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| Requirement#:2 | Requirement type: Functional | Use case #: |
| ­­­Description: the system should manage the access of PC members and referees to papers and conflicts of interests. | | |
| Rationale: the system should allowed multiple members access the database at the same time | | |
| Source: PC member and referees | | |
| Fit Criterion: the PC member and referee can access the database without conflicts | | |
| Dependencies: none | | |
| Rank of importance: Essential | | |
| Supporting Materials: none | | |
| History: Create by Zhengyu Yuan on 08/09/2014 | | |

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| Requirement#:4 | Requirement type: Functional | Use case #: |
| ­­­Description: the system should let the SC member send the CFP to the researchers who want to submit a paper and post CFP on the website | | |
| Rationale: the SC need to attract more researchers submit papers | | |
| Source: SC member | | |
| Fit Criterion: the researcher can get the CFP paper. | | |
| Dependencies: none | | |
| Rank of importance: Essential | | |
| Supporting Materials: CFP | | |
| History: Create by Zhengyu Yuan on 08/09/2014 | | |

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| Requirement#:5 | Requirement type: Functional | Use case #: |
| ­­­Description: the system should provide the reminder email and automatically extend one week for the PC member who did not submit their evaluation paper on time, and a ability to reallocate the paper to another PC member | | |
| Rationale: the PC member need to know they did not submit evaluation on time, if they do not want to evaluation it anymore, the paper should be gave to another PC member | | |
| Source: SC | | |
| Fit Criterion: the PC can get the reminder and extra one week, and the paper will be evaluated. | | |
| Dependencies: none | | |
| Rank of importance: Essential | | |
| Supporting Materials: paper | | |
| History: Create by Zhengyu Yuan on 08/09/2014 | | |

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| Requirement#:6 | Requirement type: Functional | Use case #: |
| ­­­Description: the system should let PC member change the status of the paper, if the paper is accepted, the system should send the review paper to author | | |
| Rationale: the author should know the their paper’s status and get the review paper | | |
| Source: the author | | |
| Fit Criterion: the author know their paper’s status and if their paper is accepted, the author can receive the review paper. | | |
| Dependencies: none | | |
| Rank of importance: Essential | | |
| Supporting Materials: review paper | | |
| History: Create by Zhengyu Yuan on 08/09/2014 | | |

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| Requirement#:7 | Requirement type: Functional | Use case #: |
| ­­­Description: the system should provide a submission function for letting accepted paper’s author submit two paper, one has header, another not | | |
| Rationale: this is for “blind process”. | | |
| Source: PC member | | |
| Fit Criterion: system received two kinds of paper | | |
| Dependencies: none | | |
| Rank of importance: Essential | | |
| Supporting Materials: the two kinds of final version of accepted paper | | |
| History: Create by Zhengyu Yuan on 08/09/2014 | | |

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| Requirement#:8 | Requirement type: Functional | Use case #: |
| ­­­Description: the system should send a reminder to the accepted paper’s author for reminding them that they have 2-3 weeks for preparing final version | | |
| Rationale: give time for accepted paper’s author to prepare final version | | |
| Source: the accepted paper’s author | | |
| Fit Criterion: the accepted paper’s author received reminder email | | |
| Dependencies: none | | |
| Rank of importance: Essential | | |
| Supporting Materials: none | | |
| History: Create by Zhengyu Yuan on 08/09/2014 | | |

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| Requirement#:9 | Requirement type: Functional | Use case #: |
| ­­­Description: the system should send a reminder to the accepted paper’s author let them know the final version should be a PDF file | | |
| Rationale: the paper format should be PDF file | | |
| Source: the PC member | | |
| Fit Criterion: the PC member received the PDF format paper | | |
| Dependencies: none | | |
| Rank of importance: Essential | | |
| Supporting Materials: none | | |
| History: Create by Zhengyu Yuan on 08/09/2014 | | |

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| Requirement#:10 | Requirement type: Functional | Use case #: |
| ­­­Description: the system should provide a payment information for industry sponsor and participant | | |
| Rationale: the organization need money for operation | | |
| Source: the organization | | |
| Fit Criterion: the organization received money | | |
| Dependencies: none | | |
| Rank of importance: Essential | | |
| Supporting Materials: none | | |
| History: Create by Zhengyu Yuan on 08/09/2014 | | |

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| Requirement#: 11 | Requirement type: Functional | Use case #: |
| ­­­Description: the system should make the registration fees of the accepted paper’s author lower than others. | | |
| Rationale: the author’s paper has been accepted | | |
| Source: the accepted paper’s author | | |
| Fit Criterion: the accepted paper’s author pay lower than others for registration fees | | |
| Dependencies: none | | |
| Rank of importance: Essential | | |
| Supporting Materials: none | | |
| History: Create by Zhengyu Yuan on 08/09/2014 | | |

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| Requirement#: 12 | Requirement type: Functional | Use case #: |
| ­­­Description: the system should let at least one of the accepted author register via website | | |
| Rationale: the author need to register for letting their paper being included in the conference proceeding | | |
| Source: SC | | |
| Fit Criterion: the system has the record of the registration of the accepted paper’s author | | |
| Dependencies: none | | |
| Rank of importance: Essential | | |
| Supporting Materials: none | | |
| History: Create by Zhengyu Yuan on 08/09/2014 | | |

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| Requirement#: 13 | Requirement type: Functional | Use case #: |
| ­­­Description: the system should exclude the paper from conference proceeding if the author did not register | | |
| Rationale: the author need to register for letting their paper being included in the conference proceeding | | |
| Source: SC | | |
| Fit Criterion: if the accepted paper’s author did not register, their paper will not be founded from the conference proceeding | | |
| Dependencies: none | | |
| Rank of importance: Essential | | |
| Supporting Materials: none | | |
| History: Create by Zhengyu Yuan on 08/09/2014 | | |

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| Requirement#: 14 | Requirement type: Functional | Use case #: |
| ­­­Description: the system should send the copy of the conference proceeding to the people who have already registered. | | |
| Rationale: the registration fee contain the cost of conference proceeding | | |
| Source: people who registered | | |
| Fit Criterion: people who register received the copy of the conference proceeding | | |
| Dependencies: none | | |
| Rank of importance: Essential | | |
| Supporting Materials: the copy of the conference proceeding | | |
| History: Create by Zhengyu Yuan on 08/09/2014 | | |

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| Requirement#: 15 | Requirement type: Functional | Use case #: |
| ­­­Description: the system should provide a link to a accommodation website, let the participant book the accommodation | | |
| Rationale: the participant need to find the living place during the conference time | | |
| Source: participant | | |
| Fit Criterion: participant found their living place | | |
| Dependencies: none | | |
| Rank of importance: Essential | | |
| Supporting Materials: | | |
| History: Create by Zhengyu Yuan on 08/09/2014 | | |

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| Requirement#: 16 | Requirement type: Functional | Use case #: |
| ­­­Description: the system should provide a payment address for letting the participant pay the registration fee and conference banquet fee | | |
| Rationale: the organization need money for the operation | | |
| Source: SC | | |
| Fit Criterion: organization received the money | | |
| Dependencies: none | | |
| Rank of importance: Essential | | |
| Supporting Materials: none | | |
| History: Create by Zhengyu Yuan on 08/09/2014 | | |

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| Requirement#: 17 | Requirement type: Functional | Use case #: |
| ­­­Description: the system should send the schedule for the presentation to the participant and published on their website. | | |
| Rationale: the participant needs to know the schedule for the presentation | | |
| Source: participant | | |
| Fit Criterion: participant know the schedule for the presentation | | |
| Dependencies: none | | |
| Rank of importance: Essential | | |
| Supporting Materials: schedule for the presentation | | |
| History: Create by Zhengyu Yuan on 08/09/2014 | | |

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| Requirement#: | Requirement type: Functional | Use case #: |
| ­­­Description: The system should have a database to manage all the text files, Word documents, Excel spreadsheets, image, video, audio files a lot of information about PC members, industrial sponsors, contents of conference  Web sites, conference participants, their contributions | | |
| Rationale: all file need be stored, there are lots of files in it. If we use the database , we can find these easily. Get a copy for all file. | | |
| Source: administration | | |
| Fit Criterion: didn’t lost file and easy to find file which u want. | | |
| Dependencies: none | | |
| Rank of importance: Essential | | |
| Supporting Materials: all file | | |
| History: Create by Junyan Fan on 08/09/2014 | | |

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| Requirement#: | Requirement type: Functional | Use case #: |
| ­­­Description: The system should provide communicate with PC members, sponsors, participants, and to receive submissions, and to distribute the outcomes of the evaluations. Use email to inform participants. | | |
| Rationale: different user need have communication in the system, if we have some outcome, we need tell user using email. | | |
| Source: administration | | |
| Fit Criterion: let them communication easily on system , can email to user if have result | | |
| Dependencies: none | | |
| Rank of importance: Essential | | |
| Supporting Materials: outcomes of the evaluation | | |
| History: Create by Junyan Fan on 08/09/2014 | | |

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| Requirement#: | Requirement type: Functional | Use case #: |
| ­­­Description: system need provide different level of access to system for four group of user | | |
| Rationale: different user have different limits of authority | | |
| Source: administration | | |
| Fit Criterion: let different user can access fit area of the system | | |
| Dependencies: none | | |
| Rank of importance: Essential | | |
| Supporting Materials: none | | |
| History: Create by Junyan Fan on 08/09/2014 | | |

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| Requirement#: | Requirement type: Functional | Use case #: |
| ­­­Description: system need use history to get the PC member | | |
| Rationale: system can search the history and judgment best PC and list them | | |
| Source: SC | | |
| Fit Criterion: get the best PC member from the history | | |
| Dependencies: none | | |
| Rank of importance: Essential | | |
| Supporting Materials: history information of PC | | |
| History: Create by Junyan Fan on 08/09/2014 | | |

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| Requirement#: | Requirement type: Functional | Use case #: |
| ­­­Description: system can get all paper and store them, distribute all paper to reviewer | | |
| Rationale: all paper need to store, and send to reviewer. | | |
| Source: administration | | |
| Fit Criterion: every paper can be stored and every paper can be distributed to reviewer | | |
| Dependencies: none | | |
| Rank of importance: Essential | | |
| Supporting Materials: paper | | |
| History: Create by Junyan Fan on 08/09/2014 | | |

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| Requirement#: | Requirement type: Functional | Use case #: |
| ­­­Description: system need let reviewer use work group sub system to collect review | | |
| Rationale: use work group sub system is good for review’s collect | | |
| Source: administration | | |
| Fit Criterion:all reviewer can use work group sub system to collect review. | | |
| Dependencies: none | | |
| Rank of importance: Essential | | |
| Supporting Materials: review | | |
| History: Create by Junyan Fan on 08/09/2014 | | |

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| Requirement#: | Requirement type: Functional | Use case #: |
| ­­­Description: system will provide paper’s informed automatically (acceptance or rejection) to author. | | |
| Rationale: the author need know their paper whether be accepted | | |
| Source: author | | |
| Fit Criterion: the author can get their paper’s inform | | |
| Dependencies: none | | |
| Rank of importance: Essential | | |
| Supporting Materials: none | | |
| History: Create by Junyan Fan on 08/09/2014 | | |

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| Requirement#: | Requirement type: Functional | Use case #: |
| ­­­Description: system provide the industry sponsors to SC with the history information | | |
| Rationale: system have the history information about industry sponsors, if we need industry sponsors, we can judge the history and get best industry sponsors to SC | | |
| Source: SC | | |
| Fit Criterion:SC get the best industry sponsors | | |
| Dependencies: none | | |
| Rank of importance: Essential | | |
| Supporting Materials: history information about industry sponsors | | |
| History: Create by Junyan Fan on 08/09/2014 | | |

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| Requirement#: | Requirement type: Functional | Use case #: |
| ­­­Description: system need provide list of the latest events. | | |
| Rationale: the system need let every participants know the latest event and put it on the system interface | | |
| Source: all user | | |
| Fit Criterion: every user can know the latest event | | |
| Dependencies: none | | |
| Rank of importance: Essential | | |
| Supporting Materials: none | | |
| History: Create by Junyan Fan on 08/09/2014 | | |

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| Requirement#: | Requirement type: Functional | Use case #: |
| ­­­Description: system can provide automatic preparation of conference proceedings, collect all paper. | | |
| Rationale: system need collect all paper about conference proceeding, we will need them and send to every users | | |
| Source: conference organize | | |
| Fit Criterion: let all paper about conference proceeding together, don’t lost | | |
| Dependencies: none | | |
| Rank of importance: Essential | | |
| Supporting Materials: paper about conference proceeding | | |
| History: Create by Junyan Fan on 08/09/2014 | | |

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| Requirement#: | Requirement type: optional | Use case #: |
| ­­­Description: system will let the author response (aka rebuttal) phase, when the author can respond to the reviews | | |
| Rationale: system will let author know the response, and let them have chance to say their view. | | |
| Source: author | | |
| Fit Criterion: author can get response in system and successful say own view | | |
| Dependencies: none | | |
| Rank of importance: Essential | | |
| Supporting Materials: paper | | |
| History: Create by Junyan Fan on 08/09/2014 | | |

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| Requirement#: | Requirement type: optional | Use case #: |
| ­­­Description: system will monitoring email | | |
| Rationale: system can know every email sent and got, and collect all information about the email | | |
| Source: administration | | |
| Fit Criterion :get all information about email and store their time and object | | |
| Dependencies: none | | |
| Rank of importance: Essential | | |
| Supporting Materials: email | | |
| History: Create by Junyan Fan on 08/09/2014 | | |