

Use Cases

Use Case Description 1	
Use case id: 001	
Summary	This use case allows user to search for authors based on keywords in the title
Actors	PC Chairs, Associate Editors & System
Pre-Conditions	The publication data is available
Post-Conditions	Authors or a list of authors who meet the conditions specified by user are generated
Priority	Required (High)
Scenarios	
1) User starts the application for searching candidate. <i>System displays a form where user can enter different search constraints (Number of papers published, keywords in title, conference/journal etc)</i>	
2) User enters the keywords (in the title) to be searched within "" separated by ; in "keywords" area	
3) User clicks on search button <i>System generates a list of authors satisfying this condition</i>	
4) User can select the author from the result list to view his/her details <i>System directs to selected author's homepage</i>	
Exceptions	
1) There are no authors available in the publication data whose title contains the keywords user entered	

Use Case Description 2	
Use case id: 002	
Summary	This use case allows user to search for authors based on number of papers published, name of conference publications and journal, and their published year
Actors	PC Chairs, Associate Editors & System
Pre-Conditions	The publication data is available
Post-Conditions	Authors or a list of authors who meet the conditions specified by user are generated
Priority	Required (High)
Scenarios	
1) User starts the application for searching candidate. <i>System displays a form where user can enter different search constraints (Number of papers published, keywords in title, conference/journal etc)</i>	

2) a) User selects number of papers as '1' – '5' (indicating number of papers in the range 1 to 5) b) 'Conference publication' as "OOPSLA", c) 'Year of publication' as '2010' – '2011' (indicating publication year: 2010 and 2011)
3) User clicks on search button <i>System generates a list of authors satisfying this condition</i>
4) User can select the author from the result list to view his/her details <i>System directs to selected author's homepage</i>
Exceptions
1) There are no authors available in the publication data whose title contains the keywords user entered
2) User inputs invalid range: i.e. 'Publication year' as 2014 - 2011 'Number of papers': '5' - '4'

Use Case Description 3	
Use case id: 003	
Summary	This use case allows user to find authors with similar profile
Actors	PC Chairs, Associate Editors & System
Pre-Conditions	The publication data is available. The search result (for any query) is displayed with ≥ 1 result records
Post-Conditions	Authors or a list of authors who meet the conditions specified by user are generated
Priority	Required (High)
Scenarios	
1) <i>User is displayed with search result from use case 1 or 2</i> User selects a particular author from the displayed search list	
2) User clicks on search button <i>Author list matching with the author's name which is selected by the actor is displayed</i>	
3) User can select the author from the result list to view his/her details <i>System directs to selected author's homepage</i>	
Exceptions	
1) There are no authors available in the publication data whose title contains the keywords user entered	

Use Case Description 4	
Use case id: 004	
Summary	This use case allows user to filter and sort identified authors
Actors	PC Chairs, Associate Editors & System
Pre-Conditions	The publication data is available. The search result (for any query) is displayed with \geq result records

Post-Conditions	Author or a list of authors who meet the conditions specified by user are generated in specific order
Priority	Medium
Scenarios	
1) User is displayed with search result from use case 1 or 2	
2) User click on sort icon in the header of result list table to sort result based on the column (ascending or descending -> up arrow for ascending and down arrow for descending) <i>The system sorts the result by column and displays it to the user</i>	
3) User selects degree as "PhD/Masters" in the filter section under 'Qualifications' <i>Filtered list is displayed</i>	
4) User can select the author from the result list to view his/her details <i>System directs to selected author's homepage</i>	
Exceptions	
1) The list is already sorted or there are no authors who meet the filter condition	

Use Case Description 5	
Use case id: 005	
Summary	This use case allows user to create a favorites of selected authors for a session
Actors	PC Chairs, Associate Editors, System
Pre-Conditions	The publication data is available
Post-Conditions	List of all the candidates that user likes is stored in the user's list of favorites
Priority	Low (optional)
Scenarios	
1) User opens the application and the session begins	
2) User inputs number of papers	
3) User selects 'Conference publication' as "OOPSLA or ECOOP"	
4) User clicks on search button <i>System generates a list of authors satisfying this condition</i>	
5) User selects an author he/she thinks as good and click on 'Add' button in the same row. <i>System add the author to user's cart</i>	
6) User navigates to cart by clicking on 'Go to favorites' link at top right corner of the application page	
7) User can see a list of authors he/she has added previously along with the author he selected in step 3	
Exceptions	
1) There are no authors available in the publication data who meets the requirements or enters invalid input to 'number of papers' published.	
2) If the browser is closed or the session is timed out, the favorites list is not saved	