

Ziff Davis Media
Boomerang
Use Cases - Search
Version 0.1, 11/28/2000



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1. Use Cases

1.1. Search

1.1.1. Document information

Author(s)	Aida Mysan, Information Architect
Creation date	November 28, 2000
Modification date	

1.1.2. Characteristics information

Goal in context	Upon submitting a simple keyword or search string phrase a matching result set is returned
Scope	System under design
Level	Task
Preconditions	Actor is at site
Success end condition	Actor finds what was looked for
Failed end condition	Invalid data is returned
Primary actor	Unregistered and registered end-users
Trigger	Actor submits search

1.1.3. Main success scenario

Step 1	<p>Actor types a text string into the keyword field</p> <p>System interprets <i>space</i> and <i>&</i> or <i>and</i> as Logical AND statement</p> <p>System interprets words separated by a space as a phrase and then as individual words</p>
Step 2	<p>Actor selects domain of search</p>
Step 3	<p>Actor submits or presses "Enter" on the keyboard</p>
Step 4	<p>System validates entry</p> <ol style="list-style-type: none"> 1. Search field includes more than one character 2. Search field is not empty 3. Single keyword entry does not match word in list of excluded words
Step 5	<p>System performs search</p>
Step 6	<p>System displays results</p> <p>Result Set is organized</p> <ol style="list-style-type: none"> 1. News 2. Opinions 3. Features 4. Product Info 5. Member Comments <p>Each group contains no more than 5 items</p> <p>Member generated content within groups 1-4 is identified by an icon</p> <p>Items containing rich media are identified by an icon</p>
Step 7	<p>Actor selects to view all items of one group</p> <ol style="list-style-type: none"> 1. Clicking on group header 2. Clicking on <i>more</i> link following 5 group items
Step 8	<p>System displays results</p> <ol style="list-style-type: none"> 1. Results are displayed in list format from most to least recent 2. Item line also includes, content type, subject, author, post date, publication name, icon if applicable and 1 line of text containing keyword or phrase 3. 20 items at a time 4. Multiple pages of results can be accessed by links at top and bottom 5. Total count of results and search criteria are visible at top of result set 6. Keyword or phrase appearing in displayed text is bolded
Step 9	<p>Actor may sort Result Set</p> <ol style="list-style-type: none"> 1. By author-alphabetically 2. By title-alphabetically
Step 10	<p>System displays sorted Result Set</p>

1.1.4. Scenario Extensions

Step altered	Branching Action
Step 4.1	System returns search page with error message
Step 4.1.1	Actor re-enters a keyword or search string
Step 4.1.3	Go to step 3
Step 5.1	System failure
Step 5.1.1	System returns search page with error message
Step 6.1	If actor selects " All Publications", actor has ability to sort by publication
Step 6.2	If there are 0 results for a group, the header remains with 0 items listed below. The system displays the message/link "Search entire Ziff Davis Network"
Step 6.2.1	Actor clicks on message
Step 6.2.2	System Performs search on all publications
Step 6.2.3	Go to step 5

1.1.5. Related information

The following table gives the information that is related to the Use Case.

Priority:	Must
Performance Target:	Maximum = 1 minutes
Frequency:	Always
Super Use Case:	None
Sub Use Case(s):	Advanced Search
Channel To Primary Actor:	Website
Secondary Actor(s):	Altavista Search Engine
Channel(s) To Secondary Actor(s):	Website

Basic Search

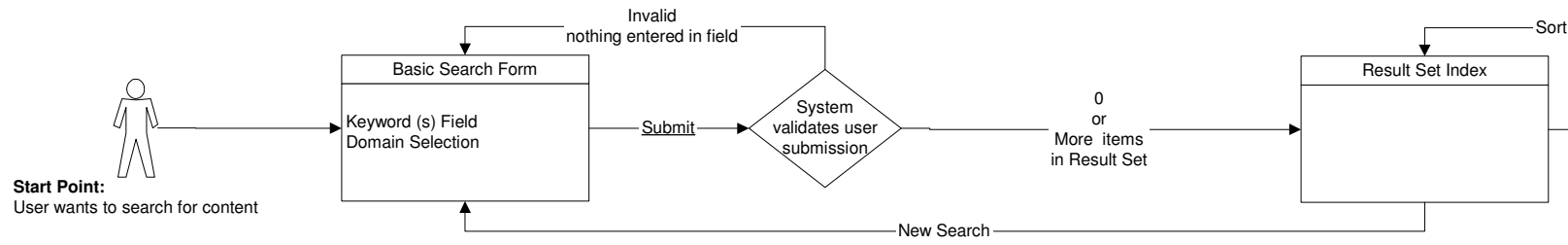


Figure 1 – Basic Search

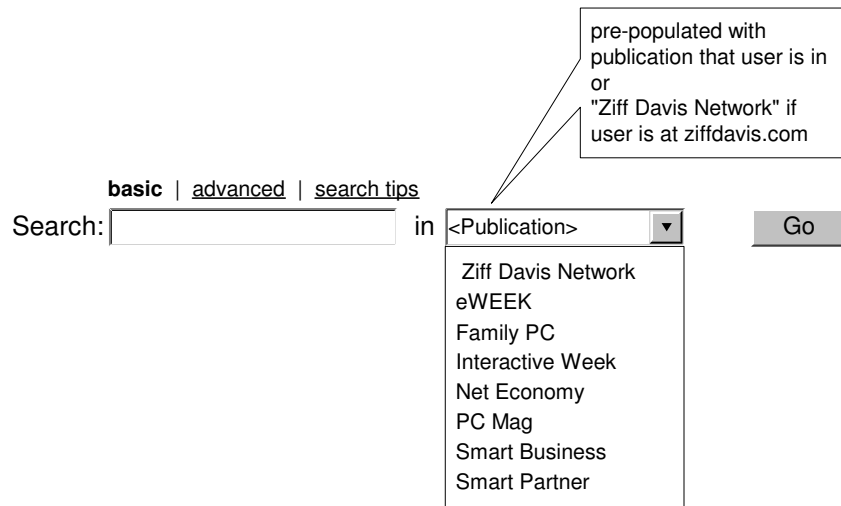


Figure 2 – Basic Search Interface

Your Search Results for: <criteria>	
News	found 25 matches
<title 1 lorem ipsum est ala deus jacta machin gladious> Author's full name date posted Lorem ipsum est ala deus jacta machin gladious. Lorem ipsum est ala deus jacta machin	Publication name
<title 1 lorem ipsum est ala deus jacta machin gladious> Author's full name date posted Lorem ipsum est ala deus jacta machin gladious. Lorem ipsum est ala deus jacta machin	Publication name
<title 1 lorem ipsum est ala deus jacta machin gladious> Author's full name date posted Lorem ipsum est ala deus jacta machin gladious. Lorem ipsum est ala deus jacta machin	Publication name
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Zcast: <Title of Zcast> Duration Start - Duration End Lorem ipsum est ala deus jacta machin gladious. Lorem ipsum est ala deus jacta machin	Publication name
<i>more...</i>	
Opinions	found 6 matches
<Column Name> <Topic Title > Author's full name date posted Lorem ipsum est ala deus jacta machin gladious. Lorem ipsum est ala deus jacta machin	Publication name
<Column Name> <Topic Title> Author's full name date posted Lorem ipsum est ala deus jacta machin gladious. Lorem ipsum est ala deus jacta machin gladious	Publication name
<Column Name> <Topic Title> Author's full name date posted Lorem ipsum est ala deus jacta machin gladious. Lorem ipsum est ala deus jacta machin	Publication name
Review: <Content Type>: <Content Name>: <Title lorem ipsum est ala deus > <input type="radio"/> Author's full name date posted Lorem ipsum est ala deus jacta machin gladious. Lorem ipsum est ala deus jacta machin	Publication name
Review: <Content Type>: <Content Name>: <Title> <input type="radio"/> Author's full name date posted Lorem ipsum est ala deus jacta machin gladious. Lorem ipsum est ala deus jacta machin	Publication name
<i>more...</i>	
Features	found 15 matches
<title 1 lorem ipsum est ala deus jacta machin gladious> Author's full name date posted Lorem ipsum est ala deus jacta machin gladious. Lorem ipsum est ala deus jacta machin	Publication name
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<i>more...</i>	
Product Info	found 0 matches
Search entire Ziff Davis Network	
Member Comments	found 3 matches
<Discussion Board> : <Discussion Title> Screen Name date and time posted Lorem ipsum est ala deus jacta machin gladious. Lorem ipsum est ala deus jacta machin	Publication name
<Discussion Board> : <Discussion Title> Screen Name date and time posted Lorem ipsum est ala deus jacta machin gladious. Lorem ipsum est ala deus jacta machin	Publication name
<Discussion Board> : <Discussion Title> Screen Name date and time posted Lorem ipsum est ala deus jacta machin gladious. Lorem ipsum est ala deus jacta machin	Publication name

Figure 3 – Result Set

alphabetical by title (default)
alphabetical by author
alphabetical by publication
by most to least recent date


Your Search Results for: <criteria>

matches 1-20| 25

<back to search results> 1-20 21-25 <next>

Sort By:

News

<title 1 lorem ipsum est ala deum jacta machin gladious>	Publication name
Author's full name	
date posted	
Lorem ipsum est ala deum jacta machin gladious. Lorem ipsum est ala deum jacta machin	
<title 1 lorem ipsum est ala deum jacta machin gladious>	Publication name
Author's full name	
date posted	
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<title 1 lorem ipsum est ala deum jacta machin gladious>	Publication name
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<title 1 lorem ipsum est ala deum jacta machin gladious>	Publication name
Author's full name	
date posted	
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Zcast: Title of Zcast: 	Publication name
Duration Start -Duration End	
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Author's full name	
date posted	
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Figure 4 - Result Set Level 2