Online Web Application for Managing National & International Conference System

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Abstract - The process of organizing a conference is time consuming if done manually. This project will automate the processes involved and produce a robust, efficient, secure and inexpensive system. A web-based system will infinitely enhance the management of activities that involve plenty of participants. This is an approach to implementing a conference management system using web service technology and business logic to enhance the workflows of conference management tasks. The system should enable users to register, receive a user name and password, pay the registration fee, to book accommodation and upload files of contributions.

Keywords - Events, Congress, Meetings, Workshops.

1. Introduction

Now-a-days many institutions have started arranging various conferences on national as well as international levels. For this, these institutions need to review the research papers and reply to the same. This is a time acquiring process and also needs man power. To overcome this problem an online web application for managing all the records needed for organizing any national or international conferences is made. This application will be able to review the research papers and reply these as well.

2. Overview

This application will also in turn help to incorporate any prestigious institution and also help skilled students to pave their way to success Conference is a meeting for researchers to present, discuss, identify important problems and formulate future research direction on specific themes. It provides a true learning environment. However, organizing a conference entails plenty of time-consuming work.

This system will provide following features:

1. Management and monitoring of the program committee.
2. Sophisticated and flexible management of the access of Program committee members and referees to papers and conflicts of interests.
3. Paper submission.
4. Submission of reviews.
5. Sending email to PC (Program Committee) members, referees and authors.

The Conference Online Management System (COMS) provides administrative support to conference administrators by structuring and partially automating many of the workflows and management tasks that arise during the preparation of a conference. Furthermore, functions to export statistics and details about delegates and their presentations support the creation of derived documents such as conference proceedings. Delegates are offered a powerful, easy to use platform for registering for the event, maintaining their personal data, submitting abstracts and full papers, performing online payments and obtaining current information. The project provides a turn-key web-based conference management system that supports most administrative tasks of conference, workshop, and seminar organizers. The system manages all vital processes a conference may have, including user registration, paper submission and review, collecting payments from participants, and invoicing. The four module are done which are shown below. The conference system is shown in which four modules are given author, reviewer, administrator, participant, project will automate the process involved and produce a robust, efficient, and secure.

All the Modules related to this system are following:-

2.1 Author

The main function of author is to upload paper, checks review status and views the final result, registers for a conference and uploads the final version of accepted paper and slides.
Sub-modules of author:

- **My conference**: My conference includes the conference name which are done previously which contains event list. In event list are event file, event name and event date are include which seen by author.

- **My profile**: My profile contains the personal information of respective login candidate.

- **News**: News contain the upcoming event which are organized. Here also include event list and that event list contain event file event name and event date.

2.2 Reviewer

The main function of reviewer to sets up topics of interests, responsible for reviewing and rating papers, download papers that allocated to him/her to review, and evaluate and debate on papers and makes recommendation for final decision.

Sub-Modules Of Reviewer :-

- **Check-papers**: Check papers include rating which is given by reviewer. The paper which are upload by the author that paper rated by the reviewer.

2.3 Administrator

The main function of administrator is to manages conference data, does user administration, activates accounts configure initial context of system, edits and updates configuration, configures sending notification e-mails and other system maintenance functions.

Sub-modules of administrator:-

- **Last events**: Last event are those event which are previously occurred. In that event the author submits the paper and that paper or event which are seen by the admin. Admin can see each and every conference which are held in conference management system.

- **Upcoming events**: Upcoming event are those event which will be occur. In that event the author submits the paper and that paper or event which are seen by the admin. Admin can see each and every conference which are held in conference management system

2.4 Participant

Authors and other persons who are interested in this field of research. The role includes all persons registered for the conference.

Fig1: Methodology of conference system

3. Output and Discussions

The result and output is as follows as shown in the figure. The homepage is look like this

3.1 Snapshot of Homepage

Fig2: Snapshot of homepage
4. Conclusion

The system developed is expected to reduce the cost, effort and time in managing a conference. It also promotes paperless and ecofriendly environment by reducing the paperwork involved in a conference. Our future effort is to propose autonomous Conference Management System with the aims further reducing resources in managing conferences.

5. Future Work

- In future we assume to put forth this idea for our institution.
- This project will automate the process involved and produce a robust, efficient, secure and inexpensive system.

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References