**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
* Notify authors

-Chair/Co-Chair Functions:

* Organize conferences
* Assign Papers
* Assign Sections

*2.4 Operating Environment*

* Operating System: Windows
* Database: SQL Server
* Platform: Angular/C#

*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

**4. External Interface Requirements**

*4.1 User Interfaces*

* Front-end software: HTML/CSS/Angular
* Back-end software: SQL Server, C#

*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**