

# Use-Cases

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<b>Use-case: FIND RESEARCHERS/AUTHORS</b>	
<b>Summary:</b>	This use case describes how a user can search for reviewers by using the system's query interface
<b>Actor(s):</b>	Program Committee Chair (User), Editor-in-Chief (Also User) and System
<b>Pre-condition:</b>	The user must have submitted a valid query for the system to process
<b>Trigger:</b>	The user wishes to search for reviewers for research papers who satisfy criteria selected by the user.
<b>Priority:</b>	Critical: One of the most important features.
<b>Result:</b>	The system returns the list of reviewers, if any, satisfying the criteria specified by the user in a readable format to the GUI
<b>Scenario:</b>	
1. The User navigates to the system's query interface to submit the query	
2. The user specifies criteria to generate the query. Valid criteria can be one/more of the following: <ul style="list-style-type: none"><li>- Location</li><li>- Area of expertise</li><li>- Past experience serving on similar review committees/conferences (as Associate editor / PC chair)</li><li>- Number of research papers published so far</li><li>- Title or part of the title of any research paper/publication</li><li>- Name/part of the name of the author</li><li>- Year of publication of research paper</li><li>- Name/acronym of the conference the author has been a part of</li><li>-</li></ul>	
3. System searches the data store to find records matching the query.	
4. System returns the result in a user friendly format to the GUI for the user to view.	

<b>Use-case: FILTER QUERY RESULT</b>	
<b>Summary:</b>	This use case describes the actions needed to be performed by user to filter the result returned by the system after querying the database.
<b>Actor(s):</b>	Program Committee Chair (User), Editor-in-Chief (User) and System
<b>Pre-condition:</b>	The system must have retrieved result(at least one record) based on the User's query.
<b>Trigger:</b>	The User wants to narrow down the result by using different filters in order to view the best suited candidates
<b>Priority:</b>	High: One of the important features.
<b>Result:</b>	The system displays records that satisfy the filters from the list of records that was queried. Possibly empty.
<b>Scenario:</b>	
1. The user opens the "Filter candidates"view	
2. The user selects one/more of the following filters: <ul style="list-style-type: none"> <li>- Location</li> <li>- Gender</li> <li>- Field of service. For eg., academia or industry</li> <li>- Age range</li> <li>- # of records be displayed on the view at a time</li> <li>- Past records of the user having served on the same committee/conference for 'n' # of years, where 'n' is selected by the user</li> </ul>	
3. System forms a compound filter criteria based on the user's input(s) and applies the same to the records	
4. System displays the filtered records in the view	

<b>Use-case: SEARCH FOR SIMILAR PROFILES</b>	
<b>Summary:</b>	This use case describes the scenario where the user wants to find one/more profiles similar to a given profile
<b>Actor(s):</b>	Program Committee Chair (User), Editor-in-Chief (User) and System
<b>Pre-condition:</b>	User must have retrieved the the profile he wants to find matches against using the search functionality of the system
<b>Trigger:</b>	The user wants to find reviewers who have profile similar to the given profile
<b>Priority:</b>	High: One of the major features
<b>Result:</b>	System returns similar profiles, if any, to the view in a user-readable format
<b>Scenario:</b>	
1. The user selects and enters the “Find similar profile” view.	
2. The user specifies one or more attributes from the given profile as matching criteria	
3. The System processes user’s inputs and looks for similar profiles. If similar profiles are found, they are returned in decreasing order of their similarity to the input profile.	
4. The System displays the results in the order of their priority.	

**Use-case SORT RESULT BY AN ATTRIBUTE**

<b>Summary:</b>	The user wants to sort the records returned by the system on querying by using an attribute of the result
<b>Actor(s):</b>	Program Committee Chair (User), Editor-in-Chief (User), and System
<b>Pre-condition:</b>	The user must have queried the system with some criteria, and received a non-empty response from the system.
<b>Trigger:</b>	The User wants to sort the list of records by using some attributes, to make it easier for him to select reviewers
<b>Priority:</b>	Moderate: Need to be implemented after critical features
<b>Result:</b>	The system presents the user with the sorted list of records

**Scenario:**

1. The User selects one/more attribute(s) from the list of records, as sorting criteria
2. User then selects order of sort (ascending/descending)
3. System sorts the list and updates the view to reflect the same

<b>Use-case: LOGIN</b>	
<b>Summary:</b>	The user logs into the system to find potential members for the Program Committee / Editorial Board
<b>Actor(s):</b>	Program Committee Chair (User), Editor-in-Chief (User), and System
<b>Pre-condition:</b>	The user must be registered in the system as a. Program Committee Chair or b. Editor-in-Chief
<b>Trigger:</b>	The user wants to utilize the system to find suitable candidates for program committee/journal
<b>Priority:</b>	High: Needs to be implemented before other features
<b>Scenario:</b>	
1. The User goes to the login view	
2. The User enters his/her username (can also be email address)	
3. The User enters his/her password (at least 8 characters in length).	
3. System validates the username and password: <ul style="list-style-type: none"> <li>- If username and password are valid, system redirects the user to the landing page that enables user to perform all the other operations</li> <li>- If username and password are not valid, system shows appropriate error message to the user, and keeps the user on the login view.</li> </ul>	

<b>Use-case: COMPARE PROFILES</b>	
<b>Summary:</b>	User compares list of authors with similarity in the attributes such as affiliation type, citation count above certain number
<b>Actor(s):</b>	Program Committee Chair (User), Editor-in-Chief (User), and System
<b>Pre-condition:</b>	The user must have queried the system with some criteria, and received a non-empty response from the system.
<b>Trigger:</b>	The user decides to identifying suitable candidates for their committees
<b>Priority:</b>	Medium: Need to be implemented after important features
<b>Result:</b>	The system presents the user with a comparison report for the selected authors in the list
<b>Scenario:</b>	
1. The User selects two/more authors from the list of records	
2. User clicks “compare” button	
3. System presents the user with a tabulated comparison for the selected authors	