

Marketplace-Technical- Foundation General-E- Commerce Furniture Website

API Endpoints:

Endpoint	Method	Description	Payload	Response	Example
/api/auth/register	POST	Register a new user	{ "name": "string", "email": "string", "password": "string" }	{ "userId": "string", "token": "string" }	{ "name": "John Doe", "email": " john@example.com ", "password": "securePassword" }
/api/auth/login	POST	User login and authentication	{ "email": "string", "password": "string" }	{ "userId": "string", "token": "string" }	{ "email": " john@example.com ", "password": "securePassword" }
/api/auth/logout	GET	Logout the user	None	{ "message": "User logged out" }	None

				successfully" }	
/api/products	GET	Get all products	?category=string&page=number&limit=number (optional query parameters)	[{ "id": "string", "name": "string", "price": "number", "image": "string" }]	/api/products?category=sofas&page=1&limit=10
/api/products/:id	GET	Get details of a single product	None	{ "id": "string", "name": "string", "price": "number", "description": "string", "image": "string", "stock": "number" }	/api/products/12345
/api/products	POST	Add a new product (Admin only)	{ "name": "string", "price": "number", "description": "string"	{ "message": "Product added successfully" }	{ "name": "Sofa Set", "price": 499.99, "description": "Luxury leather sofa set", "category": "Living Room", "image": "/images/sofa.jpg", "stock": 20 }

			<pre> ", "category": "string ", "image" : "string ", "stock" : "number " } </pre>		
/api/products/:id	PUT	Update an existing product (Admin only)	<pre> { "name": "string ", "price": "number ", "description": "string ", "category": "string ", "image": "string ", "stock": "number " } </pre>	{ "message": "Product updated successfully" }	{ "name": "Updated Sofa Set", "price": 549.99, "description": "Luxury leather sofa set with recliners", "category": "Living Room", "image": "/images/new-sofa.jpg" }
/api/products/:id	DELETE	Delete a product (Admin only)	None	{ "message": "Product deleted successfully" }	/api/products/12345

/api/cart	GET	Get the current user's cart	None	[{ "productId": "string", "quantity": "number" }]	None
/api/cart	POST	Add a product to the cart	{ "productId": "string", "quantity": "number" }	{ "message": "Product added to cart" }	{ "productId": "12345", "quantity": 2 }
/api/cart/:productId	PUT	Update the quantity of a product in cart	{ "quantity": "number" }	{ "message": "Cart updated successfully" }	{ "quantity": 3 }
/api/cart/:productId	DELETE	Remove a product from the cart	None	{ "message": "Product removed from cart" }	/api/cart/12345
/api/orders	POST	Place a new order	{ "cart": [{ "productId": "string", "quantity": "number" }], "paymentMethod": "string" }	{ "orderId": "string", "message": "Order created successfully" }	{ "cart": [{ "productId": "12345", "quantity": 2 }], "paymentMethod": "Credit Card" }

/api/orders	GET	Get orders of the logged-in user	None	[{ "orderId": "string", "status": "string", "total": "number", "createdAt": "date" }]	None
/api/orders/:id	GET	Get details of a specific order	None	{ "orderId": "string", "status": "string", "items": [{ "productId": "string", "quantity": "number" }], "total": "number" }	/api/orders/56789
/api/orders/:id/status	PUT	Update the status of an order (Admin)	{ "status": "string" }	{ "message": "Order status updated" }	{ "status": "Shipped" }

/api/shipping/orderId	GET	Get shipping details for an order	None	{ "trackingNumber": "string", ' "status": "string", ' "estimatedDelivery": "date" }	/api/shipping/56789
/api/payments	POST	Process a payment using Stripe	{ "orderId": "string", ' "paymentMethod": "string" }	{ "paymentId": "string", ' "status": "success/failure" }	{ "orderId": "56789", "paymentMethod": "Credit Card" }