1. Business Rules:

- Each user can create multiple posts.
- A user must be logged in to create, edit, or delete their own posts.
- Each post represents a unique clothing item and contains specific attributes.
- Each clothing item post must have a title, photo, color, type, material, short description, the username of the creator, and a creation date.
- Only the user who created a post can modify or delete it.

2. Identified Entities:

- **User**
- **Post** (represents a clothing item)
- **ClothingType** (predefined types)
- **Role**

3. Defined Attributes:

User:

- `Username` (Primary Key)
- `password`
- `role_id` (Foreign Key referencing Role)

Post:

- `post_id` (Primary Key)
- `user_id` (Foreign Key referencing User)
- `title`
- `photo_url` (URL or path for the photo of the item)
- `color`
- `clothing_type_id` (Foreign Key referencing ClothingType)
- `material` (e.g., cotton, polyester)
- `description` (a short description of the item)
- `created_at` (date and time of creation)
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ClothingType:

- `clothing_type_id` (Primary Key)
- `type`(e.g., "Shirt," "Jacket," "Pants")
- `season` (e.g., "Summer," "Winter") - to help categorize clothing suitable for different seasons
- `style` (e.g., "Casual," "Formal," "Athletic") - provides an additional categorization of the clothing type

Role:

- `role_id` (Primary Key)
- `role` (e.g., "user," "guest," "admin")
- `permission` (e.g., "view," "create_delete", "create_delete_universalDelete)

4. Relationships:

- **User to Post**: One-to-Many (A user can create multiple posts, but each post is linked to only one user).
- **ClothingPost to ClothingType**: One-to-One
- **User to Role**: One-to-One