

**Reuso Estratégico em Linhas de Produto de Software**

Enviar esse documento preenchido para o email: [rba2@cin.ufpe.br](mailto:rba2@cin.ufpe.br)

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**Cenário de Mudança 01**

**Hora início**: 8:33

**Hora fim:** 8:38

**Scenario 05:** Prepare Proceedings

**Description:** This scenario allows the general chair (or program chair) to prepare the

proceedings, automatically generating the Table of Contents and Author Index. Different formats

are available for products that belong to this product line. Besides that, the general chair can also

provide a specific format for the conference proceedings.

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| **Id** | **User Action** | **Black Box System Response** |
| 1 | The general chair selects the **Prepare Proceedings** options. This option is only available when the review process has already been finished. | The system asks the general chair to inform the editors’ name, address and affiliation. |
| 2 | The general chair informs the editors’ name, address, and affiliation. | The system asks the general chair  to select the proceedings format  (ACM, IEEE, Springer, or User  Defined). |
| 3 | The general chair selects the appropriate format for the proceedings. | The system asks the general chair  to fill in the preface information. |
| 4 | The general chair fills in the preface  information. | The system updates the  proceedings information. |
| 5 |  | The system retrieves the list of  accepted papers, organized by their  respective section. |
| 6 |  | The system generates the  proceedings and shows it to the  general chair. This process can be  repeated at any time after the  review process has been finished. |

SVCM Configuration Knowledge

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| **Feature Expression** | **Tasks** |
| **Submit a Paper** | **select scenario SC01** |
| **Off Line Submission** | **select scenario SC02** |
| **Assignment Papers to Review** | **select scenario SC03** |
| **Auto Conflict Detection** | **select scenario SC04** |
| **Abstract** | **evaluate advice ADV01** |
| **Conflicts of Interest** | **evaluate advice ADV02** |
| **Auto Validation** | **evaluate advice ADV03** |
| **Preference Based** | **evaluate advice ADV04** |
| **Inference Based**  **Prepare Proceedings** | **evaluate advice ADV05**  **select scenario SC05** |
| **File Type** | **bind parameter (FT/File Type)** |

**Cenário de Mudança 02**

**Hora início:** 8:38

**Hora fim:** 8:54

**Advice ADV03: Validate the format of a submitted paper**

**Advice Description:** This advice extends the base definition of Submit a Paper, by validating the format of the submitted paper.

**After**: UploadFile

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| --- | --- | --- |
| **Id** | **User Action** | **System Response** |
| VF01 | - | The system verifies that the numbers of pages and characters adhere to the conference's constraints. |
| VF02 | - | The system verifies that all fonts are embedded in the paper and that the images obey the conference's restrictions. |
| VF03 | - | The system verifies that:  a) The number of lines and characters of the abstract obey the conference constraints.  b) The numbers of pages and characters of the whole paper adhere to the conference's constraints. |
| VF04 | - | The system verifies that all fonts are embedded in the paper. |
| VF05 | - | The system verifies that that the images obey the conference's restrictions about image format. |
| VF06 | - | The system verifies that the font, spacing, and alignment used in the paper adhere to the conference constraints. |

**Cenário de Mudança 03**

**Hora início:** 8:54

**Hora fim:** 9:03

**Advice ADV05: Automatic assignment of papers**

**Advice Description:** This advice extends the base definition of Assign Papers to Reviewers, by representing the alternative behavior related to the automatic process of assignment.

**After**: AssignProcess

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| **Id** | **User Action** | **System Response** |
| AA01 | The general chair selects the auto distribution process (available only in products that are configured with the Inference Based distribution process). | The system asks the general chair to inform the criteria  used to assign paper to reviewers. Two options  are available: Degree of Experience and Informed  Preferences of the reviewers. |
| AA02 | The general chair selects on of the options available to automatically assign papers to reviewers. | Based on the chosen criteria, the system automatically  generates a distribution of the papers to the reviewers,  showing it to the general chair the related topics  of each paper.  This process considers:  a) The criteria selected by the general chair  b) the number of reviewers per paper  c) the number of papers per reviewer, and  d) the reviewer's interest and knowledge in the topics |
| AA03 | 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. |

**Cenário de Mudança 04**

**Hora início:** 9:03

**Hora fim:** 9:13

Obs: Cor verde significa o que foi adicionado

**Scenario 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**).

**Required Feature: Submit a paper (mandatory feature)**

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| **Id** | **User Action** | **System Response** |
| S01 | The author selects the **Submit Paper** option in the main menu. | The system retrieves and shows the welcome  message. |
| S02 | - | The system asks the main author to create an authentication profile (that requires an email address and password). |
| S03 | 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 |
| S04 | 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.  **[BasicData]** |
| S05 | - | The system asks the main author to upload the paper in one of the valid formats <FT>. |
| S06 | 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.  **[UploadFile]** |
| S07 |  | The system presents a summary of the submission and sends a message to the paper's authors. |

**Cenário de Mudança 05**

**Hora início:** 9:13

**Hora fim:** 9:17

Obs: vermelho significa o que foi removido

**Advice ADV03: Validate the format of a submitted paper**

**Advice Description:** This advice extends the base definition of Submit a Paper, by validating the format of the submitted paper.

**After**: UploadFile

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| --- | --- | --- |
| **Id** | **User Action** | **System Response** |
| VF01 | - | The system verifies that the numbers of pages and characters adhere to the conference's constraints. |
| VF02 |  | The system verifies that all fonts are embedded in the paper and that the images obey the conference's restrictions. |

SVCM Configuration Knowledge

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| **Feature Expression** | **Tasks** |
| **Submit a Paper** | **select scenario SC01** |
| **Off Line Submission** | **select scenario SC02** |
| **Assignment Papers to Review** | **select scenario SC03** |
| **Auto Conflict Detection** | **select scenario SC04** |
| **Abstract** | **evaluate advice ADV01** |
| **Conflicts of Interest** | **evaluate advice ADV02** |
| **Auto Validation** | **evaluate advice ADV03** |
| **Preference Based** | **evaluate advice ADV04** |
| **Inference Based** | **evaluate advice ADV05** |
| **File Type** | **bind parameter (FT/File Type)** |

**Cenário de Mudança 06**

**Hora início:** 9:18

**Hora fim:** 9:25

**Scenario 06:** Define Custom Fields

**Description:** This scenario allows the general chair (or program chair) to define custom fields

that are required in the submission process.

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| **Id** | **User Action** | **Black Box System Response** |
| 1 | The general chair selects the Custom Fields  option, while defining a new conference. | The system asks the general chair to define the custom fields. For each custom field, the general chair must inform:  - the field name,  - the field description,  - the field type (text, date, boolean)  - if the field is mandatory or optional |
| 2 | The general chair informs the requested information. | The system updates the conference information, registering the new set of  custom fields. |

SVCM Configuration Knowledge

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| **Feature Expression** | **Tasks** |
| **Submit a Paper** | **select scenario SC01** |
| **Off Line Submission** | **select scenario SC02** |
| **Assignment Papers to Review** | **select scenario SC03** |
| **Auto Conflict Detection** | **select scenario SC04** |
| **Abstract** | **evaluate advice ADV01** |
| **Conflicts of Interest** | **evaluate advice ADV02** |
| **Auto Validation** | **evaluate advice ADV03** |
| **Preference Based** | **evaluate advice ADV04** |
| **Inference Based**  **Custom Fields** | **evaluate advice ADV05**  **select scenario SC06** |
| **File Type** | **bind parameter (FT/File Type)** |