Software Requirements

Specification Document for

**Conference Management System**

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1. **Introduction** 
   1. **Purpose**

The purpose of this document is to describe the software functional and nonfunctional requirements for Conference Management System (CMS), an online system that is meant to support the automatic management of information related to scientific conferences.

* 1. **Document Conventions**

No document conventions are being used at this time.

* 1. **Intended Audience and Reading Suggestions**

This document is intended to be used by members of the project team that will implement and verify the correct functioning of the system.

* 1. **Project Scope**

The purpose of the online, web-based conference management system is to ease the life of everyone who is involved in organizing a conference and to create a convenient, easy-to-use application for all parties involved no matter if they are authors, members of the Program Committee, reviewers or listeners. Above all, we will provide a comfortable user experience, with a clear and clean approach available to anyone.

* 1. **References**

<https://krazytech.com/projects/sample-software-requirements-specificationsrs-report-airline-database?fbclid=IwAR0_exqvpi7u3E1UMf9wiE-w_xi6VhnOqosvBQ-5hnjVgE7WDRLbRrNsyi4>

**2.Overall Description**

**2.1 Product Perspective**

A conference management system stores the following information:

**·** Conference details:

It includes information about the organizer of the conference, the interval in which the event will take place, the name of the conference, the deadlines, the Program Committee, the conference sections, the program, the number of participants, etc.

**·** PC members details:

It includes information about their role (chair/co-chair, reviewer, author, speaker), the abstract they analyze, the papers they evaluate.

**·** Paper description:

It includes information such as the name of the proposal, keywords, the topics of the paper, the possible list of authors and their meta-information, the received qualifier after the evaluation and so on.

**2.2 Product Features**

The major features of a conference management system, as shown in the diagram below are:

**2.3 User Classes and Characteristics**

An user of the system should be able to retrieve conference information for a given conference name. Depending on its type, the user should be able to submit papers, decide if they will review/evaluate the papers and review/evaluate them, become speakers in the conference or simply attend it as listeners. The system will support three types of privileges, PC member (which can be a reviewer/chair/co-chair), Author and Listener. Listeners will have access to login functions, authors will have access to both log in functions and submitting papers functions, and PC members have access both the previous functions and the system functions which describe the conference (the creation of the event, the evaluation of the papers, etc).

The listener should be able to do the following functions:

- Create account

- Log in

- Pay registration

The author should have the following functionalities:

- Listener functions

- Submit paper

- Upload the content of the presentation (only if it's a speaker)

The PC member should have the following management functionalities:

- Listener functions

- Author functions (except the chair and co-chair)

- Create a new event

- Can review and evaluate papers

- Update information

- Supervise conference

- Assign paper to reviewer (only chair and co-chair)

- Change the deadlines (only chair and co-chair)

- Decide if another evaluation is needed (only chair)

- Evaluate paper (only reviewer)

- Announce authors (only reviewer)