

Use Case UC#02	Search Advance
Scope	Search
Level	User-goal
Primary Actor	Customer
Stakeholders & Interests	
<p>-Customer: wants to search specific details about products so that he can find result according to their particular need.</p> <p>-Company: wants to give best search result to their customers to satisfy their need.</p>	
Pre-Condition	
<ol style="list-style-type: none"> 1. Customer is on the application and has navigated to the Advance Search form by clicking the link near Basic Search box. 2. Customer has a basic idea about the product attributes and values for his query. 	
Post-Condition	
<ol style="list-style-type: none"> 1. Customer can see list of available products on the page. 	
Main Success Scenario	
<ol style="list-style-type: none"> 1. Customer clicks on the advance search button. 2. Customer selects a category and the desired checklist then enter search keyword 3. System provides a list of the matching products on the page to the customer. 	
Extensions	
<p>a. Attribute value format error:</p> <ol style="list-style-type: none"> 1. Customer enters value of the product attribute in the invalid format. For example, customer enters invalid year or negative price value. 2. System validates the input values entered on the form and shows the error message "<attribute name> is in invalid format" in case of input validation error. 3. Customer corrects the value to match the required attribute format and searches again. <p>b. No product found:</p> <ol style="list-style-type: none"> 1. If no matching product is available in the database, the system shows the message "No matching product found". 2. Customer can update the search query and searches again. <p>c. System timeout error:</p> <ol style="list-style-type: none"> 1. If system times out while searching the product, the error message "System has timed out. Please try again." is displayed on the web page. 2. Customer can click on the Search button again to re-execute the query. 	