

Software Requirement Specification Document for Conference Management System (CMS)

Group Number - 6

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1 Introduction

1.1 Purpose

Conference management system (CMS) is intended to provide multiple facets of conference management like registration of conferences, paper submission by authors, reviewer assignment via an automated algorithm, review submission, event notifications to name a few. This document is meant to delineate the features of CMS, to serve as a guide to the developers on one hand and a software validation document for the prospective client on the other.

1.2 Scope

In scope

- Registration as well as Login on the conference portal.
- Users status on previous and running confs.
- Abstract, paper, supplementary, camera-ready, and poster submission for each conference.
- Mail notifications for every event.
- Reviewer application, automated reviewer assignment, review submission.
- The final decision by the area chair.
- Exporting final data of the conference papers.

Out of scope

- Advanced Reviewer assignment methods such as - the *Bidding* system.
- Does not manage conference schedule, conference slot allocation, conference logistics such as accommodation, transportation or visa issues.

1.3 Acronyms, and Abbreviations

- Conf: Conference
- CA: Conference admin
- AC: Area Chair
- SRS: Software Requirements Specification
- GSP: General Submission Page

1.4 Overview

The rest of this SRS is organized as follows: Section 2 gives an overall description of the software. Section 3 gives specific requirements which the software is expected to deliver. Functional requirements are given by various use cases. Some performance requirements and design constraints are also given. Section 4 gives some possible future extensions of the system. Finally the appendices in Section 5 graphically shows tentative user screens.

2 Overall Description:

2.1 Product Perspective:

This product aims to provide the users a platform to view all different conferences at one place and upload paper and receive reviews. It also provides reviewers the ability to review papers of their interest for different conferences. It also simplifies the task of conference admins to organize their conferences and various tracks.

This product is intended to be a stand-alone web application designed to run in a browser environment so it should run on both UNIX and Windows based platforms.

2.2 Product Functions

Following table gives an overall view of all the use cases:

Class of use cases	Use cases	Description of use cases
Use cases related to authorization	Registration Login Change password Forgot password Logout Delete account	Register as a user Login into website Change website password Login when forgot password Logout from website Delete account of user
Use cases related to profiles	Update profile View profile	User can update their profile User can view self profile
Use cases related to event notifications	Email notifications for every event	Notify users about event of conference through email
Use cases related to conferences and workshops	Create conference Update conference details Create workshop	User can request to create a new conference CA can update conference details after its listed out by website admin User can request to create a new workshop
Use cases related to	Invite reviewers	Send Invite to users to become a

reviewer selection	Apply as a reviewer	reviewer User can apply to become a reviewer
User cases related to reviewer assignment and selection of area chairs	Reviewer assignment to papers Selection of Area Chairs	First System, then CAs will assign papers to reviewers Selection of Area chairs by CA
Use cases related to research paper submissions	Submit paper Edit submission Withdraw submission Submit poster and camera-ready	Author can submit an abstract, paper, supplementary pdf and other details Author can edit submitted paper details Author can withdraw submitted paper Author can submit a poster and camera-ready paper
Use cases related to Reviews and Rebuttal	Make review Edit review Rebuttal	Reviewer can submit review for paper Reviewer can update submitted review Rebuttal performed by authors
Use cases related to final paper decisions and notifications	Assigning final reviews to AC for decision Final Paper decisions Paper Acceptance Notification	Assigning all paper info (paper details, reviews and rebuttal) to an AC. Final decision of the AC regarding the paper System send paper acc/rej notification to authors.
Use cases related to miscellaneous events	Export all data	CA can export all data of conference

2.3 User Characteristics

- A user who registers on the portal should be aware of the functioning of the conferences.
- The user who applies for a reviewer should have prior experience in the area of interest, which shows his potential to provide high quality reviews.
- The conference administrators should be certified as well as renowned individuals in the field, depicting their ability to manage a conference event.
- Authors should have complete knowledge of the submission criteria.

2.4 Principal Actors

- The “system”.
- Website Administrator (individuals having complete authority of the portal).
- General Users: Conference Admins, Authors, Reviewers, Visitors (not associated to any of the aforementioned). A user can perform multiple roles with the same account.

2.5 General Constraints

- For full working, CMS requires internet connection.

- Browser used should be relatively updated for improved performance.

2.6 Assumptions and Dependencies

- For full working this product requires internet connection.
- The user's email address should be valid.

3 Specific Requirements

3.1 Functional Requirements

We describe the functional requirements by giving various use cases.

Use cases related to authorization:

- Registration
 - Primary Actor: General Users
 - Pre Conditions: Availability of Internet connection as well as an Email account.
 - Main Scenario:
 - Visit the website root endpoint. The user is either prompted to login using the associated credentials or optioned to register.
 - The user is directed to a new webpage to register a new account, and asked to provide their email address, set a password and then confirm the password in another field.
 - The verification of the email address is then done by the system.
 - The user information is stored in the database and the user is redirected to the Main screen.
 - Alternate Scenario:
 - Incorrect email address is provided: The registration page is reloaded with the corresponding error message.
 - Email already in use: The registration page is reloaded with the corresponding error message.
 - Passwords don't match in the main and confirm field: The registration page is reloaded with the corresponding error message and asked to provide the details again.
- Login
 - Primary Actor: General Users
 - Pre Conditions: Availability of internet as well as the user already registered.
 - Main Scenario:
 - Visit the website root endpoint. The user is either prompted to login using the associated credentials or optioned to register.
 - The user enters their credentials to login.
 - The authentication of the credentials is done by the system.

- The user is redirected to the Main screen.
 - Alternate Scenario:
 - Authentication fails due to incorrect credentials: The webpage is reloaded with the corresponding error message and the user is asked to provide the credentials again.
- Change password
 - Primary Actor: General Users
 - Pre Conditions: Availability of internet as well as the user already logged in their account.
 - Main Scenario:
 - User clicks on the “Change Password” option.
 - Redirected to a new screen, where the following fields are provided - old password, new password, confirm new password.
 - System performs authentication after accepting the user details.
 - New password is updated in the database.
 - Alternate Scenario:
 - Incorrect Old Password:
 - The webpage is reloaded with the corresponding error message.
 - User re-enters the details
 - New password and Confirm New password don’t match:
 - The webpage is reloaded with the corresponding error message.
 - User re-enters the details
- Forgot password
 - Primary Actor: General Users
 - Pre Conditions: Availability of internet.
 - Main Scenario:
 - Forgot password option clicked on the website root endpoint after entering the username
 - The username is verified by the system and the reset link is sent to the email.
 - After clicking on the link, the user is redirected to the “set new password” page.
 - Enter the new password and the confirm password field and submit.
 - New password is updated in the database.
 - Alternate scenario:
 - Incorrect username on the website root endpoint:
 - The webpage is reloaded with the corresponding error message.
 - User re-enters the username
 - New password and Confirm New password don’t match on reset page:
 - The webpage is reloaded with the corresponding error message.
 - User re-enters the details.

- Logout
 - Primary Actor: General Users
 - Pre Conditions: Availability of internet as well as the user already logged in their account.
 - Main Scenario:
 - User clicks the logout button.
 - User is logged out and redirected to the website root endpoint.

- Delete account
 - Primary Actor: General Users
 - Pre Conditions: Availability of internet as well as the user already logged in their account.
 - Main Scenario:
 - User clicks on the “delete account” button and is redirected to a new page where he is asked to enter his credentials.
 - System checks the credentials after the user clicks on “confirm account deletion”.
 - User account is deleted from the database and the user is redirected to the website root endpoint.
 - Alternate Scenario:
 - In case of incorrect credentials, the page is reloaded with the corresponding error message.

Use cases related to profile:

- View Profile
 - Primary Actor: General Users
 - Pre Conditions: Availability of internet as well as the user already logged in their account.
 - Main Scenario:
 - User clicks on the “View Profile” button and is redirected to the profile page.
 - The user can view various types of information associated with his/her research.

- Update Profile
 - Primary Actor: General Users
 - Pre Conditions: Availability of internet as well as the user already logged in their account.
 - Main Scenario:
 - User clicks on the “Update Profile” button and is redirected to the profile page containing multiple fields.
 - User is required to fill in the details related to:
 - Institution, highest degree earned, research experience etc.

- Optionally he can provide: google scholar, semantic scholar accounts, areas of interest and expertise etc.
 - Pressing the submit button saves the details in the database and the “profile updated” flag is updated to True in the database.
- Alternate Scenario:
 - In case of inconsistent details (such as the provided id’s don’t match their *regex* pattern etc), an error message is prompted and the user is asked to re-enter the corresponding erroneous parts.

Use cases related to event notifications:

- Email notifications for every Event
 - Primary Actor: System
 - Pre Conditions: Portal active.
 - Main Scenario:
 - The system automatically sends email notifications and reminders to all the general users of the portal about the events pertaining to any conference, conference deadlines, reviewer invitation messages, release of reviews, final notifications etc, a few days prior to the event.
 - Alternate Scenario:
 - Backend failure: the system re-sends the notifications in case of any failures in the mailing service.

Use cases related to Conferences and Workshops:

- Create Conference
 - Primary Actor: General users, Website Administrator
 - Pre Conditions: Availability of internet as well as the user logged into account.
 - Main Scenario:
 - User clicks on the “Request a New Conference” button and is redirected to a new page.
 - User is asked to add details like CAs email-address, full name and short name of conference, conference logo, location, dates, external website, subject areas (eg machine translation, relation extraction etc in NLP), expected submissions, ACM Conference confirmation, etc.
 - After clicking on the “submit” button, the Website Administrator verifies conference details and if it’s legitimate, the conference is added to the database.
 - The conference is thereafter displayed on each user’s main page.
 - Alternate Scenario:
 - In case of incorrect credentials of CAs or the conference details conflicting with any existing conference, the page is reloaded with the corresponding error message.
 - In case the paper submission deadline is within 2 months of the creation of the conference webpage on the portal, the page is loaded with error messages and the user is asked to re-enter the details.

- Update Conference Details
 - Primary Actor: General User (CA)
 - Pre Conditions: Availability of internet as well as the user logged into account.
 - Main Scenario:
 - The user surfs on the conference webpage and then clicks “Update Conference Details”.
 - User can then update any details regarding the conference except the conference name, however strictly within 10 days of the conference activation.
 - Alternate Scenario:
 - In case, more than 10 days have elapsed since the conference web page construction, an error message is displayed suggesting that changes are not allowed.
 - In case more CAs have been added and their credentials are incorrect, the error message is displayed requesting to enter correct details.

- Create Workshops
 - Primary Actor: General Users
 - Pre Conditions: Availability of internet as well as the user logged into account.
 - Main Scenario:
 - A general user can request to create a new workshop, which is done in exactly the same manner as a conference is created.
 - One additional field on the workshop request webpage is the presence of the “Add Parent Conference” option which essentially specifies whether the workshop is part of any conference or not.
 - If Yes, then the user is asked to add the e-mails of the CAs of the main conference as the admins of the workshop as well.
 - If No, then the workshop is considered as an independent event.
 - The remaining functionality pertaining to reviewers and paper submissions is exactly the same as any other conference, as listed in following use cases.
 - After clicking on the “submit” button, the Website Administrator verifies workshop details and if it's legitimate, the workshop is added to the database.
 - Alternate Scenario:
 - In case of incorrect credentials of the workshop admins or the workshop details conflicting with any existing conference or workshops, the page is reloaded with the corresponding error message.
 - In case the submission deadline is within 2 months of the creation of the workshop webpage on the portal, the page is loaded with error messages and the user is asked to re-enter the details.

- If the “Add Parent Conference” option is filled and the user has listed out incorrect CA e-mails, the page is reloaded with the corresponding error message.

Use cases related to Reviewer Selection:

- Invite Reviewers
 - Primary Actor: System
 - Pre Conditions: Portal Active.
 - Main Scenario:
 - As soon as any new conference or workshop is listed by the website administrator, the system sends emails to all the general users as “an invitation to become a reviewer”.
 - If the user wishes to accept the invitation, he can login to his/her account and click on the “Apply as a Reviewer” option, which is described in the next use case.
 - Alternate Scenario:
 - Backend failure: the system re-sends the invite email in case of any failures in the mailing service.

- Apply as a Reviewer
 - Primary Actor: General Users
 - Pre Conditions: Availability of internet and user logged into account.
 - Main Scenario:
 - The user clicks on the “Apply as a Reviewer” option on the conference webpage.
 - He is then redirected to a new page where he fills in details such as
 - Prior Reviewing experience (Number of times the user has reviewed prior to this conference)
 - Prior Research Paper Submissions in any conference
 - Areas of Expertise
 - Max number of papers they can potentially review for each subject area (separately) in the conference. Users are required to review at least 3 papers in each subject area.
 - The user finally submits the details and the system saves these in the conference database.
 - Alternate Scenario:
 - If the user has already filled up the details to become a reviewer, the page will be reloaded with the corresponding message.
 - If the deadline for applying as a reviewer is already elapsed, the page will be reloaded with the corresponding error message.
 - If the fields of “prior reviewing experience” and “Prior Research Paper Submissions” are both left unfilled, the user is not allowed to apply as a reviewer and the page is reloaded with the warning message.

- If the user fills less than 3 papers per area, an error message is displayed and he is asked to increase the number of potential reviews he can make.

Use cases related to Reviewer Assignment and selection of Area Chairs:

- Reviewer Assignment to Papers
 - Primary Actor: System, General User(CA)
 - Pre Conditions: Availability of internet and user(CA) logged into account.
 - Main Scenario:
 - Once the reviewer application deadline has elapsed, the the reviewer assignment is done in two phases as mentioned below:
 - First, the system automatically tries to assign each paper a minimum 4 reviewers via a *greedy* algorithm by taking into account the maximum reviewing limit of each assigned reviewer as well as also conforming to the fact that a user can't be assigned as a reviewer for his own paper.
 - This is done for each subject area separately. The greedy algorithm is to be implemented via a Heap data structure. More details will be provided in the High Level Design Document.
 - This can lead to partial assignment, either due to the fact that some subject areas might have a much larger number of papers than reviewers or due to the upper limit of each reviewer's reviewing limit and thus, many papers could be left without sufficient reviewer count.
 - Afterwards, the CAs analyse the assignment of the papers manually, to eradicate the above potential faults in the review process.
 - The CA then submits the final review assignment and the system saves these in the database.
 - Finally, a notification is sent to each user who is assigned paper to review, to check their "Assigned Papers" section and start paper reviewing.
 - Alternate Scenario:
 - If the CAs try to submit the reviewer assignment before the system has finished the automated process, an error is raised and the CAs are asked to check later.
 - If the constraints of:
 - A minimum of 4 reviewer per paper
 - Number of assigned papers \leq the reviewing limit of the reviewer
 are not satisfied, an error is raised and the CAs are asked to check the assignment process again.
- Selection of Area Chairs
 - Primary Actor: General User (CA)
 - Pre Conditions: Availability of internet as well as the user(CA) logged into account.

- Main Scenario:
 - Anytime between the listing of the conference by the website admin and the paper submission deadline, the CA can fill in the details of the Area Chairs on the conference webpage.
 - The selection and updation process of area chairs is manual since it's extremely important to select senior researchers who are trustworthy and have expertise in the corresponding areas.
 - The Area Chairs are separated from the pool of reviewers and this process is independent of the reviewer assignment.
 - The CA submits the e-mails of at least 4 people as area chairs for each subject area which are then saved in the database after system verification.
- Alternate Scenario:
 - In case the CA fills up incorrect area chair emails which don't exist on the portal, an error message is prompted and CA is asked to re-enter the details.
 - If any area/subject area has less than 4 Area Chairs, an error message is prompted and the CA is asked to enter more Area Chair usernames.

Use cases related to Research Papers Submissions:

- Submit Paper:
 - Primary Actor: General user
 - Precondition: Availability of internet and user is logged in.
 - Main Scenario:
 - The user will go to the desired Conference. Clicking on "New submission" will redirect to the "General Submission Page" (GSP). This page consists of 3 tabs: 1. Paper submission, 2. Review submission. 3. Poster/Camera-ready submission. When the Paper submission deadline is active, the other two tabs will display "Not Available".
 - User needs to submit an abstract, PDF-format of paper and supplementary material. Other fields like sub-authors, title, etc also need to be filled.
 - Clicking the "Submit" button will submit the data.
 - It has to be noted that multiple submissions are allowed, until the deadline. For every repeated submission, the data from the latest submission will be filled/displayed, which can be removed/edited/replaced.
 - Alternate Scenario:
 - If the mandatory fields are not filled, an error message is displayed and the user is asked to fill the form again.
 - If the "Submit" is clicked after the deadline, an error message will be displayed and the last submission will be considered as final.
- Withdraw Submission

- Primary actor: General user (Author)
 - Precondition: Availability of internet and user should be logged in. The user should have made a submission.
 - Main Scenario:
 - The user goes to the submission of the desired conference. Clicking the “withdraw” button will give a warning, along with a “yes” and “no” button. Clicking “yes” will withdraw the submission. Clicking “no” will have no effect on the submission.
 - All authors and co-authors will be notified through email for a successful withdrawal.
- Edit Submission
 - Primary actor: General user (Author)
 - Precondition: Availability of internet and user should be logged in. The user should have made a submission, and the submission deadline is not elapsed.
 - Main Scenario:
 - The user goes to the submission of the desired conference. Clicking the “edit” button will direct you to the same page of submitting the abstract/main_paper/supplementary/poster.
 - The form will have the previously filled entries present in the fields. The user is expected to make changes in desired fields.
 - Once the user clicks on submit, the updated files and fields are saved in the database.
- Submit Poster and Camera Ready
 - Primary Actor: General Actor (Author)
 - Precondition: Availability of internet and user should be logged in. Acceptance email is received by the user.
 - Main Scenario:
 - The user will go to the desired submission at the conference. If the user’s paper has been accepted, and the camera-ready and poster deadline is active, the Poster/Camera-ready tab will be active and other tabs will be frozen.
 - Users can upload poster and camera-ready PDFs. Clicking “Submit” will submit the files.
 - It has to be noted that multiple submissions are allowed till the deadline. With every repeated submission, the previous files will be visible and can be replaced/removed.
 - Alternate Scenario:
 - If the user does not upload Camera-ready and poster, the user should directly contact CA, so special arrangements can be made from the CMS’s side.
 - If the “Submit” is clicked after the deadline, an error message will be displayed and the last submission will be considered as final.

Use cases related to Reviews and Rebuttal:

- **Make Review**
 - Primary Actor: General user (Reviewer)
 - Precondition: Availability of internet and user should be logged in. The user should be assigned as a reviewer of some paper.
 - Main Scenario:
 - On the “Assigned Papers” page, the user can see a list of all papers assigned to review. The Conference/Workshop of the paper along with its title and abstract will be displayed. Clicking on a particular paper will redirect to the review form for the paper, where the PDF-format of the paper can be downloaded. The reviewer has to fill in the details like summary of paper, novelty and impact of paper, strong points, weak points, etc.
 - Finally, after filling all entries, clicking on the “Submit” button will submit the review.
 - Alternate Scenario:
 - If the mandatory fields in the form are not filled, the reviewer is prompted to fill those and is allowed to submit the review.
 - If the reviewer has opened the review page before crossing deadline, and the reviewer clicks the existing “Submit” button after crossing review deadline, an error message will be displayed describing the failure of submission.
- **Edit Review**
 - Primary Actor: General user (Reviewer)
 - Precondition: Availability of internet and user should be logged in. The user should be assigned as a reviewer of some paper.
 - Main Scenario:
 - Similar to the section of “making a review”, the user should be able to go to the “Assigned Papers” section and select a desired paper based on its title and abstract.
 - By default, the text submitted in the latest previous review will be already present in the text fields. The user is expected to edit it according to their convenience.
 - Finally, clicking the “Submit” button will submit the newly written review.
 - Alternate Scenario:
 - If the mandatory fields in the form are not filled, the reviewer is prompted to fill those and is allowed to submit the review.
 - If the author has opened the review page before crossing deadline, and the reviewer clicks the existing “Submit” button after crossing review deadline, an error message will be displayed describing the failure of submission.

- Rebuttal
 - Primary Actor: General User (Author)
 - Precondition: Availability of internet and the user is logged in. User should have submitted the paper, and the current time is the rebuttal period.
 - Main Scenario:
 - The user will navigate to desired submission at a Conference. Clicking on submission will redirect to the GSP. User opens the review tab, and can see the reviews. Based on the reviews, author is expected to upload a single rebuttal response.
 - The rebuttal response will be addressed to all reviewers together, hence should be a single PDF-file.
 - Clicking on the “submit” button will submit the Rebuttal response file.
 - Note that multiple submissions are allowed till the deadline, with each repeated submission displaying the last submission by default.
 - It is NOT necessary to submit a response file.
 - Alternate Scenario:
 - If the “Submit” is clicked after the deadline, an error message will be displayed and the last submission will be considered as final.

Use cases related to Final Paper Decisions and Notifications:

- Assigning Final Reviews to Area Chairs for Decision
 - Primary Actor: System
 - Precondition: Portal active.
 - Main Scenario:
 - This process takes place after the rebuttal period. Hence, the reviews and the author responses are available for all the papers.
 - While submitting the main_paper, the authors had to select the subject area of submission. This will decide the possible area chairs for a paper.
 - If there are more than one area chairs possible for a submission, any one of the possible chairs is allocated to the submission.
 - The paper, its reviews and the rebuttal reply by authors are made available to AC in the “Assigned Papers” section.
- Final Paper Decisions
 - Primary Actor: General User (AC)
 - Precondition: Availability of internet and user logged in. AC will address all the assigned papers without fail.
 - Main Scenario:
 - After the rebuttal period, AC needs to visit the “Assigned Papers” page. Submissions (main_paper, reviews, author responses) will be visible to AC differently for each submission.
 - Clicking on each Submission will display the complete data for the paper. Analyzing the data, AC will select “Accept” or “Reject” along with a text field for justifying the decision.

- Clicking on “Submit” will submit the decision.
 - Note that this can be updated multiple times until the deadline. With each update, the latest text/preferences are filled/selected.
- Alternate Scenario:
 - Clicking on Submit with incompletely filled form will raise error, and the form has to be refilled.
 - If AC clicks on “Submit” after crossing the deadline, an error message will be displayed, and the current decision will not be considered.
- Paper Acceptance notification
 - Primary Actor: System
 - Precondition: Portal Active. Paper decision deadline has been crossed. All Area Chairs have addressed all papers.
 - Main Scenario:
 - System will iterate through all the submissions of a conference, and depending on the response of AC, the authors of each submission will be notified for the Acc/Rej.

Use cases related to Miscellaneous Events:

- Export all Data:
 - Primary Actor: General User (CA)
 - Precondition: Camera-ready and Poster deadline has been crossed. Availability of CA and CA needs to be logged in. Availability of Internet.
 - Main Scenario:
 - After completion of the Submissions procedure, all the data has to be exported for the conference management.
 - Clicking the “Export” will zip and provide all data for conference submissions.

3.2 Performance Requirements

- Performance largely depends on the user's internet connection speed. With reasonable internet speeds, response time should be arguably fast.
- Should run in a web browser environment.

3.3 Design Constraints

- Security: Users should be able to access only those information that are defined by their user-roles. Submitted papers should be kept confidential from others except reviewers and should be made visible only after publication. Databases should be secure against unauthorized access, viruses or any malicious attacks.
- Fault Tolerance: Databases should be tolerant to system crashes and power failures.
- Reliability: System downtime should be avoided especially close to the time of submission deadlines.

3.4 External Interface Requirements:

Homepage (Default root endpoint) consists of a login screen where a user can login through their email and password. In case, the user has not created an account, an option of creating a new user account is provided which will redirect the user to a new registration page.

In case of logged in users, a conference list of ongoing conferences is shown. Links for “My conferences” and “All conferences” are provided in navbar. “My conferences” lists all conferences where the user is associated with. Option to “Create conference” is also provided in navbar.

By clicking on any conference, a new page is displayed. A list of “Existing submissions” for that conference is displayed to the author. An option to “Apply as reviewer” is also provided. Authors can submit paper by clicking on the “Create new submission” button. Reviewers can click on the “Assigned papers” button to view the papers assigned to them and by clicking on paper, he can choose to submit a review for that paper. Area Chair has the option to submit the final decision by clicking on “Submit paper decision” button.

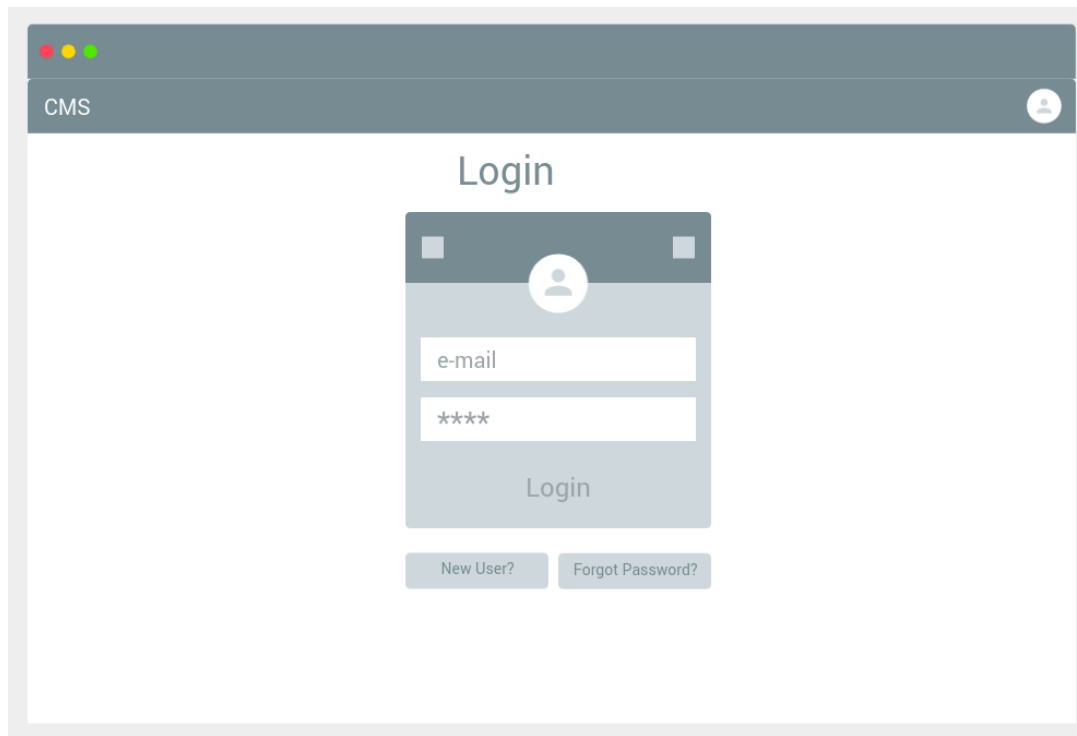
4 Future Extensions

- Plagiarism
- Bidding/Automated paper-reviewer assignment system (TPMS)
- Emergency reviewers
- Domain conflicts
- Desk Reject

5 Appendix

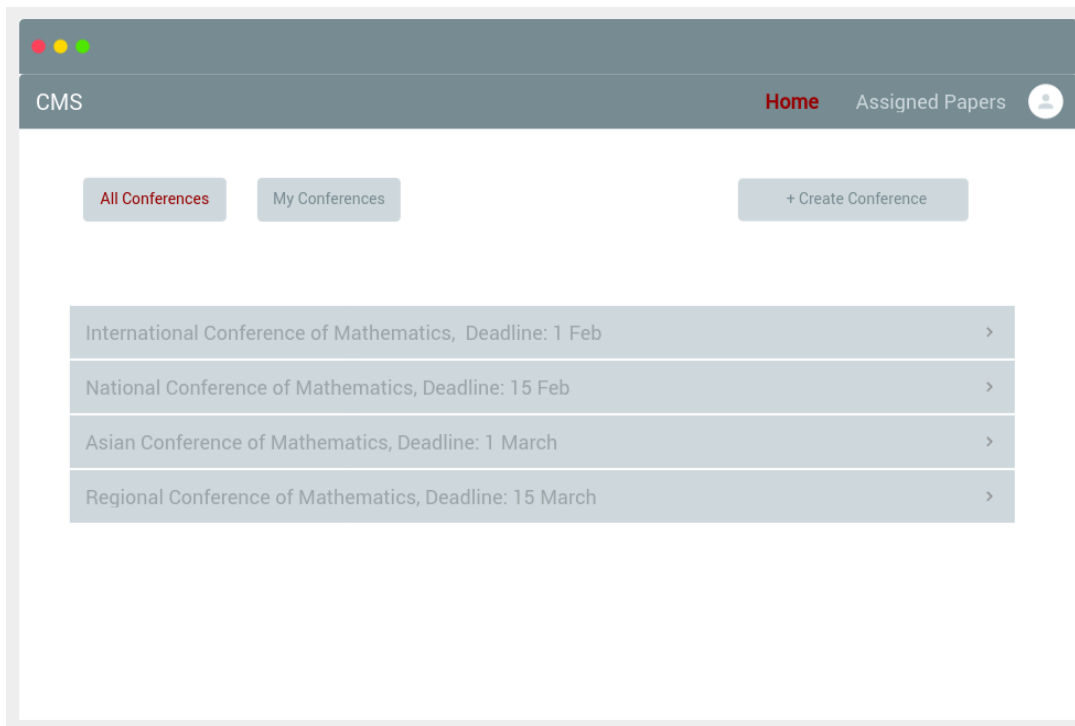
Sample UI

Login Page:



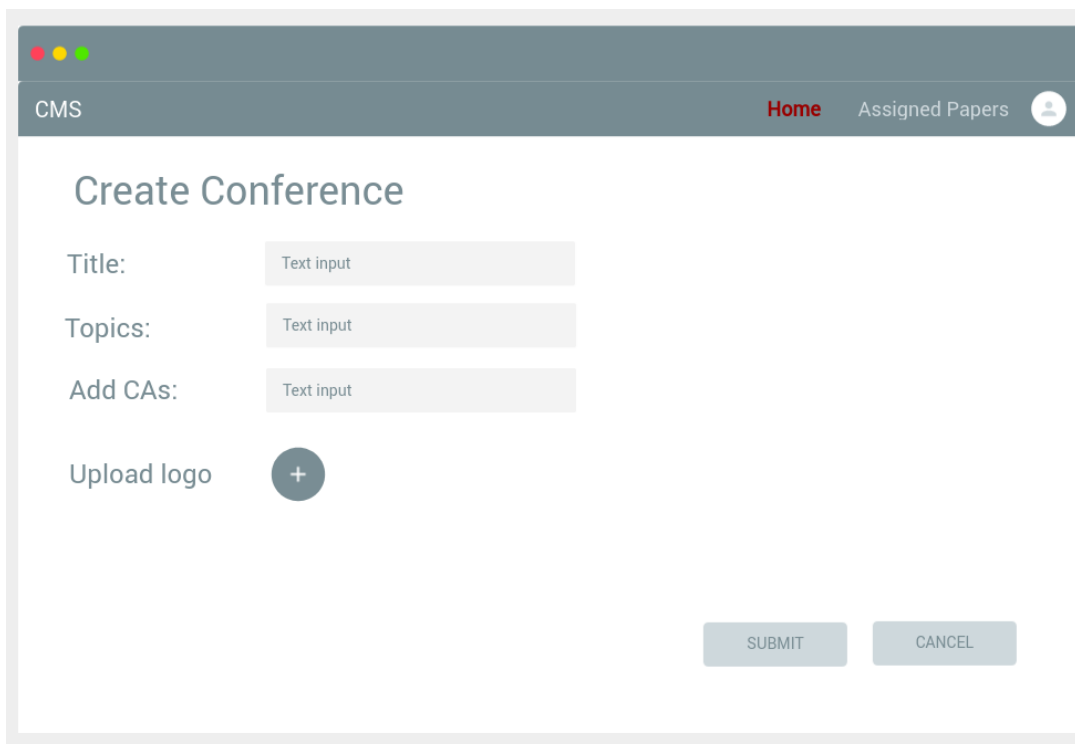
The image shows a sample user interface for a login page, presented within a window frame. The window has a dark gray title bar with three colored window control buttons (red, yellow, green) on the left. Below the title bar is a dark gray header bar containing the text "CMS" on the left and a small circular user profile icon on the right. The main content area is white and features the word "Login" in a large, dark gray font. Centered below the title is a light gray login card. The card has a dark gray header with a white user profile icon. Below the header are two white input fields: the first is labeled "e-mail" and the second is labeled "****" (representing a password). Below the input fields is a dark gray button labeled "Login". At the bottom of the card are two smaller, light gray buttons: "New User?" and "Forgot Password?".

Main Page:



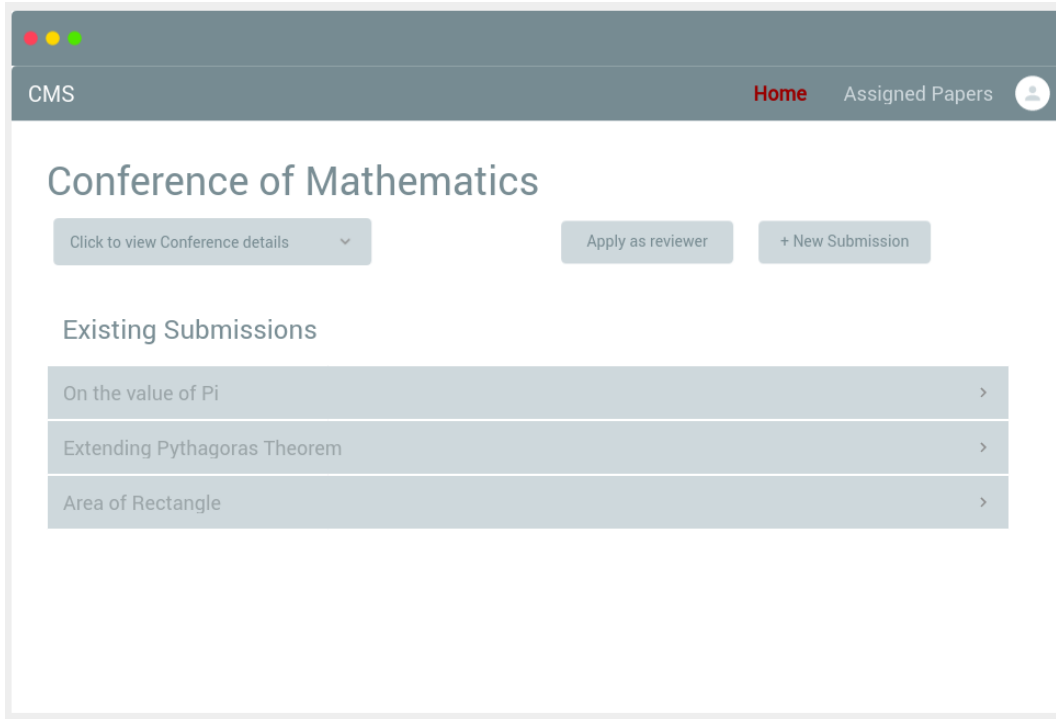
The Main Page UI features a dark grey header bar with three colored window control buttons (red, yellow, green) on the left. The header contains the text 'CMS' on the left, 'Home' in red in the center, and 'Assigned Papers' with a user profile icon on the right. Below the header, there are three buttons: 'All Conferences' (highlighted in red), 'My Conferences', and '+ Create Conference'. A list of four conference entries follows, each in a light blue box with a right-pointing chevron: 'International Conference of Mathematics, Deadline: 1 Feb', 'National Conference of Mathematics, Deadline: 15 Feb', 'Asian Conference of Mathematics, Deadline: 1 March', and 'Regional Conference of Mathematics, Deadline: 15 March'.

Create Conference:



The Create Conference UI features the same dark grey header bar as the Main Page. Below the header, the title 'Create Conference' is displayed in a large, bold, dark grey font. The form contains four input fields, each with a label and a light grey text input box: 'Title:', 'Topics:', 'Add CAs:', and 'Upload logo'. The 'Upload logo' field includes a dark grey circular button with a white plus sign. At the bottom right of the form, there are two buttons: 'SUBMIT' and 'CANCEL'.

Conference Page for a general user:



A screenshot of a web application interface for a conference. The top navigation bar is dark grey with 'CMS' on the left, 'Home' in red in the center, and 'Assigned Papers' with a user icon on the right. The main content area has a title 'Conference of Mathematics'. Below the title are three buttons: 'Click to view Conference details' with a dropdown arrow, 'Apply as reviewer', and '+ New Submission'. A section titled 'Existing Submissions' contains a list of three items, each in a light blue box with a right-pointing arrow: 'On the value of Pi', 'Extending Pythagoras Theorem', and 'Area of Rectangle'.

CMS Home Assigned Papers

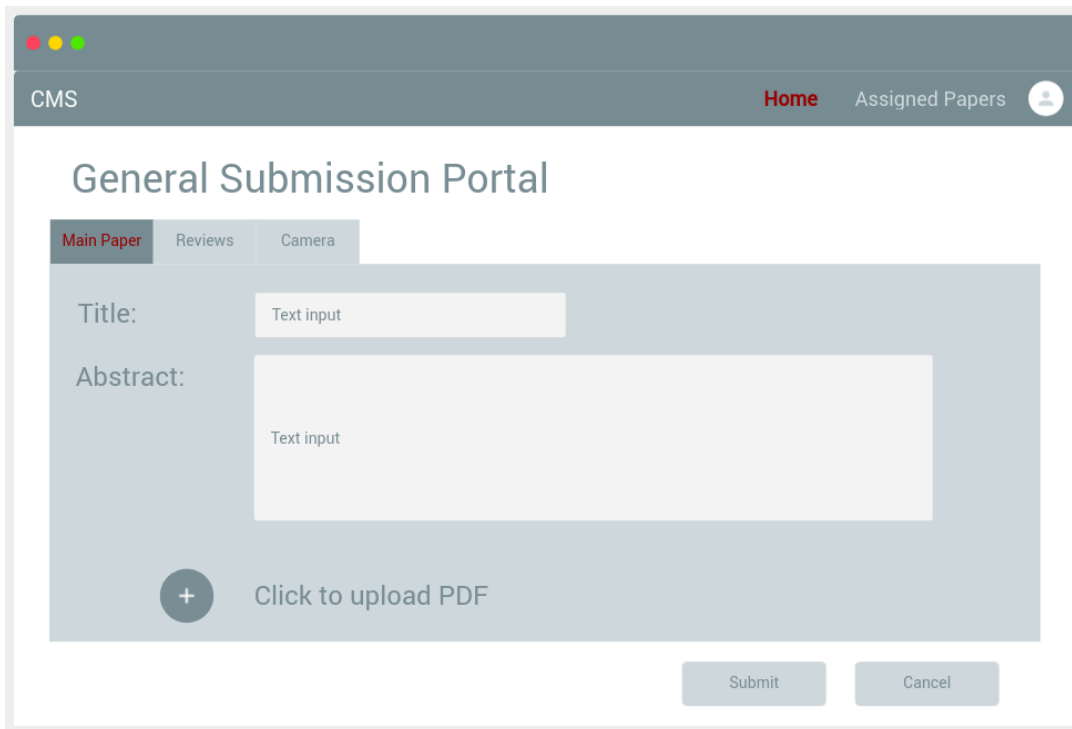
Conference of Mathematics

Click to view Conference details ▾ Apply as reviewer + New Submission

Existing Submissions

- On the value of Pi >
- Extending Pythagoras Theorem >
- Area of Rectangle >

Submit Paper:



A screenshot of a 'General Submission Portal' form. The top navigation bar is dark grey with 'CMS' on the left, 'Home' in red in the center, and 'Assigned Papers' with a user icon on the right. The main content area has a title 'General Submission Portal'. Below the title are three tabs: 'Main Paper' (active, dark grey), 'Reviews', and 'Camera'. The form has two text input fields: 'Title:' and 'Abstract:'. Below the 'Abstract:' field is a large text input area. At the bottom left of the form is a circular button with a plus sign and the text 'Click to upload PDF'. At the bottom right are two buttons: 'Submit' and 'Cancel'.

CMS Home Assigned Papers

General Submission Portal

Main Paper Reviews Camera

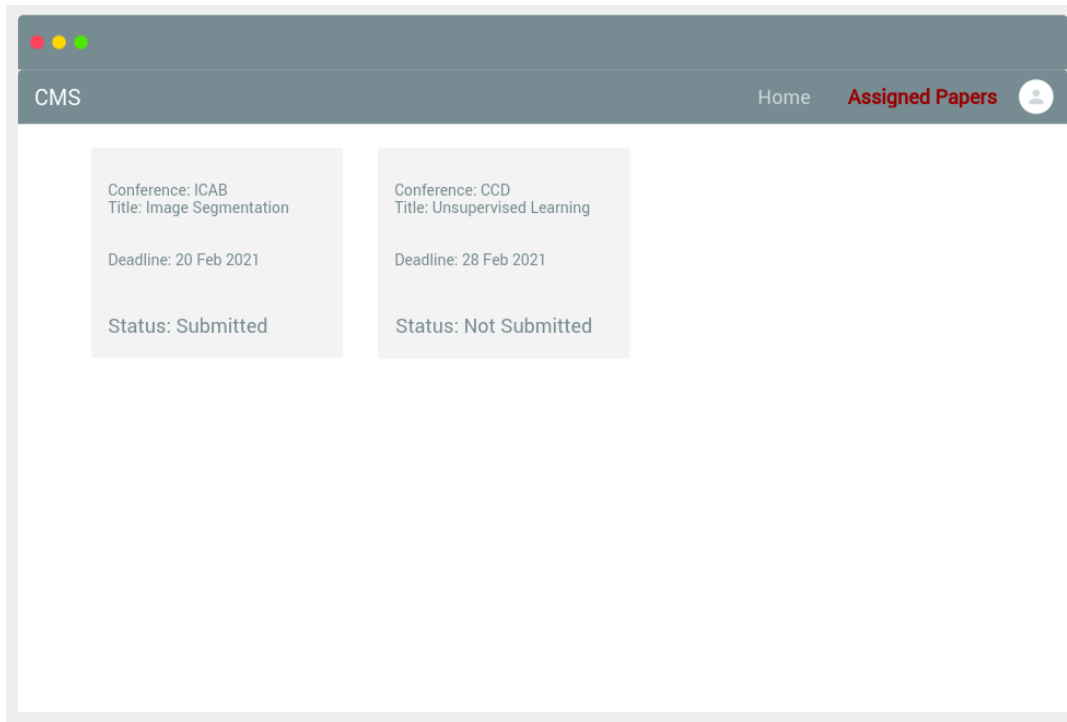
Title: Text input

Abstract: Text input

+ Click to upload PDF

Submit Cancel

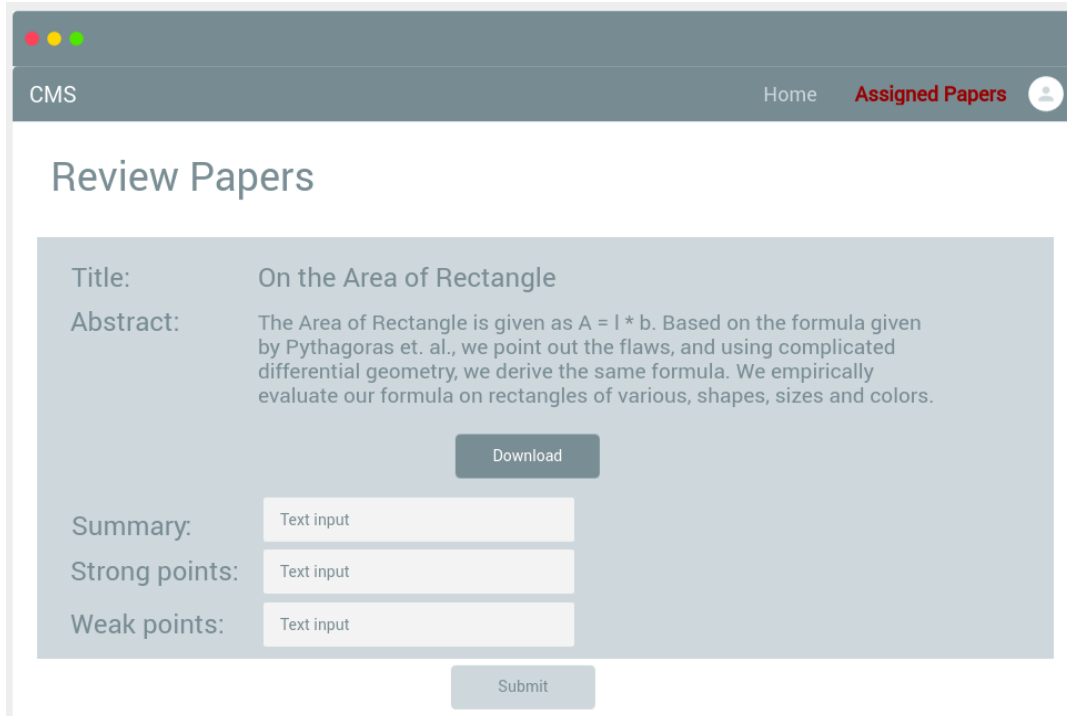
Assigned Papers (review papers) Page:



A screenshot of a web application interface for reviewing assigned papers. The interface has a dark grey header bar with 'CMS' on the left, 'Home' and 'Assigned Papers' in the center, and a user profile icon on the right. Below the header, there are two light grey boxes. The left box contains the text: 'Conference: ICAB', 'Title: Image Segmentation', 'Deadline: 20 Feb 2021', and 'Status: Submitted'. The right box contains the text: 'Conference: CCD', 'Title: Unsupervised Learning', 'Deadline: 28 Feb 2021', and 'Status: Not Submitted'.

Conference	Title	Deadline	Status
ICAB	Image Segmentation	20 Feb 2021	Submitted
CCD	Unsupervised Learning	28 Feb 2021	Not Submitted

Submission of reviews by reviewer:



A screenshot of a web application interface for submitting reviews. The interface has a dark grey header bar with 'CMS' on the left, 'Home' and 'Assigned Papers' in the center, and a user profile icon on the right. Below the header, the title 'Review Papers' is displayed. The main content area is a light blue box containing a form. The form has a 'Title' field with the value 'On the Area of Rectangle'. Below the title is an 'Abstract' field with the text: 'The Area of Rectangle is given as $A = l * b$. Based on the formula given by Pythagoras et. al., we point out the flaws, and using complicated differential geometry, we derive the same formula. We empirically evaluate our formula on rectangles of various, shapes, sizes and colors.' Below the abstract is a 'Download' button. Below the download button are three text input fields: 'Summary:', 'Strong points:', and 'Weak points:'. Below the input fields is a 'Submit' button.

Title: On the Area of Rectangle

Abstract: The Area of Rectangle is given as $A = l * b$. Based on the formula given by Pythagoras et. al., we point out the flaws, and using complicated differential geometry, we derive the same formula. We empirically evaluate our formula on rectangles of various, shapes, sizes and colors.

Download

Summary:

Strong points:

Weak points:

Submit