controller HealthController
Verifica que el servicio de usuarios está disponible

V

validateDatesAndUpdate() - Method in class com.mapmyjourney.backend.model Trip
Valida que la fecha de fin sea posterior a la de inicio y actualiza timestamp.

validateToken(String) - Method in class com.mapmyjourney.backend.security JwtTokenProvider
Valida que el token JWT sea válido.

ValidationException - Exception Class in com.mapmyjourney.backend.exception
Excepción para errores de negocio (ej: viaje con fechas inválidas).

ValidationException(String) - Constructor for exception class com.mapmyjourney.backend.exception ValidationException

ValidationException(String, Throwable) - Constructor for exception class
com.mapmyjourney.backend.exception ValidationException

valueOf(String) - Static method in enum class com.mapmyjourney.backend.model.enums ExpenseSplitType
Returns the enum constant of this class with the specified name.

valueOf(String) - Static method in enum class com.mapmyjourney.backend.model.enums TripMemberRole
Returns the enum constant of this class with the specified name.

valueOf(String) - Static method in enum class com.mapmyjourney.backend.model.enums UserRole
Returns the enum constant of this class with the specified name.

values() - Static method in enum class com.mapmyjourney.backend.model.enums ExpenseSplitType
Returns an array containing the constants of this enum class, in the order they are declared.

values() - Static method in enum class com.mapmyjourney.backend.model.enums TripMemberRole
Returns an array containing the constants of this enum class, in the order they are declared.

values() - Static method in enum class com.mapmyjourney.backend.model.enums UserRole
Returns an array containing the constants of this enum class, in the order they are declared.

verifyUserInTrip(Long, Long) - Method in class com.mapmyjourney.backend.service TripService
Verifica que un usuario pertenece a un viaje.

VIEWER - Enum constant in enum class com.mapmyjourney.backend.model.enums TripMemberRole

W

WebConfig - Class in com.mapmyjourney.backend.config
Configuración Web - CORS Global Este filtro CORS se ejecuta ANTES de todos los filtros de seguridad, asegurando que el preflight (OPTIONS) sea procesado correctamente.

WebConfig() - Constructor for class com.mapmyjourney.backend.config WebConfig

