

This document is a work in progress!

## 1. INTRODUCTION

### 1.1 PURPOSE

The purpose of this document is to build an online system that allows users to organize and take part in scientific conferences.

### 1.2 DOCUMENT CONVENTIONS

This document uses the following conventions:

Conference Management System    -    CMS

Program Committee                      -    PC

### 1.3 INTENDED AUDIENCE

This project is a college assignment and is restricted within the college premises. This project is useful for scientists or people interested in attending or organizing scientific conferences.

### 1.4 PROJECT SCOPE

The purpose of the online CMS is to ease the organizing of scientific conferences, to provide scientists with an accessible platform to publish their scientific works, as well as to allow people interested in different scientific subjects attend conferences.

### 1.5 REFERENCES

<https://krazytech.com/>

Object Oriented Software Engineering – Bernd Bruegge

## 2. OVERALL DESCRIPTION

### 2.1 PRODUCT PERSPECTIVE

A CMS stores the following information:

- **Conference information:** the PC specifies the name of the conference, the interval in which the event will take place, the “Call for papers”, the deadlines, the PC and the the conference sections and program
- **PC information:** users that are part of the PC are required specify their name, affiliation, email address, their personal web-page, their username for the CMS and the password for accessing the information about the conference
- **Submitter information:** users that want to submit a proposal have to create their own user account, and specify their name, affiliation and email address.

- **Proposal information:** the proposal abstract/full paper, and the meta-information tied to it: name of proposal, keywords, topics, possible list of authors (and their meta-information)
- **Reviewer verdicts:** each paper is reviewed and graded

## 2.2 PRODUCT FEATURES

See UML diagram.

## 2.3 USER CLASSES

Everyone is required to create an account on the website. After creating an account, every user has a different class with respect to each conference (a user can be chair of a conference and a listener of another).

- **Chair:** upon creating a conference and paying the conference fee, a user is the chair of that conference. They can choose to add other co-chairs, add/modify conference information, assign papers to PC members who want to review, create conference structure once proposals are evaluated.
- **PC member:** a user can be invited to be part of the PC by the chairs. They must bid proposals, analyze abstracts or papers and choose whether they want or not to review papers. If they choose to review papers, they will be assigned papers to review and evaluate. In the third phase, they can also supervise a specific section of the conference.
- **Submitters:** anyone can submit a paper after paying a fee. If their paper is reviewed favorably, they can take part in the conference as a **speaker**.
- **Listeners:** anyone can pay a fee to attend a conference.

To be continued :)