Extract product line from Easy Chair specifications

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1 Scenario SCO1

1.1 Description:

This scenario allows authors to submit their papers. It can be configured according to optional fields (abstract, conflict of interest, and so on), the accepted format of papers, and post submission processes (such as auto validation).

1.2 Related feature

Cyber Chair

1.3 Flow of events

Code	Feature	User Action	System Response
SCO1.01	Submission Form	The author selects the Submit Paper option in the main menu.	The system asks the main author to create an authentication profile (that requires an email address and password).
SCO1.02	Submission Form	The main author informs the email address and password.	The system creates the author authentication profile, and asks him to inform - the paper's title, and - for each author, the name, address and affiliation. - the related topics of the paper
SCO1.03	Submission Form	The main author informs the paper's title, authors' data, and related topics. Selects the Proceed option.	The system updates the paper's submission with the informed title, authors' data, and related topics.
SCO1.04(A)	Abstract	-	The system asks the main author to fill in the paper's abstract
SCO1.05(A)	Abstract	The main authors fills in the paper's abstract and selects the Proceed option.	The system verifies that the abstract does not have the maximum number of characters allowed in the conference.
SCO1.06(A)	Abstract	-	The system updates the paper's submission with the informed abstract.
SCO1.07(A)	Conflict of Interest	-	The system asks the main author to inform any conflict of interest with the members of the program committee.
SCO1.08(A)	Conflict of Interest	The main authors selects the members of the program committee that have any conflict of interest.	The system updates the paper's submission with conflicts.
SCO1.09	File Type	-	The system asks the main author to upload the paper in one of the valid formats ($FileType$).
SCO1.10	Submit a Paper	The main authors selects the members of the program committee that have any conflict of interest.	The system updates the paper's submission with conflicts.
SCO1.11(B)	Auto Validation	-	The system verifies that the numbers of pages and characters adhere to the conference's constraints.
SCO1.12	Auto Validation	-	The system verifies that all fonts are embedded in the paper and that the images obey the conference's restrictions.
SCO1.13	Submission Form	-	The system presents a summary of the submission and sends a message to the paper's authors.

2 Scenario SCO2

2.1 Description:

This optional scenario allows authors to submit their papers in the offline mode. It is available in products that do not require extended data (such as abstract of conflicts). Before starting this scenario, an author must download and fill the electronic form to be uploaded together with the version of the paper.

2.2 Related feature

Off-line submission of papers

2.3 Flow of events

Code	Feature	User Action	System Response
SCO2.01	Off-line submission of papers	The author selects the Offline Submission option in the main menu.	The system asks the main author to create an authentication profile (that requires an email address and password).
SCO2.02	Off-line submission of papers	The main author informs the email address and password.	The system retrieves the reviewers that have previously informed interest in the research topics of the paper. The number of papers that has already been assigned to each reviewer is shown.
SCO2.03	Off-line submission of papers	The main author uploads the requested files.	The system extracts from the electronic form the submission data.
SCO2.04	Off-line submission of papers	-	The system creates a conventional submission of the paper.
SCO2.05	Off-line submission of papers	-	The system verifies that the numbers of pages and characters adhere to the conference's constraints.
SCO2.06	Off-line submission of papers	-	The system verifies that all fonts are embedded in the paper and that the images obey the conference's restrictions.
SCO2.07	Off-line submission of papers	-	The system presents a summary of the submission and sends a message to the paper's authors.

3 Scenario SCO3

3.1 Description:

This scenario allows the general chair to start the process of assigning papers to the members of the program committee. This scenario is configured

according to the paper distribution process, which might be based on the explicit preferences of the member or by an inference rule engine.

3.2 Related feature

Cyber Chair

3.3 Flow of events

Code	Feature	User Action	System Response
SCO3.01	Assign Papers to Reviewers	The general chair selects the Assign Papers to Reviewers option in the main menu.	The system retrieves and shows the list of submitted papers. The number of reviewers assign to each paper is shown to the general chair.
SCO3.02(A)	Preference Based	The general chair selects a specific paper.	The system retrieves the reviewers that have previously informed interest in the research topics of the paper. The number of papers that has already been assigned to each reviewer is shown.
SCO3.03(A)	Conflict of Interest	The general chair selects one of the reviewers and click on the Assign option.	The system verifies that there is no conflict of interest with the selected reviewer.
SCO3.04(A)	Preference Based	-	The system assigns the paper to the selected reviewer. The process may be repeated until the general chair selects the option check distribution of papers.
SCO3.05(A)	Preference Based	The general chair selects the Check Distribution of Papers option.	The system verifies that all papers have been assigned to at least three reviewers and that each reviewer have been assigned to a uniformly distribution of papers. If any fault is found, the system will not able the program chair to close the assignment and this process repeat until all constraints have been solved.
SCO3.06(B)	Inference Based	The general chair selects the auto distribution process (available only in products that are configured with the Inference Based distribution process).	The system, considering - the related topics of each paper - the number of reviewers per paper - the number of papers per reviewer, and - the reviewer's interest and knowledge in the topics automatically generate a distribution of the papers to the reviewers, showing it to the general chair.
SCO3.07(B)	Inference Based	The general chair is able to change the assignment of papers to reviewers.	The system verifies that all constraints are being obeyed . If it this is not true, this process must repeat.
SCO3.08	Assign Papers to Reviewers	The general chair selects the Close Assignment of Papers option.	The system sends the evaluation forms and urls of assigned papers to each reviewer.
SCO3.09	Assign Papers to Reviewers	-	The system starts the period of paper evaluation, allowing the members of the program committee to send their revisions.

4 Scenario SCO4

4.1 Description:

This optional scenario allows the general chair to start the process of solving conflicts of interests automatically. Notice, conflicts can also be solved when a member of the program committee refutes to reviewer a paper.

4.2 Related feature

Cyber Chair

4.3 Flow of events

Code	Feature	User Action	System Response
SCO4.01	Auto Conflict Detection	The general chair selects the Auto Resolve Conflicts option in the main menu.	The system creates a conflict of interest. The the following situations characterizes a conflict of interest: a) when, during the submission of a paper, the main author selects some of the PC members as having conflicts, b) when one author of a paper is also a member of the program committee, or c) when one PC member has the same affiliation of the main author of a paper In all of this cases, the PC member is not allowed to review the respective paper.
SCO4.02	Auto Conflict Detection	-	The system shows the list of identified conflicts to the general chair.
SCO4.03	Auto Conflict Detection	The general chair confirms the detected conflicts of interest.	The system updates the the submission, indicating all identified conflicts.
SCO4.04	Auto Conflict Detection	-	The system sends a message to the authors of the papers that were changed.