





```
// Any interface without an _id field will not be a stand alone document
interface BillingInfo {
  firstName: string;
  lastName: string;
  country: string;
  address: string;
  city: string;
  region: string;
  postalCode: number;
}
```



```
interface Store {  
    _id: string;  
    name: string;  
    image: string;  
    description: string;  
    products: Array<Pick<Product, "_id">>;  
    paypalAccount: unknown;  
    orders: Array<Pick<StoreOrder, "_id">>  
}
```



```
interface StoreOrder {  
    _id: string;  
    orderNumber: string;  
    product: Product;  
    itemsOrdered: number;  
    paid: number;  
    orderDate: string;  
    buyer: {  
        name: string;  
        country: string;  
        postalCode: string;  
        phoneNumber: string;  
        email: string;  
        address: string;  
    }  
}
```



```
interface Cart {
    items: Array<Pick<Product, "_id">>;
    total: number;
}

interface User {
    _id: string;
    firstName: string;
    lastName: string;
    email: string;
    phoneNumber: string | null;
    password: string;
    twoFa: boolean;
    billing: BillingInfo | null;
    orders: Array<Pick<UserOrder, "_id">>
    wishlist: Array<Pick<Product, "_id">>
    store: Pick<Store, "_id"> | null;
    reviews: Array<Pick<Review, "_id">>;
    cart: Cart;
}
```



```
interface UserOrder {  
  _id: string;  
  orderNumber: string;  
  product: Product;  
  itemsOrdered: number;  
  paid: number;  
  orderDate: string;  
}
```



```
interface Review {  
    _id: string;  
    title: string;  
    buyer: string;  
    rating: 0 | 1 | 2 | 3 | 4 | 5;  
    comment: string;  
    postDate: string;  
    likes: number;  
    dislikes: number;  
}
```





```
interface Product {
  _id: string;
  name: string;
  seller: Pick<Store, "_id">;
  price: number;
  discount: number | null;
  discountedPrice: number | null;
  shipmentPrice: number | null;
  variants: Array<Pick<Product, "_id">>;
  briefDescription: string;
  description: string;
  details: object; // this will depend on the product type and category
  category: Pick<Category, "_id">;
  subcategory: Pick<Subcategory, "_id">;
  type: Subcategory["types"][number];
  reviews: Array<Pick<Review, "_id">>;
  coverImage: string;
  images: Array<string>;
}
```



```
interface Category {  
    _id: string;  
    name: string;  
    subcategories: Array<Pick<Subcategory, "_id">>;  
}
```

```
interface Subcategory {  
    _id: string;  
    name: string;  
    types: Array<string>;  
    filters: object; // will depend on the subcategory  
}
```