

SE Mini Project: International Conference Management (Back End)

SRS – Software Requirement specifications

Group - 17

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Category:

Web Application

Purpose:

The purpose of the international conference management system is that users can virtually submit reports to the conference without being physically present. It also makes a repository to manage the submission activities in any conference.

Scope: It will provide better management facilities and also helps in organizing the research papers, tutorials, workshops, etc. People from different parts of world can participate as distance is not a constraint.

Introduction:

Introduction contains the following sub categories:

Existing system:

The present system is a manual system or a semi-automated system. Manual system involves paper work in the form of maintaining various files and manuals. Maintaining critical information in the files and manuals is full of risk and a tedious process. A manual system has following disadvantages:

- It's a limited system and fewer users friendly.
- Searching of particular information is critical it takes lot of time.
- In the manual system user need to bare the lot of time and cost.
- The existing system need to travel a location in which one have to submit the required reports.
- The process of reviewing the reports is tedious.
- The existing system needs to store the information in the form of files.
- Limited sharing is possible if the data is in the form of paper or disk drives.
- The manual system gives us less security for saving data, some data may be lost due to mismanagement.

Proposed System:

As the conference management system that aims to give the user an experience equal to or better than sort they would find in traditional way. There are obviously many advantages of this system to the user, as well as the committee members of the conference.

The system after careful analysis has been identified to be presented with the following modules:

- **User registration:** Conference committee members can register a user for a report submission.
- **Reviews:** Users can get the review via this web application.
- **Record Storage:** The user information files should be stored in centralized database which can be maintained by the system.
- **Authentication:** Authentication of this application will be provided for only registered members.
- **Administration Access:** Administration would be able to keep an eye on the records of users.

Advantages for user:

- **Time Saving:** For users of this system, advantages primarily concern access, time and gets review faster.
- **Remove Traveling:** System removes travelling and its cost.

Advantages for conference committee members:

- Better choice for selecting committee members as location is not a constraint.
- Since reports are submitted in organized manner so, time is used efficiently.
- No physical presence is required so, travelling cost and time is saved.

Functional Requirements:

"Functional requirement describe what a system should do." For our software system following functional requirements are:

- Following software system must require a database management system.
- Users must have valid User ID and password to login thus creating their individual profiles.
- While submitting, names of all the authors should be given.
- Administration can register new committee members.
- Software must provide the deadline before which reports have to be submitted.
- Users can submit reports to this database and also see their submission status.
- Committee members can make reviews on the submitted reports.
- Users can check their reports' reviews.

NONFUNCTIONAL REQUIREMENTS:

Requirement that specifies criteria that can be used to judge the operation of a system are called nonfunctional requirements. Nonfunctional requirements of our system are:

- Secure access of confidential data (user's details).
- Time efficient.
- Better component design to get efficiency at peak time.
- Conference committee members registration facility is accessible by admin only.

SOFTWARE TOOLS:

Database Server: MySql.

Client: Any web browser

Programming Language: HTML, CSS and PHP.

DEPLOYMENT:

Operating System Server: Window 8, Linux, UNIX

HARDWARE SPECIFICATION:

Processor: Intel Core i5

RAM: 8GB

Hard Disk: 1TB