

BookStore API Documentation



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-

Documentation created by [Ivan Gomez](#)

All endpoints, models, and controllers are designed and documented by [Ivan Gomez](#)

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Main Endpoints

- **/doc** : Dynamic documentation with Swagger for the API.
- **/uploads** : Static endpoint for uploading photos (e.g., profile pictures, book covers).

- **/optimized** : Static endpoint for serving optimized photos (e.g., resized images for faster loading).
- **/api/users** : Endpoint for managing user-related actions (create, retrieve, update, delete users).
- **/api/books** : Endpoint for managing books (create, retrieve, update, delete books).
- **/api/messages** : Endpoint for managing messages (send, retrieve, delete messages).
- **/api/conversations** : Endpoint for managing conversations (create, retrieve, delete conversations).
- **/api/notifications** : Endpoint for managing notifications (create, retrieve, mark as read, delete notifications).
- **/api/collections** : Endpoint for managing collections (create, retrieve, update, delete collections).
- **/api/emails** : Endpoint for managing emails (send, retrieve, delete emails).
- **/api/transactions** : Endpoint for managing transactions (create, retrieve, delete transactions).

Middlewares

- `cors()` : To allow CORS for certain devices
- `cookieParser()` : To enable cookies for JWT
- `jwtMiddleWare()` : To handle cookies and user session with JWT
- `handleStats()` : To track requests and produce stats for seeing the flow of the app

/api/users

This section describes the available router for managing users in the BookStore API.

UserType

```
type UserInfoType = {  
  _id: ID  
  nombre: string  
  rol: RoleType  
  fotoPerfil: ImageType  
}
```

```

    correo: string
    contraseña: string
    direccionEnvio?: LocationType[]
    librosIds: ID[]
    librosVendidos: ID[]
    estadoCuenta: EstadoCuentaType
    fechaRegistro: ISOString
    actualizadoEn: ISOString
    bio: string
    favoritos: ID[]
    conversationsIds: ID[]
    notificationsIds: ID[]
    validated: boolean
    login: 'Google' | 'Facebook' | 'Default'
    ubicacion?: LocationType
    seguidores?: ID[]
    siguiendo?: ID[],
    coleccionesIds: {
      nombre: string
      librosIds: ID[]
    }[],
    preferencias: {
      [key: string]: number
    }
    historialBusquedas: {
      [key: string]: number
    }
    balance?: {
      pendiente?: number
      disponible?: number
      porLlegar?: number
    }
  }

```

PartialUserInfoType

```

type PartialUserInfoType = {
  _id: ID
  nombre: string
  rol: RoleType
  fotoPerfil: ImageType
  librosIds: ID[]

```

```

    estadoCuenta: EstadoCuentaType
    fechaRegistro: ISOString
    actualizadoEn: ISOString
    bio: string
    favoritos: ID[]
    conversationsIds: ID[]
    notificationsIds: ID[]
    validated: boolean
    login: 'Google' | 'Facebook' | 'Default'
    ubicacion: {
        calle: string
        ciudad: string
        pais: string
        codigoPostal: string
    }
    seguidores: ID[]
    siguiendo: ID[],
    coleccionesIds: {
        nombre: string,
        librosIds = ID[]
    }[],
    preferencias: {
        [key: string]: number
    }
    historialBusquedas: {
        [key: string]: number
    }
    balance?: {
        pendiente?: number
        disponible?: number
        porLlegar?: number
    }
}

```

GET /api/users/ - Retrieve All Users ®

- **Description:** Retrieves a list without sensitive information of all users in the system.
- **Controller:** getAllUsersSafe
- **Response:** PartialUserInfoType[] .

POST /api/users/ - Create User ©

- **Description:** Creates a new user in the system.
 - **Controller:** createUser
 - **Request Body:** Partial<UserType>
 - **Response:** UserInfoType
-

POST /api/users/login - User Login

- **Description:** Logs a user into the system and saves a JWT for the session.
 - **Controller:** login
 - **Request Body:**
 - **Example:**

```
{ "correo": "user@example.com", "contraseña": "password" }
```
 - **Response:** PartialUserInfoType and a JWT token for the authenticated user.
-

POST /api/users/google-login - Google Login

- **Description:** Logs a user in using Google authentication.
 - **Controller:** googleLogin
 - **Request Body:**
 - **Example:**

```
{ "nombre": "Ivan Gomez", "correo": "user@example.com", "fotoPerfil":  
"image.png" }
```
 - **Response:** PartialUserInfoType and a JWT token for the authenticated user.
-

POST /api/users/facebook-login - Facebook Login

- **Description:** Logs a user in using Facebook authentication.
- **Controller:** facebookLogin

- **Request Body:**
 - **Example:**

```
{ "nombre": "Ivan Gomez", "correo": "user@example.com", "fotoPerfil":  
"image.png" }
```
 - **Response:** `PartialUserInfoType` and a JWT token for the authenticated user.
-

POST /api/users/logout - User Logout

- **Description:** Logs the current user out of the system removing the token from `req.session.user`.
 - **Controller:** `logout`
 - **Response:** `{ message: string }`
-

POST /api/users/userSession - Get User Session Data

- **Description:** Retrieves the session data for the current user based on the `req.session.user`.
 - **Controller:** `userData`
 - **Response:** `PartialUserInfoType`
-

POST /api/users/changePasswordEmail - Send Change Password Email

- **Description:** Sends an email to reset the password.
 - **Controller:** `sendChangePasswordEmail`
 - **Request Body:**
 - **Example:**

```
{ "email": "user@example.com" }
```
 - **Response:** Confirmation message indicating that the reset email has been sent.
-

POST /api/users/changePassword - Change User Password

- **Description:** Changes the password for a user.
 - **Controller:** changePassword
 - **Request Body:**
 - **Example:**

```
{ "token": JWTToken with the _id encrypted, "password": "1a2b3c4d" }
```
 - **Response:** Confirmation message indicating password change success.
-

POST /api/users/mercadoPagoWebHooks - Mercado Pago Webhook

- **Description:** Handles the webhook for MercadoPago payments.
 - **Controller:** MercadoPagoWebhooks
 - **Headers required**
x-signature
x-request-id
 - **Request Body:**
 - **Example:**

```
{ id: mercadoPagoID }
```
 - **Response:** Confirmation message of webhook receipt in the form of

```
{ status, message }
```
-

GET /api/users/query - Search Users

- **Description:** Search users based on a query parameter.
- **Controller:** getUserByQuery
- **Query Parameters:**
 - **q:** Search term (string).
- **Response:** A list of `PartialUserInfoType` matching the query.

POST /api/users/newCollection - Create New Collection

- **Description:** Creates a new collection for the user.
- **Controller:** createCollection
- **Request Body:**

- **Example:**

```
{ "collectionName": "Collection", "userId": ID }
```

- **Response:** Updated PartialUserType
-

POST /api/users/addToCollection - Add Book to Collection

- **Description:** Adds a book to a user's collection.
 - **Controller:** addToCollection
 - **Request Body:**
 - **Example:**

```
{ "bookId": ID, "collectionName": "Collection 1", "userId": ID }
```
 - **Response:** Confirmation message indicating the book was added to the collection in the form of { message }
-

POST /api/users/follow - Follow User

- **Description:** Allows a user to follow and remove from followers another user.
- **Controller:** followUser
- **Request Body:**
 - **Example:**

```
{ "followerId": ID, "userId": ID }
```
- **Response:** Confirmation message indicating the follow action in the form of { ok, action, follower, user }

POST /api/users/process_payment - Process Payment

- **Description:** Processes a payment for a user.
 - **Controller:** processPayment
 - **Request Body:**
 - **Example:**

```
TODO
```
 - **Response:** Confirmation of payment processing.
-

POST /api/users/getPreferenceId - Get Mercado Pago Preference ID

- **Description:** Retrieves the Mercado Pago preference ID for a user needed for the payment.
- **Controller:** getPreferenceId
- **Request body**
 - **Example**

```
{ "price": "100000", "title": "bookTitle" }
```
- **Response:** Mercado Pago preference ID.

```
{ id: ID }
```

POST /api/users/sendValidationEmail - Send Validation Email

- **Description:** Sends a validation email to a user if it is not validated.
 - **Controller:** sendValidationEmail
 - **Request Body:**
 - **Example:**

```
{ "_id": ID, "nombre": "Ivan Gomez", "correo": "user@example.com",  
  "validated": false }
```
 - **Response:** Confirmation message indicating the validation email has been sent.
-

GET /api/users/validateUser/:token - Validate User

- **Description:** Validates a user using the token received in the validation email.
 - **Controller:** userValidation
 - **Request Parameters:**
 - **token:** The validation token.
 - **Response:** Confirmation of user validation in the form of `{ message }`
-

GET /api/users/balance/:userId - Get User Balance

- **Description:** Retrieves the balance of a specific user.
- **Controller:** getBalance
- **Request Parameters:**

- **userId:** The user's ID.
 - **Response:** The user's balance in the form of { balance: { pendiente: number, porLlegar: number, disponible: number } }
-

GET /api/users/c/:userId

- **Description:** Retrieves the email and name of a user
 - **Controller:** getEmailById
 - **Request Parameters:**
 - **userId:** The user's ID
 - **Response:** The name and email of the user in the form of { correo, nombre }
-

GET /api/users/:userId/photoAndName - Get User Photo and Name

- **Description:** Retrieves a user's photo, name and ID.
 - **Controller:** getPhotoAndNameUser
 - **Request Parameters:**
 - **userId:** The user's ID.
 - **Response:** The user's photo, name and ID in the form of { _id, fotoPerfil, nombre }.
-

PATCH /api/users/:userId - Update User

- **Description:** Updates user data (including uploading a profile picture).
 - **Controller:** updateUser
 - **Request Body:**
 - **FormData:** Includes the images field for uploading a profile image .
 - **Response:** PartialUserInfoType
-

DELETE /api/users/:userId - Delete User

- **Description:** Deletes a user from the system.
- **Controller:** deleteUser
- **Request Parameters:**
 - **userId:** The user's ID.
- **Response:** Confirmation of the user deletion in the form of { message }

/api/books

BookObjectType

```
type BookObjectType = {
  titulo: string;
  autor: string;
  precio: number;
  oferta: number | null;
  isbn: string;
  images: ImageType[];
  keywords: string[];
  _id: ID;
  descripcion: string;
  estado: StateType;
  genero: string;
  formato: FormatType;
  vendedor: string;
  idVendedor: ID;
  edicion?: EditionType;
  idioma?: LanguageType;
  ubicacion?: {
    ciudad?: string;
    departamento?: string;
    pais?: string;
  };
  tapa?: CoverType;
  edad?: AgeType;
  fechaPublicacion: ISOString;
  actualizadoEn: ISOString;
  disponibilidad: AvailabilityType;
  mensajes?: string[][];
```

```
        collectionsIds: ID[];  
    }  
}
```

GET /api/books - Retrieve All Books

- **Description:** Retrieves a list of all books.
 - **Controller:** getAllBooks
 - **Response:** BookObjectType[]
-

GET /api/books/review - Retrieve All Review Books

- **Description:** Retrieves all books that have not been reviewed in order to appear in the site.
 - **Controller:** getAllReviewBooks
 - **Response:** BookObjectType[]
-

POST /api/books - Create a Book

- **Description:** Creates a new book.
 - **Controller:** createBook
 - **Request Body:** BookObjectType
 - **Response:** BookObjectType
-

POST /api/books/review - Create Review Book

- **Description:** Creates a new book review.
 - **Controller:** createReviewBook
 - **Request Body:** Partial<BookObjectType>
 - **Response:** BookObjectType
-

POST /api/books/predictInfo - Predict Book Info

- **Description:** Predicts information about a book from an uploaded image with AI (e.g., title, author).
 - **Controller:** predictInfo
 - **Request Body:** image (uploaded file)
 - **Response:** { title, author }
-

POST /api/books/generateDescription - Generate Book Description

- **Description:** Generates a book description based on a given response.
 - **Controller:** generateResponse
 - **Request Body:** { titulo, autor }
 - **Response:** { description: string }
-

POST /api/books/getBooksByCollection - Get Books By Collection

- **Description:** Retrieves books belonging to a specific collection.
 - **Controller:** getBooksByCollection
 - **Request Body:** CollectionObjectType
 - **Response:** BookType[]
-

GET /api/books/fyp - For You Page

- **Description:** Fetches books personalized for the user based on preferences.
 - **Controller:** forYouPage
 - **Query parameters:**
 - 1 (books limit)
 - **Response:** Partial<BookObjectType>[]
-

GET /api/books/query - Get Books by Query

- **Description:** Searches for books based on a query string.
 - **Controller:** getBookByQuery
 - **Query Parameters:**
 - q (query string)
 - l (books limit)
 - **Response:** `Partial<BookObjectType>[]`
-

GET /api/books/query/filters - Get Books by Query with Filters

- **Description:** Fetch books based on specific filters from a query.
 - **Controller:** getBooksByQueryWithFilters
 - **** Query Parameters**:**
 - categoria
 - ubicacion
 - edad
 - tapa
 - fechaPublicacion
 - idioma
 - estado
 - q (query string)
 - l (books limit)
 - **Response:** `Partial<BookObjectType>[]`
-

GET /api/books/search/:bookTitle - Search by Book Title

- **Description:** Searches for a book by title with webScraping.
- **Controller:** searchByBookTitle
- **Request Parameters:** bookTitle (book title)
- **Response:**


```
{
  platform: string
  domain: string
  title: string
  price: string
  url: string
  image: string
}[]
```

GET /api/books/getFavoritesByUser/:userId - Get Favorites by User

- **Description:** Retrieves a list of a user's favorite books.
 - **Controller:** getFavoritesByUser
 - **Request Parameters:** userId (user's ID)
 - **Response:** Partial<BookObjectType>[]
-

GET /api/books/:bookId - Retrieve Book by ID

- **Description:** Retrieves a specific book by its ID.
 - **Controller:** getBookById
 - **Request Parameters:** bookId (book's ID)
 - **Response:** BookObjectType
-

PUT /api/books/review/:bookId - Update Review Book

- **Description:** Updates a book review.
 - **Controller:** updateReviewBook
 - **Request Parameters:** bookId (book's ID)
 - **Request Body:** BookObjectType & { mensaje, tipo, pregunta } and req.files for files
 - **Response:** Partial<BookObjectType>
-

PUT /api/books/:bookId - Update Book

- **Description:** Updates an existing book's details.
 - **Controller:** updateBook
 - **Request Parameters:** bookId (book's ID)
 - **Request Body:** BookObjectType & { mensaje, tipo, pregunta } and req.files for files
 - **Response:** Partial<BookObjectType>
-

DELETE /api/books/review/:bookId - Delete Review Book

- **Description:** Deletes a book review.
 - **Controller:** deleteReviewBook
 - **Request Parameters:** bookId (book's ID)
 - **Response:** { message }
-

DELETE /api/books/:bookId - Delete Book

- **Description:** Deletes a book.
 - **Controller:** deleteBook
 - **Request Parameters:** bookId (book's ID)
 - **Response:** { message }
-

/api/messages

MessageType

```
type MessageObjectType = {  
  _id: ID  
  userId: ID  
  message: string  
  conversationId: ID
```

```
    createdAt: ISOString
    read: boolean
  }
```

GET /api/messages - Retrieve All Messages

- **Description:** Retrieves all messages in the system.
 - **Controller:** getAllMessages
 - **Response:** MessageObjectType[]
-

GET /api/messages/messageByConversation/:conversationId - Retrieve Messages by Conversation

- **Description:** Retrieves all messages in a specific conversation.
 - **Controller:** getAllMessagesByConversation
 - **Request Parameters:** conversationId (ID of the conversation)
 - **Response:** MessageObjectType[]
-

GET /api/messages/messageById/:messageId - Retrieve Message by ID

- **Description:** Retrieves a specific message by its ID.
 - **Controller:** getMessageById
 - **Request Parameters:** messageId (ID of the message)
 - **Response:** MessageObjectType
-

POST /api/messages - Send a Message

- **Description:** Sends a new message.
- **Controller:** sendMessage
- **Request Body:** MessageObjectType

- **Response:** MessageObjectType
-

DELETE /api/messages/:messageId - Delete Message

- **Description:** Deletes a message by its ID.
 - **Controller:** deleteMessage
 - **Request Parameters:** messageId (ID of the message)
 - **Response:** { message }
-

POST /api/messages/:messageId/read - Mark Message as Read

- **Description:** Marks a message as read.
 - **Controller:** markAsRead
 - **Request Parameters:** messageId (ID of the message)
 - **Response:** { message }
-

/api/conversations

ConversationObjectType

```
type ConversationObjectType = {  
  _id: ID  
  users: [ID, ID]  
  createdAt: ISOString  
  lastMessage: MessageObjectType | null  
}
```

GET /api/conversations - Retrieve All Conversations

- **Description:** Retrieves a list of all conversations in the system.
 - **Controller:** getAllConversations
 - **Response:** ConversationObjectType[]
-

GET /api/conversations/getConversationsByUser/:userId - Retrieve Conversations by User

- **Description:** Retrieves all conversations associated with a specific user.
 - **Controller:** getConversationsByUser
 - **Request Parameters:** userId (ID of the user)
 - **Response:** ConversationObjectType[]
-

GET /api/conversations/getConversationById/:conversationId - Retrieve Conversation by ID

- **Description:** Retrieves a specific conversation by its ID, including all messages.
 - **Controller:** getConversationById
 - **Request Parameters:** conversationId (ID of the conversation)
 - **Response:** ConversationObjectType
-

POST /api/conversations - Create a Conversation

- **Description:** Creates a new conversation between two or more users.
 - **Controller:** createConversation
 - **Request Body:** ConversationObjectType
 - **Response:** ConversationObjectType
-

DELETE /api/conversations/:conversationId - Delete a Conversation

- **Description:** Deletes a conversation by its ID.
- **Controller:** deleteConversation

- **Request Parameters:** conversationId (ID of the conversation)
 - **Response:** { message }
-

/api/notifications

NotificationType

```
type NotificationType = {  
  _id: ID  
  title: string  
  priority: PriorityType  
  type: TypeType  
  userId: ID  
  input: string  
  createdAt: ISOString  
  read: boolean  
  actionUrl?: string  
  expiresAt: ISOString  
  message?: string  
  metadata?: {  
    photo?: ImageType  
    bookTitle?: string  
    bookId?: ID  
  }  
}
```

GET /api/notifications - Retrieve All Notifications

- **Description:** Retrieves all notifications in the system.
 - **Controller:** getAllNotifications
 - **Response:** NotificationType[]
-

POST /api/notifications - Create a Notification

- **Description:** Creates a new notification.
 - **Controller:** createNotification
 - **Request Body:** NotificationType
 - **Response:** NotificationType
-

GET /api/notifications/getNotificationsByUser/:userId - Retrieve Notifications by User

- **Description:** Retrieves all notifications associated with a specific user.
 - **Controller:** getAllNotificationsByUserId
 - **Request Parameters:** userId (ID of the user)
 - **Response:** NotificationType[]
-

PUT /api/notifications/:notificationId/read - Mark Notification as Read

- **Description:** Marks a notification as read.
 - **Controller:** markNotificationAsRead
 - **Request Parameters:** notificationId (ID of the notification)
 - **Response:** { message }
-

GET /api/notifications/:notificationId - Retrieve Notification by ID

- **Description:** Retrieves a specific notification by its ID.
 - **Controller:** getNotificationById
 - **Request Parameters:** notificationId (ID of the notification)
 - **Response:** NotificationType
-

DELETE /api/notifications/:notificationId - Delete Notification

- **Description:** Deletes a notification by its ID.

- **Controller:** deleteNotification
- **Request Parameters:** notificationId (ID of the notification)
- **Response:** { message }

/api/collections

CollectionObjectType

```
type CollectionObjectType = {  
  _id: ID  
  foto: ImageType  
  librosIds: ID[]  
  nombre: string  
  descripcion?: string  
  seguidores: ID[]  
  userId: ID  
  saga: boolean  
  creadoEn: ISOString  
}
```

GET /api/collections - Retrieve All Collections

- **Description:** Retrieves all collections in the system.
- **Controller:** getAllCollections
- **Response:** CollectionObjectType[]

GET /api/collections/getCollectionById/:collectionId - Retrieve Collection by ID

- **Description:** Retrieves a specific collection by its ID.
- **Controller:** getCollectionById
- **Request Parameters:** collectionId (ID of the collection)
- **Response:** CollectionObjectType

GET /api/collections/getCollectionsByUser/:userId - Retrieve Collections by User

- **Description:** Retrieves all collections associated with a specific user.
 - **Controller:** getCollectionsByUser
 - **Request Parameters:** userId (ID of the user)
 - **Response:** CollectionObjectType[]
-

GET /api/collections/getBooksByCollection/:collectionId - Retrieve Books in a Collection

- **Description:** Retrieves all books in a specific collection.
 - **Controller:** getBooksByCollection
 - **Request Parameters:** collectionId (ID of the collection)
 - **Response:** Partial<BookObjectType>[]
-

POST /api/collections - Create a Collection

- **Description:** Creates a new collection.
 - **Controller:** createCollection
 - **Request Body:** CollectionObjectType
 - **Response:** CollectionObjectType
-

GET /api/collections/addToCollection - Add Book to Collection

- **Description:** Adds a book to an existing collection.
- **Controller:** addBookToCollection
- **Query parameters:**
 - bookId
 - collectionId

- **Response:** { message }
-

GET /api/collections/query - Get Collections by Query

- **Description:** Retrieves collections based on a query string.
 - **Controller:** getCollectionByQuery
 - **Query Parameters:**
 - q (query string)
 - l (limit)
 - **Response:** Partial<CollectionObjectType>[]
-

GET /api/collections/query/filters - Get Collections by Query with Filters

- **Description:** Retrieves collections based on query filters.
 - **Controller:** getCollectionsByQueryWithFilters
 - **Query Parameters:**
 - q : query string
 - l : limit
 - genero
 - ubicacion
 - pais
 - ciudad
 - departamento
 - edad
 - tapa
 - fechaPublicacion
 - idioma
 - estado
 - **Response:** CollectionObjectType[]
-

POST /api/collections/collectionSaga - Get Collection Saga

- **Description:** Fetches collections that have sagas.
 - **Controller:** getCollectionSaga
 - **Request Body:** { bookId: string userId }
 - **Response:** collection[]
-

DELETE /api/collections/:collectionId - Delete Collection

- **Description:** Deletes a collection by its ID.
 - **Controller:** deleteCollection
 - **Request Parameters:** collectionId (ID of the collection)
 - **Response:** { message }
-

PATCH /api/collections/:collectionId - Update Collection

- **Description:** Updates the details of an existing collection.
- **Controller:** updateCollection
- **Request Parameters:** collectionId (ID of the collection)
- **Request Body:** Partial<CollectionType>
- **Response:** CollectionObjectType

/api/emails

EmailType

No type, just a list of emails

```
email[]
```

GET /api/emails - Retrieve All Emails

- **Description:** Retrieves a list of all emails in the system.
 - **Controller:** getAllEmails
 - **Response:** email[]
-

POST /api/emails - Create an Email

- **Description:** Creates a new email entry.
 - **Controller:** createEmail
 - **Request Body:** email
 - **Response:** email
-

GET /api/emails/:emailId - Retrieve Email by ID (Not needed)

- **Description:** Retrieves a specific email by its ID.
 - **Controller:** getEmailById
 - **Request Parameters:** emailId (ID of the email)
 - **Response:** email
-

DELETE /api/emails/:emailId - Delete Email

- **Description:** Deletes an email by its ID.
 - **Controller:** deleteEmail
 - **Request Parameters:** emailId (ID of the email)
 - **Response:** { message }
-

/api/transactions

TransactionObjectType (Not final)

```
type TransactionObjectType = {
  _id: number
  userId: ID
  sellerId: ID
  bookId: ID
  fee_details: any[]
  description: string
  charges_details: any[]
  paymentLink: string
  transactionId: string
  amount: number
  paymentMethod: string | undefined
  installments: number
  card: any
  status: 'pending' | 'completed' | 'failed'
  createdIn: ISOString
  updatedIn: ISOString
  paymentDetails?: {
    description?: string
    paymentLink?: string
    amount?: number
    method?: string
    type: string
    createdIn?: ISOString
  }
}
```

GET /api/transactions - Retrieve All Transactions

- **Description:** Retrieves all transactions in the system.
- **Controller:** getAllTransactions
- **Response:** TransactionObjectType[]

GET /api/transactions/transactionById/:transactionId - Retrieve Transaction by ID

- **Description:** Retrieves a specific transaction by its ID.

- **Controller:** getTransactionById
 - **Request Parameters:** transactionId (ID of the transaction)
 - **Response:** TransactionObjectType
-

GET /api/transactions/transactionByUser - Retrieve Transactions by User

- **Description:** Retrieves all transactions associated with a specific user.
- **Controller:** getTransactionsByUser
- **Request Parameters:** userId (ID of the user)
- **Response:** TransactionObjectType[]

POST /api/transactions - Create a Transaction

- **Description:** Creates a new transaction.
- **Controller:** createTransaction
- **Request Body:** TransactionType
- **Response:** TransactionType

DELETE /api/transactions/:transactionId - Delete Transaction

- **Description:** Deletes a transaction by its ID.
- **Controller:** deleteTransaction
- **Request Parameters:** transactionId (ID of the transaction)
- **Response:** { message }