**Functionalities Implemented Summary**

1. **Create Account**

Fully implemented. When users create new account, system will check the validity of the username, which includes the length of the username and if it has already been used. System will also check the length of the password.

1. **Login**

Fully implemented. When users login to the system, system will check the validity of the username and password. Password is encrypted using MD5 encryption. Function sends the username and the user type back to system main.

1. **Modify Personal Details**

Fully implemented. Users make the decision on what to be modified and enter as prompted. File updated upon completion

1. **Modify Password**

Fully implemented. Users who want to modify their passwords must enter their password again to reconfirm their identity.

1. **Submit Papers**

Fully implemented. Users who want to submit their paper will be prompt for author details and paper details. Multiple authors can be added for the paper. Users can also submit their paper to the system, of PDF format. ID will be generated by the system for the paper

1. **Modify Paper Submission**

Fully implemented. Users who has submitted a paper would be able to modify his/her submission. Updating the keywords, abstract, title or reuploading the paper.

1. **Specify preference**

Fully implemented. Users who play the role of PC, PC Chairs or Admin are able to specify preference on all the papers submitted into the system. Users are also capable of resubmitting preferences on all papers after doing it once.

1. **Review paper**

Fully implemented. Users are capable of reviewing paper which are assigned to them. The review form is based on the example form provided.

1. **Modify review**

Fully implemented. Users are capable of modifying the reviews they have already submitted into the system. The system will not show papers which has not been reviewed here.

1. **Discuss review**

Fully implemented. Reviewers who are assigned the same paper are able to participate in a discussion with other reviewers and leave a comment based on the reviews done by other reviewers

1. **Assign PC**

Fully implemented. The system looks through the list of users who has registered into the system who holds the role of author and is capable of changing their roles to program committee.

1. **Monitor PC**

Fully implemented. The lists of things the PC Chair is capable of monitoring are number of papers assigned to the PC, paper assigned to each PC, paper which has not been reviewed by PC, paper which has not been reviewed by PC, reviews on paper wrote by each PC, and preferences on each paper by each PC.

1. **Run paper assignment process**

Fully implemented. The system considers many things when assigning a paper to a reviewer, the number of paper user has been assigned so far, the number of reviewers a paper has received so far, and making sure if the paper that is being assigned is not assigned to the contributors.

1. **Manual Assignment of papers**

Fully implemented. The system displays to the user papers which can still be assigned a reviewer, then a reviewer who can still be assigned more papers.

1. **Set number of papers per reviewers**

Fully implemented. PC Chair is capable of changing the number of papers each reviewer receive.

1. **Accept/Reject paper**

Fully implemented. PC Chair is capable of approving or rejecting papers submitted into the system, except a paper which has been contributed by themselves.

1. **Check latest events**

Fully implemented. PC Chair is capable of viewing the latest events in the system. Latest events being actions done in the system by users, such as registering, submitting a paper and submitting a review.

1. **Generate conference proceeding**

Fully implemented. PC Chair is capable of generating conference proceeding (the list of approved papers) and see the details of the paper in the conference proceeding.

1. **Set number of reviewers per paper.**

Fully implemented. PC Chairs are capable of changing the number of reviewers received by each paper.

1. **Run specifying preference process**

Fully implemented. PC chairs are capable of running the process of specifying preferences for users who have yet to specify their preference before the paper assignment process begins.

1. **Enable/Disable review submissions**

Fully implemented. PC Chairs are capable of changing the status of submitting a review into the system at any time.

1. **Enable/Disable review discussions**

Fully implemented. PC Chairs are capable of changing the status of participating in a discussion of papers at any time.

1. **Enable/Disable paper submissions**

Fully implemtned. PC Chairs are capable of changing the status of submitting a paper into the system at any time.

1. **Assign PC Chairs**

Fully implemtned. Admins are capable of looking through the list of users and assign the roles of PC Chairs to users.

1. **Create conference**

Partially implemented. Admin can create a new conference and have users participate in it. The system however is not built to accommodate papers from different conferences.