**1.Introduction**

*1.1 Purpose*

The purpose of this project is to build a web application in order to help with the management of conferences.

*1.2 Document Conventions*

This project will use the following conventions:

-DB = Database

-AG = Angular

-ER = Entity Relationship

*1.3 Intended Audience and Reading Suggestions*

This project is a prototype for the conference management system and is available for the public.

This has been implemented under the guidance of college professors. This project is useful for the

authors and also for the PC (Program Committee) members.

*1.4 Project Scope*

The purpose of the conference management systems is to ease the planning and conducting of conference

meetings and to create an easy-to-use application for authors who want to submit a review or for staff members

in general.

*1.5 References*

* https://krazytech.com/projects/sample-software-requirements-specificationsrs-report-airline-database

**2. Overall Description**

*2.1 Product Perspective*

A conference management database will hold the information.

*2.2 Product Features*

The major features of the conference management systems are shown below in an ER (Entity-Relationship) model:

*2.3 User Class and Characteristics*

Authors will have access to authors functions, PC members will have access to PC members functions.

Chairs and Co-Chairs (whom are also part of the PC members) will have access to all functions, including some

of their own.

-Authors Functions:

* Submit proposals
* Upload presentations

-PC Members’ Functions:

* Review/Refuse proposals
* Upload proposals
* View other reviews

-Chair/Co-Chair Functions:

* Organize conferences
* Assign Papers
* Assign Sections

*2.4 Operating Environment*

* Operating System: Windows
* Database: PostgreSQL
* Platform: Angular

*2.5 Design and Implementation Constraints*

*2.6 Assumption Dependencies*

**3. System Features**

* Description and Priority

The Conference Management Systems maintains information about the authors submitting

proposals, the members of the Program Committee, the submissions' abstract and full papers

proposed, meta-information about these, the deadlines for different phases of sending

proposals, assigning paper to reviewers, evaluation deadline and announcing the results of

paper valuation.

* Stimulus/Response Sequences
* Functional Requirements

System should validate input data and to inform user if he entered incorrect data

Data about conferences must be visible, the user should find any needed data on the site

User without account:

* Can see all conferences, proposals, sections
* Can make an account
* Have a help page

Simple users with account:

* Can submit a new proposal to the system
* Can see reviews for his paper, if his paper was accepted
* Can confirm that will participate to a conference, in a section
* Can upload abstract paper, full paper, and presentation, in pdf format

PC Members:

* Can do bid for all proposals from conferences where they are PC Members
* Can review assigned papers
* Can be authors
* Can download abstract papers, full papers and presentations

Chair/ Co-chair:

* Can create a conference
* Can update conferences
* Can assign reviewers
* Can assign PC Members
* Can decide if a paper is accepted or rejected, if after the review process is undecided
* Can establish sections and the section chair
* Can download abstract papers, full papers and presentations

**4. External Interface Requirements**

*4.1 User Interfaces*

* Front-end software: HTML/CSS/Angular
* Back-end software: Java, PostgreSQL

*4.2 Hardware Interfaces*

* Windows
* A browser which supports HTML/JavaScript

*4.3 Software Interfaces*

|  |  |
| --- | --- |
| Operating System | We have chosen Windows operating system for its best support and user-friendliness. |
| Database | - |
|  |  |

**5. Nonfunctional Requirements**

* There must be a help page for user