Marketplace

List of products which contains each product’s characteristics and where user can compare its’ prices from different stores (basically a clone of hotline)

User requirements:

1. User can navigate through various categories to find needed product
2. Each product has a detailed description and links to shops where it can be bought
3. Registered users can order products
4. Admin users can see Marketplace statistics
5. Moderator users can manage Marketplace content

Functional requirements:

1. Show list of categories, where each entry contains:
   1. Name
   2. Image that represents it
2. Show list of subcategories of a chosen category, if present
3. Show list of products under given category, where each entry contains:
   1. Photo of a product
   2. Name
   3. The smallest and the highest prices
   4. Total reviews from all shops
4. Perform product sorting by either price, popularity or score
5. Perform product filtering by any of product’s characteristics
6. Show detailed description of a product, which includes:
   1. Photo
   2. Name
   3. Characteristics
   4. Stores where the product is present
7. Show details of each store:
   1. Logo
   2. Price
   3. Number of reviews
   4. Score
   5. Name
8. Users can go to product’s page of a chosen store
9. Users can register to order products
10. Each product in order contains:
    1. Product’s name, image and amount
    2. Name and image of a shop where product is going to be bought
    3. Price from the chosen shop
11. For each product in order user can go to product’s page on this or chosen shop’s website
12. User can change product amount in order
13. User can delete product from current order
14. User can see total price of products in order
15. When user confirms an order new order appears in user history
16. User can view all made orders
17. Admin users have access to app analytics for week/month/year period, which consists of:
    1. Total income with income for each category
    2. Income of each product in category from all shops/shop
    3. Number of orders of a product from all shops/shop
    4. Number of all users with number of new registered users
18. Moderator users can add and remove contents for marketplace. ‘To remove’ here means to hide. So, when some entity is removed – all contents remain, but users cannot longer see any related information about it, except for products in order history and contents for app analytics. Information can be added/removed from:
    1. Categories
    2. Products
    3. Shops
    4. Shops of a product