Extract product line from Easy Chair specifications

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1 Scenario SC01

1.1 Description:

This scenario allows authors to submit their papers.

1.2 Flow of events

Code	Feature	User Action	System Response
SC01.1	-	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).
SC01.2	-	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
SC01.3	-	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.
SC01.4	-	-	The system asks the main author to upload the paper in one of the valid formats ¡ FileType ¿.
SC01.5	-	The main author uploads the file corresponding to the submitted version of the paper.	The system updates the paper's submission with the uploaded file.
SC01.6	-	-	The system presents a summary of the submission and sends a message to the paper's authors.

2 Scenario SC02

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).

2.2 Flow of events

Code	Feature	User Action	System Response
SC02.1	-	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).
SC02.2	-	The main author informs the email address and password.	The system creates the author authentication profile, and asks him to submit upload both electronic form and paper.
SC02.3	-	The main author uploads the requested files.	The system extracts from the electronic form the submission data.
SC02.4	-	-	The system creates a conventional submission of the paper.
SC02.5	-	-	The system verifies that the numbers of pages and characters adhere to the conference's constraints.
SC02.6	-	-	The system verifies that all fonts are embedded in the paper and that the images obey the conference's restrictions.
SC02.7	-	-	The system presents a summary of the submission and sends a message to the paper's authors.

3 Scenario SC04

3.1 Description:

This optional scenario allows the general chair to start the process of solving conflicts of interests automatically.

3.2 Flow of events

Code	Feature	User Action	System Response
SC04.1	-	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.
SC04.2	-	-	The system shows the list of identified conflicts to the general chair.
SC04.3	-	The general chair confirms the detected conflicts of interest.	The system updates the the submission, indicating all identified conflicts.
SC04.4	-	-	The system sends a message to the authors of the papers that were changed.

4 Scenario SCO3

4.1 Description:

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

4.2 Flow of events

Code	Feature	User Action	System Response
SC03.01	-	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.
SC03.02	-	The general chair selects the Close Assignment of Papers option.	The system sends the evaluation forms and urls of assigned papers to each reviewer.
SC03.03	-	-	The system starts the period of paper evaluation, allowing the members of the program committee to send their revisions.

5 Scenario ADV04

5.1 Description:

This advice is fired if "Paper Distribution" feature is set to "Inference Based"

5.2 Pointcut:

SC03.1

5.3 Flow of events

Code	Feature	User Action	System Response
ADV04-01	-	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.
ADV04-02	-	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.

6 Scenario ADV05

6.1 Description:

tHIS aDVICE IS FIRED IF Paper Distribution IS SET TO (Preference Based)

6.2 Pointcut:

SC03.1

6.3 Flow of events

Code	Feature	User Action	System Response
ADV05.01	-	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.
ADV05.02	-	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.
ADV05.03	-	-	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.
ADV05.04	-	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.

7 Scenario ADV1

7.1 Description:

This advice is fired if the Optional Field (Abstract) is enabled

7.2 Pointcut:

SC01.3

7.3 Flow of events

Code	Feature	User Action	System Response
ADV01-01	-	-	The system asks the main author to fill in the paper's abstract
ADV01-02	-	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.
ADV01-03	-	-	The system updates the paper's submission with the informed abstract.

8 Scenario ADV2

8.1 Description:

This advice is fired if the optional field "Conflicts of Interest" is enabled

8.2 Pointcut:

SC01.4

8.3 Flow of events

Code	Feature	User Action	System Response
ADV02-01	-	-	The system asks the main author to inform any conflict of interest with the members of the program committee.
ADV02-02	-	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.

9 Scenario ADV3

9.1 Description:

This advice is fired if feature "Auto Validation" is enabled

9.2 Pointcut:

SC01.6

9.3 Flow of events

Code	Feature	User Action	System Response
ADV03-01	-	-	The system verifies that the numbers of pages and characters adhere to the conference's constraints.
ADV03-02	-	-	The system verifies that all fonts are embedded in the paper and that the images obey the conference's restrictions.

10 Configuration Knowledge

Expression	Transformations
and(Abstract,ConflitsOfIntesrests,AutoValidation)	select scenario SC01, which evaluates advice ADV01, which evaluates advice ADV02, which evaluates advice ADV3
AND (Off-line Submission of Papers, AutoValidation, and(not(Abstract), not(ConflictsOfInterest))	select scenario SC02, which evaluates advice ADV03
(Auto Conflict Detection)	select scenario SC04
PaperDistribution=InferenceBased	select scenario SC03, which evaluates advice ADV04
PaperDistribution=PreferenceBased	select scenario SC03, which evaluates advice ADV05
AutoValidation	evaluate advice ADV03
ConflictsOfInterest	evaluate advice ADV02
FileType	bind parameter FileType to FileType
Abstract	evaluate advice ADV01