

# Cannabis Product Discovery Platform – Research

## 1) Main Cannabis Product Categories

Primary categories:

- Flower
- Edibles
- Oils

Common additional categories (for future-ready structure):

- Concentrates
- Vapes
- Topicals

These categories are useful because users usually start product discovery by product format.

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## 2) Information to Show on a Product Card

Required card fields:

- Name
- Category
- THC %
- CBD %
- Price
- Add to Wishlist button

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Two practical additions to improve discovery:

- Brand (helps comparison)
  - Short effects tags (e.g., Relaxed / Focused)
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## 3) Useful Filters for Product Discovery

Required filters:

- Category dropdown
- THC range filter
- Search by Name

**Two useful additions:**

- **CBD range (better cannabinoid-based discovery)**
  - **Price sorting (low-to-high / high-to-low)**
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#### **4) Possible Compliance Considerations**

**Important compliance points:**

1. **Age restriction based on legal jurisdiction.**
  2. **Region-specific availability (laws vary by location).**
  3. **No unverified medical claims in product descriptions.**
  4. **Clear potency and safety labeling (THC/CBD visibility, warnings).**
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#### **5) Implementation Note (Project Enhancement)**

**Although optional in the assignment, the implementation will include:**

- **JWT authentication**
- **Role-based access:**
  - **User: browse products, view details, manage wishlist**
  - **Admin: add new products (POST /products)**

**This improves API security and makes access control explicit while keeping scope manageable.**