

## 3- API Requirements

### 1. Authentication

POST /api/auth/signup	Create a new user.
POST /api/auth/login	Authenticate a user and return a token.
GET /api/auth/profile	Retrieve logged-in user details.

### 2. Product Management

GET /api/products	Fetch all products.
GET /api/products/:id	Fetch product details by ID.
POST /api/admin/products	Add a new product (admin only).
POST /api/admin/products	Update product details (admin only).
DELETE /api/admin/products/:id	Delete a product (admin only).

### 3. Cart

POST /api/cart	Add a product to the cart.
GET /api/cart	Fetch cart items.
DELETE /api/cart/:id	Remove a product from the cart.

### 4. Orders

POST /api/checkout	Place an order.
GET /api/orders	Get user orders.
GET /api/admin/orders	Get all orders (admin only).

### 5. Search and Filters

GET /api/products/search?query=...&filters=...	Fetch products matching the query and filters
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