

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.

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.