The Other Half

Requirements Specification

Conference Management System

The Other Half

The Other Half

The Other Half

Document Conventions

- Document-related conventions will be marked by bolded italics e.g. ***Header***.
- ***Normal text*** is defined as **Roboto Normal 12**.
- ***Header 1*** is defined as **Roboto Normal 20**.
- ***Header 2*** is defined as **Roboto Normal 16**.
- ***Header 3*** is defined as **Roboto Light 12**.
- Smaller header settings are currently deemed not necessary.
- If Google Docs is used, the above settings are default.
- The first paragraph in each chapter will provide the aim of the chapter. Chapter specific conventions can also be introduced in the first paragraph. The first paragraph will be written using ***normal text***.
- Chapter titles will be introduced using ***Header 1***.
- Project-related terminology such as `ActorName` or `ScenarioTitle` will be marked by ***RobotoMono Normal 12 bolded***.
- Paragraphs of any nature should not be split on multiple pages; ***page breaks*** should be inserted when the respective section of the document is final.

Overview

This chapter presents the goal of the project.

Team

This chapter describes team composition, roles and abilities.

Name	Attributes
Bogdan Cristina	
Bratu Andrei	
Breje Mihai	
Catargiu Ecaterina	
Caterenciuc Corina	
Căpușan Cristian	

Glossary

This chapter explains specific technical or domain-related terms present throughout the specification. Terms will be introduced using Header 2 option. Terms will be filled using *normal text*.

Conference Management System (CMS)

Term/abbreviation to refer to the system being implemented.

Abstract

Per [Cambridge](): "a short form of a speech, article, book, etc., giving only the most important facts or ideas". Represents an attribute of the `Proposal` entity in our domain.

Listener

The term can be used interchangeably with `Attendee` actors; they are equal for all purposes.

Grade

Refer to `Evaluation` actor.

Comment

Refer to `Evaluation` actor.

CMSUser (Conference Management System User)

Any Actor that uses the CMS.

Claim

The ability of a `CMSUser` to take certain actions on the platform. For example, all `CMSUser` entities would have the `SubmitProposal` claim. Another telling example is the distinction between SCMPrimaryUser and SCMSecondaryUser: while both have the `SelectSCM` claim, only the `Primary` type has the ability to create a `Conference`.

Section

Sub-division of a **Conference**, decided by an **SCMUser** and presided over by a **Section Chair**. Used interchangeably with **Session**.

Session

See **Section** above.

Actors

See page 130. This chapter identifies the actors in our project and thoroughly defines their role in the project. Actors will be introduced using *Header 2*.

Attendee

1. **PCMUsers** - Members of the **Program Committee**.
2. **Speakers** - **MainAuthor** of a **Proposal**; a **Speaker** cannot be the **Section Chair** in which she/he presents his paper.
1. Listeners - **CMSUser** that has a valid account on the system and has opted to join the **Conference**.

Admin

Superuser entity, able to add or remove **Researcher** entities from the system at will. They have the ability to promote a Researcher to the rank of **Steering Chair**.

Steering Committee Member

Creates and supplies the meta-data of a **Conference**. Can update **Conference** instance attributes, including deadlines. They have the ability to promote a **CMSUser** to **PCM** or **SCM**. **Steering Committee Members** are further classified into two categories.

Primary Steering Committee Member

This rank is obtained by manual **Admin** intervention into the **CMSPlatform**. **PrimarySCMUser** is the only entity type that can create a **Conference**. Furthermore, **PrimarySCMUser** can promote a **Researcher** to **SecondarySCMUser** or **PCMUser**, modify and delete owned **Conference** entities.

Secondary Steering Committee Member

Obtained via promotion by **PrimarySCMUser**. Can promote **Researcher** entities to **PCMUser** rank and modify owned **Conference** entities.

Program Committee Member

Entities that participate in the second phase of a conference. Not mutually exclusive with the **Steering Committee Member**. The rank of **Program Committee Member** is held only throughout a conference. **PCM** cannot be demoted after the **zero phase** of the conference.

During the **Second Phase of the Conference**, **PCM** entities participate in the **Bidding** and **Evaluation**(see below).

If a **PCMUser** is also the **author** of a **Paper** assigned to its own committee, the entity cannot see the **comments** and **grades** assigned to their **Paper**.

During the two processes mentioned above, PCM entities distinguish themselves into three subtypes:

Program Committee Chair & Co-Chair

Two **PCM** entities whose task is to direct the **bidding** and **evaluation**. They assign **Reviewer** responsibility to other **PCM** entities for a given **Paper**. Between 2 and 4 **Reviewer** entities can be assigned to a **Proposal**. The **Chair** holds veto rights during an **evaluation conflict**. During an **evaluation conflict**, the **Chair** is able to assign a **second opinion reviewer**.

Reviewer

PCM entity tasked with evaluating a **Proposal**. During the **evaluation process**, a **Reviewer** assigns a **grade** and **comments** on the paper. A **grade** and **comment** are final. A reviewer can see other **Reviewers**' **grades** and **comments** only after submitting theirs.

Second Opinion Reviewer

PCM entity tasked to re-evaluate a **Proposal** having contradictory evaluations in the first round of reviews. The **Second Opinion Reviewer** will **review** the given **Proposal** and has the same attributes as a **Reviewer**.

Evaluation

Strong Accept	3
Accept	2
Weak Accept	1
Borderline	0
Weak Reject	-1
Reject	-2
Strong Reject	-3

Actor entity found in the **second phase** of the **Conference** entity. See **Bidding** actor for information regarding the process prior to **Evaluation**. The **Reviewers** assigned to a proposal will mark it with a **grade**, and write a **justification** which contains advice on how the paper can be improved. Throughout the **Evaluation**, the **Reviewers** have access to all available information regarding the **Proposal**. A scale for **Evaluation grade** can be found below. Adding on the **grade** and **justification**, a comment system will be available to **Reviewers**. The comment system and the `grades`/ **justifications** of other Reviewers will be made available after a Reviewer posts their own Evaluation.

If the grades are all positive, the paper is automatically accepted. If the grades are all negative, the paper is automatically rejected. Should the Submission be met with mixed reviews, the **Chair and Co-Chair PCM** must resolve the conflict. To this end, **Evaluations** can be modified and the comment system can be used in order to reach consensus. If consensus is not possible, the **Chair** holds **veto right** over the result of the **Evaluation**. In a conflict situation, the **Chair** may invite a **Second Opinion Reviewer** in order to form their opinion.

Due to their decisional power, a **PCM Chair/Co-Chair** cannot submit a **Proposal**.
Furthermore, an **Author** that is a **PCM** cannot review their own paper, does not have access to the list of **Reviewers** and is not allowed to see the grades, suggestions or discussion regarding their own **Proposal**.
If consensus cannot be reached by the **second deadline**, the **Proposal** will be rejected by default.

Building on the last paragraph, the **`Author`** of any **`Proposal`** does not have access to the Evaluation process while it is ongoing.

Author

An **Author** is a **CMSUser** that has submitted or has a paper in which he's part of the list of **Authors** submitted as a **Proposal** on the conference site before the **Phase One** deadline. The **`Author`** can upload as many versions for both deadlines as they wish. The last submission of either the **`Abstract`** or **`Proposal`** will be final.

Speaker

A **CMSUser** part of the list of **Authors** from a **Proposal** accepted in the **Evaluation** process (see above) is named a **Speaker**.There is only one **Speaker** for each accepted paper. This **CMSUser** cannot be the **Chair of the Section** in which they present his paper.The **Speaker** can upload the content of the presentation on the **Conference site** in the format of their choice (.pdf/.ppt(x) files) prior to **phase three deadline**.

Scenarios

See page 132. This chapter presents scenarios that appear when using the product in natural language. The purpose of the scenarios is to help the audience understand the scope of the project. The title of a scenario will be introduced using *Heading 2*. Sub-aspects will be introduced using *Header 3*: *Participating actor instances*, *Flow of events*. Sub aspects will be filled using *normal text*. *Flow of events* sub-aspect will be presented as a *numerical list*.

Conference

Described by the title, sections, three deadlines corresponding to the three phases. Note that there exists an organisational phase, the zero phase, handled by **`Steering Committee Member`** entities for the respective conference.

In the **`Zero Phase`**, the **SCM** creates meta-data for the **`Conference`**, chooses the **PCM** and sets deadlines which can be modified later.

In the **`First Phase`**, **`Researchers`** can submit **`Proposals`**. Per **SCM** preference, there can be two deadlines for the **`First Phase`**: one for the **abstract,** and another one for the entire document. Otherwise, both have to be completed at the same time.

The Other Half

In the **Second Phase**, all the **Proposals** submitted until the first phase deadline undergo the **Bidding** and **Evaluation** process (see below), both processes having deadlines set by **SCM**.

In the **third phase**, each **Main Author** that had their **paper** accepted in the **Evaluation** process will now become a **Speaker**. On the conference site, the content of every presentation will be uploaded by the speaker in the format of their choice (.pdf/.ppt(x) files). A **session chair** is decided from the **PCM** (excluding speakers from the actual section) for each **section** of the conference. The **Session Chair** and **Co-Chair** and **PCM** group presentations by sections. The **Session Chair** or **Co-Chair** cannot be Speakers if their Proposal is accepted. Should this be the case, a random co-author of the Proposal will be chosen. The actual presentations take place.

Depending on the conference there can be 5 or 6 deadlines as follows:
- **Zero phase deadline**: **SCM** elects the **PCM**.
- **First phase deadline**: **Authors** submit **Proposals**, it is possible to have **2 different deadlines** here: one for the abstract and one for the proposal.
- **Bidding deadline**: **PCM** bid on the **Proposals** they want to evaluate.
- **Evaluation deadline**: **PCM** evaluates the **Proposals**.
- **Presentation deadline**: **Speakers** upload the presentation on the CMS.

Submitting Paper

1. The interested person creates its own user account with the information required(the name, affiliation, email address).
2. The **CMSUser** signs in.
3. The user submits the abstract with meta-information(abstract, name of the proposal, keywords, topics of interests, author(s), general schema of the proposal) or the full proposal when needed) until the deadline.
4. The submission of the papers has to be done in the interval specified. A deadline mentioned on the conference site called "Call for Papers" will be present. After that date, no other paper can be submitted anymore. **SessionChair** cannot be a speaker.

Bidding

1. **PCMMembers** briefly analyse **Proposals' abstracts**
2. They decide which **Proposal** they want to evaluate

3. The **Chair/Co-Chair** assigns to each **Reviewer** some **Proposals**. Usually 3 **Reviewers** should be assigned per **Proposal**, but depending on the conference level, there can be 4 **Reviewers**.
4. If a **Proposal** does not have at least 2 **Biddings**, it is rejected automatically.

Evaluation

1. **Reviewers** read the papers that are assigned to them.
2. They mark it with a grade and write their justification and advice on how the writers can improve their papers.
3. Qualifiers are used to grade a **Proposal**: strong accept, accept, weak accept, borderline paper, weak reject, reject and strong reject
4. There are 3 cases:
    a. **Proposal** is graded with all positive marks, it passes automatically
    b. **Proposal** is graded with all negative marks, it is rejected automatically
    c. **Proposal** has mixed reviews:
        i. The **Chair/Co-chair** requests **Reviewers** to discuss in order to get closer **Evaluations**.
        ii. If not possible, the **Chair** has veto right and can nominate a **SecondHandReviewer** to form a better opinion
5. Once a **Reviewer** uploads the result of an **Evaluation**, they will see the other **Evaluations** of the same paper delivered by other reviewers.
6. If an **Author** is a **PCMUser** of that **Conference**, they cannot see who are their **Reviewers** nor the **Justifications**.

Use Cases

See page 135. This chapter builds up on the Scenarios chapter by detailing all possible interactions between the actors and the system. Use cases should be atomic (e.g. as a `Reviewer` I want to register is different from as a `Reviewer` I want to login) and presented in natural language. The title of the scenario will be introduced using *Heading 2*. Sub aspects will be introduced using *Heading 3*: *Participating actors*, *Flow of events*, *Entry conditions*, *Exit conditions*. *Participating actors*, *Entry conditions*, *Exit conditions* will be filled using *normal text* and *bulleted list*. Flow of events will be filled using *normal text* and *numerical list*. Nontechnical requirements sub-aspects can be freely added, as illustrated in the book.

ImproveProposal

Participating Actors

- `Author` entity, owner of the **Proposal**
- `Proposal` entity, accepted into **third phase** of `Conference`

Flow of Events

1. The Author logs in the Conference Management Platform and navigates to the "My Proposals" section.
2. The Author selects the desired Proposal.
3. The Author can review the Evaluations, consisting of grade and justification, left by Reviewers.
4. The Author can act on them and upload a new form of the Proposal
5. The new Proposal form will replace the old one. The new form does not require further review from PCM.

Entry Conditions

- Author has accepted Proposal into the third phase of the Conference.
- The second deadline of the Conference has been reached.

Exit Conditions

- The Author has uploaded a valid file format, and receives positive feedback on the upload
- The Author has uploaded an unacceptable format, and is informed about accepted file formats via a prompt.

CMSUserLogOut

Participating Actors

- Initiated by **CMSUser**
- Communicating with **CMS**

Flow of Events

1. A logged in CMSUser presses the drop-down menu beside his profile from the header and selects the "Log out" option.
2. The CMS responds by presenting a prompt (in focus) that verifies the intent to log out.

3. If the CMSUser negates the attempt to log out, nothing will change besides the removal of the prompt.
If the CMSUser confirms it, the CMS responds by removing the user filled profile section and presents a generic one with the option to log in or sign up, with a redirect to the main page if the action was done from a user-specific page.

Entry Conditions

- **CMSUser** already logged in

Exit Conditions

- **CMSUser** logged off and brought to main page, if confirmation given

PCMBid

Participating Actors

- Initiated by **PCM**
- Communicates with **PCM Chair & Co-Chair**

Flow of Events

1. A logged in PCM navigates to the "My conferences" section and selects a desired conference, then goes to the proposals section.
2. The PCM can look at all the proposals that were sent and it can read each one. If desired, it can filter through them.
3. If one of the proposals is of PCM's interest, he can notify the PCM Chair & Co-Chair that he is disponible to be a reviewer of said paper by bidding on it, pressing the "Bid" button. If the Proposal is of no interest, the PCMUser can just ignore the proposal.
4. The vote can be changed as many times as wished until the bidding deadline. A PCM can bid on any amount of proposals.
5. After the bidding deadline ends, the PCM Chair & Co-Chair will select the desired reviewers of each paper (based on the researcher's background knowledge) and will notify a PCM if his bid was successful.

Entry Conditions

- Logged in **CMSUser.**
- **CMSUser** is delegated as **PCM.** (DelegateEditPCM)

Exit Conditions

- **PCM** bids on a proposal. The **PCM** is selected as a reviewer.
- **PCM** bids on a proposal. The **PCM** is not selected as a reviewer.
- **PCM** doesn't bid on a proposal. Nothing happens.

ReviewerEvaluate

Participating Actors

- Initiated by **PCM/Reviewer**
- Communicates with **CMS**

Flow of Events

1. A logged in `Reviewer` will navigate to the `Proposals` section and filter them by "Papers to be evaluated".
2. Clicking a Proposal from the list will result in a pop-up page where the Reviewer can read the title, abstract or download the paper.
3. A pop-up page will appear offering the option to choose between "Strong Accept", "Accept", "Weak Accept", "Borderline Paper", "Weak Reject", "Reject", and "Strong Reject".
4. After choosing the qualifier, the Reviewer has to leave a set of justifications, in order to justify his choice. The set of justifications will be inputted in a textarea.
5. When the paper has been graded and commented, the Reviewer can press the "Submit Review" button or the "Cancel" button.

Entry Conditions

1. The `CMSUser` is logged in
2. The `CMSUser` has **PMC** authority and is designated as `Reviewer`.

Exit Conditions

1. The `Reviewer` adds their `Evaluation` by clicking "Submit Review" button
2. The `Reviewer` cancels their Review using "Cancel" button

SetSecondOpinionReviewer

Participating Actors

- Initiated by **PCM Chair**
- Communicates with **PCM/Reviewer**

Flow of Events

1. If the **Evaluation** of a **Proposal** is inconclusive, the **Reviewers** of the paper cannot come to a conclusive **Evaluation.** From a list of Reviewers that were not assigned to the respective **Proposal** before, the **PCM Chair** will select one to be the **Second Opinion Reviewer**.
2. The **PCM Chair** will take into account the **Second Opinion Reviewer**'s **Evaluation**, keeping the **Veto Right**.

SCMCreateConference

Participating Actors

- Initiated by **CMSUser** with **PrimarySCM claims**.
- Results in creation of a Conference entity.

Flow of Events

1. **PrimarySCMUser** logs in the **CMS** platform
2. From the dashboard, **PrimarySCMUser** has access to the "Create Conference" button, and clicks it.
3. A pop-up form appears, where the following attributes must be filled: conference name, description, **Zero Phase** deadline, one or two deadlines for **First Phase** (see **Conference** scenario), two deadlines for **Second Phase** (**Bidding** and **Evaluation**), **Third Phase** deadline.
4. ~~Filling conference name allows to select the name of formerly organised Conferences, modelling the yearly/ periodic behaviour of real Conferences.~~ Furthermore, the edition field will be completed by the system.
5. The system will prevent the "Create" action if input is not valid: deadlines must have a minimum 2 weeks between them, titles must not be duplicate.
6. **PrimarySCMUser** clicks on the "Create" button, and **CMS** navigates to the "Conferences" section, "My Conferences" sub-section, visible only to **SCM**. The **PrimarySCMUser** can now add other **SCMUsers**, **PCMUsers**, edit or delete the **Conference** entity. Only actions in accordance with **Zero Phase** of **Conference** and **SCMUser claims** are displayed.

Entry Conditions

- **CMSUser** is authenticated.
- **CMSUser** has **PrimarySCMUser** associated claims.

Exit Conditions

- Conference entity is created successfully.

- CSMUser cancels the process using the "Cancel" button on the pop-up form.

DelegateEditPCM

Participating Actors

- SCMUser that assigns the PCMUsers
- CSMUsers that are delegated as PCMUsers
- Conference entity owned by PCMUser

Flow of Events

1. `SCMUser` navigates to the "Conferences" section, "My Conferences" sub-section; a list of Conferences organised by the `SCMUser` is displayed.
2. Each Conference can be interacted with using multiple actions, which are displayed inline with the `Conference` title. Only `SCMUser` related actions are displayed, such as, edit title, edit deadlines, edit **PCM** members. Only actions that match the `Conference Zero Phase` are displayed.
3. `SCMUser` clicks on the "Edit PCM Members" button; a pop-up appears, offering two dropdowns and a multiple picker
   a. The dropdowns are filled using a search-by-name mechanism applied over all users of the system. They are used for selecting the `Chair` and `Co-Chair` of the system.
   b. The multiple picker implements a similar search mechanism, but allows selecting multiple `CMSUsers` to be promoted to `PCMUser`
4. If **PCMUsers** had been chosen before, they will appear first in the dropdown/ multiple picker, allowing prompt removal if needed; **PCM** status can be removed using an 'X' icon placed inline with each `CMSUser` name.
5. **PCMUsers** must be filled by **Zero Phase** deadline, or the conference is automatically removed; at least 3 `PCMUsers` must be assigned, including the `Chair` and `Co-Chair`; this condition is validated by the system, which enables/ disables the "Submit" button accordingly.
6. `SCMUser` can cancel the modifications using the "Cancel" button. A confirmation pop-up will be displayed.
7. `SCMUser` can submit the modifications using the "Submit" button.
8. New/ removed **PCMUser** members will be notified accordingly.

Entry Conditions

- Authenticated **SCMUser**
- Edited **Conference** must be in its **Zero Phase**

Exit Conditions

- **SCMUser** submits modifications that were validated by the system before submission; affected users are notified accordingly.
- **SCMUser** cancels the modification operation.

AttendeeViewConferences

Participating Actors

- Initiated by **CMSUser**

Flow of Events

1. From the main page, a client, not necessarily logged in, should have a button easily identifiable which will take him to a different page listing all the already available conferences at which he can participate.
2. Eventually, a short sneak peek/preview list should be displayed along that button, making it a "See more" button.
3. At the listing page, filtering should be provided, mainly based on topic, but the usual ones (based on most recent, highest rating) should also be implemented.
4. If no conference is ready to go, a message should be displayed inviting the user to come back later.

Entry Conditions

- **CMSUser** accessing the system

Exit Conditions

- **CMSUser** clicks on the button and sees open conferences, if any available.

AttendeeRegisterToConference

Participating actors

- Initiated by **CMSUser**

Flow of events

1. **CMSUser** selects a desired conference from the list. A pop-up like window (referred as CWindow further down) should be displayed that expands on the conference's details.
2. If interested, the **CMSUser** can forward a participation request by clicking on the CWindow's side-bar button "I want to participate".
3. If the **CMSUser** is not logged in, he will be presented with a log-in request. If he refuses, the process stops here.
   In case he is logged/logs in:
   - If the profile of the **CMSUser** is fully completed, the information (full name, email, address etc) is gathered from there and presented for confirmation, the user can choose to keep it or change anything from it.
   - If the profile of the **CMSUser** is not giving enough, a form will be presented to the user for completion (as above: full name, email, address etc) in order for the participation to be committed. If the user refuses (presses "Cancel" button), the form will disappear and CWindow shown, without registering any participation.
4. If valid registration, present to the user that everything is alright and he will receive a confirmation and more details via email.

Entry Conditions

- **AttendeeViewConferences** step should be taken.

Exit Conditions

- Successful registration to a conference if the user gives enough information about himself.
- Unsuccessful attempt to participate if the user refuses to complete the registration form.

SpeakerUploadMaterial

Participating Actors

- Initiated by **Speaker**

Flow of Events

1. **Speaker** navigates to the "Conferences" section, "My Conferences" sub-section; a list of Conferences in which this particular user participates.

2. **Speaker** selects one of the Conferences denoted with the "Speaker" label, a pop-up like window (referred as CWindow further down) which expands on the information of the conference will be displayed.
3. The CWindow's will show, if already present, any file uploaded as support with an option to remove it (via a right side "x" method and prompting for confirmation).
4. On the CWindow's side-bar, an attachment "form" under the name of "Attach supporting material" can be clicked by **Speaker** which will bring a file picker to focus, from which files can be selected from the user's local storage. If a non-conforming format is chosen, a warning message will be shown to the user informing him of the restriction on file formats and telling him to upload a valid one.
5. If a proper file is chosen, the user will have two options: a "Submit" button and a "Cancel" one. After hitting Submit or Cancel a confirmation pop-up will be presented waiting for input. If Cancel is pressed, the file will not be stored anywhere. If Submit is pressed, the **Speaker** will be notified of the success of this operation.
6. The **Speaker** will have access and can modify this file anytime. (Even at a time-cushion post-event).

Entry Conditions

- Logged in **CMSUser**
- **Speaker** permissions and elevation of the **CMSUser** at the given conference

Exit Conditions

- No changes made
- **Speaker** removes a supporting material
- **Speaker** tries to upload a bad format file and is prompted to change it
- **Speaker** uploads a valid format and the file is accepted as presenting material, showing in the "Supporting Material" list
- **Speaker** uploads a valid format, but presses the Cancel button, the file is not sent and no change is made

AdminPromotesSCM

Participating actors

- Initiated by **Admin**
- A **CMSUser** that is assigned by the admin
- Results in the creation of a **SCMUser**

Flow of events

1. **Admin** logs in the **CMS** platform. The **CMS** acknowledges the `CMSUser` as an `Admin`, and will display the administration portal.
2. On the platform the **Admin** has access to a list containing all **CMSUsers** along with their `Usernames`. From the list the **Admin** searches the desired **CMSUser**.
3. Once the desired **CMSUser** is found, the **Admin** clicks on the selected user and a "Promote to SCM" option will appear.
4. The **Admin** clicks on the option and a confirmation message will appear, asking the admin if sure about the decision, if they refuse, the process is stopped here, if not, a **SCMUser** is created.

Entry Conditions

- **Admin** accessing the system.

Exit Conditions

- **Admin** confirms the modification and the affected **CMSUser** is notified.
- **Admin** cancels the modification operation.

CMSUserRegister

Participating Actors

- Initiated by **CMSUser**.
- Communicating with **CMS**.

Flow of events

1. A non-authorized **CMSUser** presses the "Register" button on the landing page.
2. **CMS** directs him to a pop-up form where the user is required to input the following attributes:
   - Unique username
   - Password
   - Full Name
   - Email
3. CMS validates the data, and does not allow submitting if data is invalid. If the data is not valid, the user is required to change their input
4. CMSUser presses "Accept" button
5. If the data is valid (username is unique, email is valid and unused), the user is directed to the home page as a logged-in user

Entry conditions

- CMSUser not logged-in
- CMSUser data is valid

Exit conditions

- CMSUser is registered and logged in

SCMEditConference

Participating Actors

- **SCMUser Chair** or **SCMUser Co-Chair**.
- `Zero Phase Conference` or `Third Phase Conference` that is to be edited.

Flow of Events

1. **SCMUser** navigates to the `Conference` section, "My Conference" sub-section.
2. **SCMUser** clicks desired **Conference**.
3. A form will appear, allowing editing the title, the description, the current list of **Sections**. **Sections** can be added using a plain text input, while removal can be done by clicking the 'X' button from the `Section's` card. A dropdown is available to set the `Section Chair`.
   a. Adding or removing `Sections` is only available in `Zero Phase`.
   b. Setting the `Section Chair` is only available and visible in `Third Phase`. Conference attendees that are the sole `Author` (and `MainAuthor`) of a `Proposal` are not eligible for the `Section Chair` role.
4. The input is validated by the system, which will not allow invalid information. Invalid fields are highlighted in real time, explaining the reason.
5. **SCMUser** clicks the "Submit" button, submitting the changes and closing the modal.

Entry Conditions

- **SCMUser** is logged in and owns the `Conference`.
- Conference is in `Zero Phase` or `Third Phase`.

Exit Conditions

- User clicks the "Cancel" button, changes are not submitted.
- User clicks the "Submit" button, changes are accepted.

AuthorNotifiedAcceptance

Participating Actors
- **Author** of a **Proposal**

Flow of Events
1. The **Author** logs into **CMS** platform
2. The bell icon in the right corner of the status bar will reflect the appearance of a notification
3. Clicking the bell icon, the list of notifications will appear. The new notification will have a slight blue background, rather than the standard white.
4. The new notification will inform the **Author** that their **Proposal** has been accepted
5. Clicking the notification will redirect the user towards the "Proposals" section, "My Proposals" sub-section.
6. The accepted Proposal in the list will have new actions available, such as review feedback or upload phase III presentation materials

Entry Conditions
- **Author** logged into **CMSUser**
- **Author** has a new accepted **Proposal**

Exit Conditions
- **Author** ignores the notification; closing the notification list will mark the notification as read
- **Author** click the notification, the notification will mark as read

SubmitProposal

Participating Actors
- **CMSUser** that submits a **Proposal**
- Created **Proposal** if successful

Flow of Events
1. **CMSUser** logs into the **CMS** platform
2. **CMSUser** navigates to "Proposals" section, "My Proposals" sub-section

3. **CMSUser** clicks the header of the list containing their **Proposals**, named "Add Proposal"; the user is presented with an input, a textarea, a file picker, a dropdown and a multiple picker
   a. The input allows inputting the title of the **Proposal**
   b. The textarea allows inputting the abstract of the **Proposal**
   c. The file picker allows inputting the actual proposal file. The picker allows PDF format.
   d. The dropdown allows selecting the **First Phase Conference** the **Proposal** addresses.
   e. The multiple picker allows selecting secondary **Authors** of the **Proposal**.
4. **CMS** validates **CMSUser** input, and will not allow proceeding if the input does not conform
5. The user can cancel the process at any time by clicking the "Cancel" button
6. After inputting the **Proposal**, the user clicks the "Submit" button in order to save the **Proposal**.

Entry Conditions

- **CMSUser** is logged in.

Exit Conditions

- **CMSUser** cancels the input process.
- **CMSUser** submits a new **Proposal** and is designated as main **Author**.

CMSUserLogin

Flow of Events

1. CMSUser accesses the CMS application
2. If they have logged in the last 5 days, the authentication token issued before is still available, and they will skip the login screen to the home screen.
3. If **CMSUser** has just registered, they will be redirected to the home screen instead of the login screen.
4. If **CMSUser** does not have an account, they can click the *"I do not have an account"* link above the login button.
5. If **CMSUser's** authentication token has expired, the login screen is presented, requiring email and password inputs.
6. If **CMSUser** inputs valid credentials, they are redirected towards the home page.
7. If **CMSUser** inputs invalid credentials, a toast above the form will appear notifying the user, and the input fields will be resetted.

Entry Conditions

- **CMSUser** has an expired authorization token, and is prompted to login.
- **CMSUser** registers, skipping the login form

Exit Conditions

- **CMSUser** successfully logs in.
- **CMSUser** submits incorrect credentials, and is informed via a toast.

AuthorFirstEdit

Participating Actors

- Initiated by **Author**

Flow of Events

1. The **Author** navigates to the "My Proposals" section.
2. The **Author** selects the desired Proposal.
3. Depending on the status of the first phase deadline:
   - If the deadline is passed, no change can be made to the proposal. (this path stops here)
   - If not, the **Author** can decide if he wants to change the initial proposal,
     >> making changes under the "Change proposal materials." header:
       = by removing an existing file
       = by uploading a file via the file picker (filetype validation applicable)
     >> making changes under the "Edit Authors" header:
       = removing an existing Author
       = adding a new Author
     >> making changes under the "Abstract" header:
       = changing text of the abstract
4. The **Author** confirms its changes and the edited proposal is saved, or the **Author** declines the changes and no modification is made.

Entry Conditions

- Logged in **CMSUser**
- A proposal is submitted by **CMSUser** (SubmitProposal)
- The First Deadline is not surpassed.

Exit Conditions

- **Author** submits some changes and the new proposal is saved.
- **Author** doesn't submit any changes and the initial proposal is retained.

AssigningReviewersToProposal

Participating Actors

- Initiated by **PCM Chair & Co-Chair**

Flow of Events

1. **PCM Chair & Co-Chair** go to the "Conference" section and then to the Proposals subsection.
2. **PCM Chair & Co-Chair** select a proposal for a conference.
3. A subpage with the **PCM** that bid the proposal for that conference will appear.
4. **PCM Chair & Co-Chair** select minimum 2 **PCM** that bid the proposal to make a review on it.
5. There will be a button "Assign Reviewers" that will be pressed after the selection is made.

Entry Conditions

- The bidding deadline has ended.
- The reviewers must be a **PCM**.

Exit Conditions

- The reviewers have been assigned to that paper.

ImproveProposalAfterReview

Participating Actors

- **MainAuthor** who has an accepted **Proposal**

Flow of Events

1. **MainAuthor** will go to the **Proposals** section and select the "*My Proposals*" subsection.
2. After the **Proposal** has been accepted, a "*View Recommendations*" button will appear next to the **Proposal**. When pressing the "*View*

Recommendations" button, the **MainAuthor** will be able to read all recommendations in a pop-up. The recommendations will be displayed as a checklist. The Author can check recommendations that have been accounted for. **MainAuthor** will not be able to view their **Proposal**'s grades.

3. After reading the recommendations, the **MainAuthor** can press the *"Edit Paper"* button or close the pop-up window.
4. If the "*Edit Paper*" button is pressed, the current Modal closes and another one pops-up. The **Author** can make changes to the **Proposal** and select one of the three options:
   a. "*Save Changes*" button - the changes will be added to the **Proposal**.
   b. "*Cancel*" button - nothing is added or saved.
5. When the **Author** has finished making changes to the **Proposal**, he can check the recommendations he took into account when making the changes.

Entry Conditions

- **Author** is logged in.
- **Proposal** from **Author** has been accepted.