**Skate Shop Use Cases**

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| **Use Case #1** | **Show Products** |
| Pre-Condition | - |
| Description of Use Case in detail | Open the site /products |
| Post-Condition | Show all products |
| Exceptions (what can go wrong, how will the system respond?) |  |
| **Use Case #2** | **Change Order** |
| Pre-Condition | Order by Rating |
| Description of Use Case in detail | Change Order to (Order by Price) |
| Post-Condition | Show all products ordered by Price |
| Exceptions (what can go wrong, how will the system respond?) |  |
| **Use Case #3** | **Filter by Skateboard Part** |
| Pre-Condition | Showing all Products |
| Description of Use Case in detail | Change filter to only Skateboard Decks |
| Post-Condition | Show all Skateboard Decks |
| Exceptions (what can go wrong, how will the system respond?) |  |
| **Use Case #4** | **Filter by Skateboard Brand** |
| Pre-Condition | Showing all Products |
| Description of Use Case in detail | Change filter to only Polar Skateboards |
| Post-Condition | Show all Products from the brand “Polar” |
| Exceptions (what can go wrong, how will the system respond?) | Products are implemented with the composite pattern in the order:  **Skateboard Part** → **Skateboard Brands** → **Products**  There could be some problems to filter by the brand, without filtering by part. |

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| **Use Case #5** | **View single Product** |
| Pre-Condition | Showing all Products |
| Description of Use Case in detail | Select a product and click on view |
| Post-Condition | Show single product and details |
| Exceptions (what can go wrong, how will the system respond?) |  |
| **Use Case #6** | **Add Product to Shopping Cart** |
| Pre-Condition | Viewing single Product |
| Description of Use Case in detail | Click on “Add to Shopping Cart” |
| Post-Condition | Product added to shopping Cart |
| Exceptions (what can go wrong, how will the system respond?) |  |
| **Use Case #6** | **Show Shopping Cart** |
| Pre-Condition | Showing all Products |
| Description of Use Case in detail | Click on Shopping Cart |
| Post-Condition | Show Shopping Cart with all added products and a sum of the price. |
| Exceptions (what can go wrong, how will the system respond?) |  |