

1. **Mini Project Synopsis**

**on**

“CONFERENCE MANAGEMENT SYSTEM-a secured web application”

Submitted

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**ABSTRACT**

Academic conferences provide a platform for knowledge sharing. The major necessity of the present day in most of the institutions for reducing human effort and to save time when conducting such conferences. This project mainly aims to reducing the human effort and also provide security to the articles.

Conference management allows an author to apply their articles for any technical paper and view its status not in timely manner because of manual processes which are followed by many organizers to handle the article process. This project is mainly concentrated in automating this process by a secured web application, it reduces human work and also it is very user friendly for the organizers and This website also provides complete security for the user’s work by using two level authentication.

1. **INTRODUCTION**

Academic conferences provide a social platform for participants to present, learn about, and discuss current research between them. These events are appealing because they create an environment that supports mutual revelation (participants can present about their works and learn about others). Typically, academic conferences encourage different types of interactions between participants, namely formal (presentation of keynotes, research papers, and posters) and informal (casual exchanges between participants during breaks and receptions).

Conference management is a concept of planning and delivery of a conference and post-conference review . Organization of an academic conference is divided into several processes, namely submission, review, decision, and camera-ready paper collection . These processes involve much correspondence between the organizer, participant and reviewers. Because of this, many Conference Management Systems (CMSs) offer online software packages to simplify the management of these conferences.

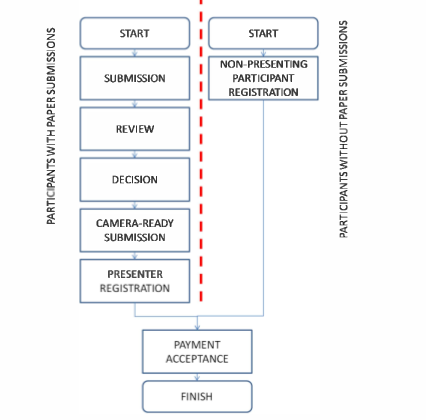


Figure 1. Processes involved in organizing an academic conference

1. **LITERATURE SURVEY**

We have studied many papers related to conference management system. The first paper we studied was “Conference management system” by Ihsan Mohd Yassin, Yuslindawati Md Yusofi, Aiman Johari, Azlee Zabidi and Hasliza Abu Hassan. In this paper we got to know the proper procedure of designing our project.

The other paper we referred was “Web based conference management system” by Pradeep Gurunathan which gave us a brief idea of the main tasks to be handled in a conference management system.

1. **MOTIVATION**

Taking into consideration the time and human resources necessary, in order to reduce them the idea to translate these tasks into a virtual and compact system appeared. Studying the systems for conference management that are available on the market at the current moment it has been noticed that these systems cover the process for management, offers support for multiple users and some for a conference schedule.

The requirement for these type of system that integrate a large number of tasks from the conference management process and other activities, has increased. The systems that are available on the market at the current moment, provide a level of automation that can be further extended and new elements can be integrated.

The usage of these type of systems offers advantages to all categories of users. The program chair can supervise the organization process from any corner of the word, the author can review the submission from anywhere and reviewers can be invited from any corner of the world.

1. **OBJECTIVES**

The primary objective of this project is to define, implement and build a system which offers support for the conference management with proper security, that can be fulfilled only thorough achieving.

One of the objectives of this project are to enhance the efficiency in usage, that is measured through the expressivity and the consistency of the graphical user interface. A user is considered to be efficient when using a system if the time necessary to execute a certain task decreases with each usage.

Another objective is to create a system that allows further improvements, extensions of the current functionality. The system should be able to offer the opportunity to manage conferences, submissions, reviewers.

**Paper Management**

The system should offer the possibility to every user to submit a paper to the conference, to edit that submission. From the moment when the submission is recorded to the system, the user is capable of tracking the status of the paper and request information’s about it.

**Conference Management**

The system should offer to the user the capability to organize, create a conference, offer information’s about it. From the moment the conference is submitted to the system, the organizer should open submissions, invite reviewers, close submissions, assign papers to reviewers and inform the authors about the status of their papers.

**Payment submission**

The system should offer to users the capability to buy a ticket to the conference. Once the sale is registered into the system the user will have a limited time to edit or cancel it. The desired method of payment will be implemented with NIFT and DD.

**Paper/Review assignment**

The system should provide the capability to assign a paper to a set of reviewers. Once the submission period has ended the assignment part should begin. The assignment part consists in using an automated manner, association realized based on some keywords introduced by the reviewer and the keywords introduced in the submission, or based on the previous published papers.

1. **TOOLS AND TECHNOLOGY REQUIREMENT**
2. Tools:
   1. Netbeans
   2. JRE
   3. Java libraries
      1. Mysql-connector.jar
      2. Cos.jar
      3. Mail.1.4.jar
      4. Activation.1.1.jar

2.Technology reguirements:

a. Core java

b. J2EE

c. MySQL

1. **APPLICATIONS**

This project is mainly designed to mange conferences. It can be used in

1. Colleges
2. Companies who manage conferences
3. **CONCLUSION**

This paper provides a conference management system for the academic society. This conference management system can reduce much human power for holding conference via an automatic mechanism. It also supplies many tools for different members, including administrator, reviewers and authors. The Conference Management System is the front end to handle the processes of conference organization

**REFERENCES**

1. Conference management system by Alina Ioana MOLDOVAN
2. A Novel Approach for Web-based Conference Management System by Pradeep Gurunathan .
3. Conference management system by Ihsan Mohd Yassin, Yuslindawati Md Yusofi, Aiman Johari, Azlee Zabidi, Hasliza Abu Hassan.

**Signature of the Guide with Date**