**API Endpoints for Furniture Marketplace**

**1. User Authentication**

* POST /api/auth/register
  + Registers a new user (customer or admin).
  + **Request Body:** { name, email, password, address, phone }
* POST /api/auth/login
  + Logs in the user and provides a session token.
  + **Request Body:** { email, password }
* POST /api/auth/logout
  + Logs out the user.

**2. Products**

* GET /api/products
  + Fetches all products with optional filters (e.g., category, price).
  + **Query Parameters:** ?category=chairs&priceRange=0-500
* GET /api/products/:id
  + Fetches details of a single product.
  + **Response:** { id, name, price, description, stock, customizable }
* POST /api/products *(Admin Only)*
  + Adds a new product.
  + **Request Body:** { name, category, price, description, imageURL, stock, dimensions, material }
* PUT /api/products/:id *(Admin Only)*
  + Updates product details.
  + **Request Body:** { stock, price, description, etc. }
* DELETE /api/products/:id *(Admin Only)*
  + Deletes a product.

**3. Categories**

* GET /api/categories
  + Fetches all product categories.
* POST /api/categories *(Admin Only)*
  + Adds a new category.

**4. Cart**

* GET /api/cart
  + Fetches the user's cart items.
* POST /api/cart
  + Adds an item to the cart.
  + **Request Body:** { productId, quantity }
* PUT /api/cart/:id
  + Updates the quantity of a cart item.
  + **Request Body:** { quantity }
* DELETE /api/cart/:id
  + Removes an item from the cart.

**5. Orders**

* GET /api/orders *(Admin)*
  + Fetches all orders.
* GET /api/orders/user
  + Fetches orders for the logged-in user.
* POST /api/orders
  + Creates a new order after checkout.
  + **Request Body:** { items, deliveryAddress, paymentMethod }
* GET /api/orders/:id
  + Fetches details of a single order.
* PUT /api/orders/:id/status *(Admin Only)*
  + Updates the status of an order.
  + **Request Body:** { status: "shipped" }

**6. Payments**

* POST /api/payments
  + Initiates a payment through Stripe or another gateway.
  + **Request Body:** { orderId, paymentMethod }
* GET /api/payments/:id
  + Fetches payment status.

**7. Reviews**

* GET /api/reviews/:productId
  + Fetches reviews for a specific product.
* POST /api/reviews
  + Adds a review for a product.
  + **Request Body:** { productId, rating, comment }