

ConferIT

Korec-Horecky-Pavlu

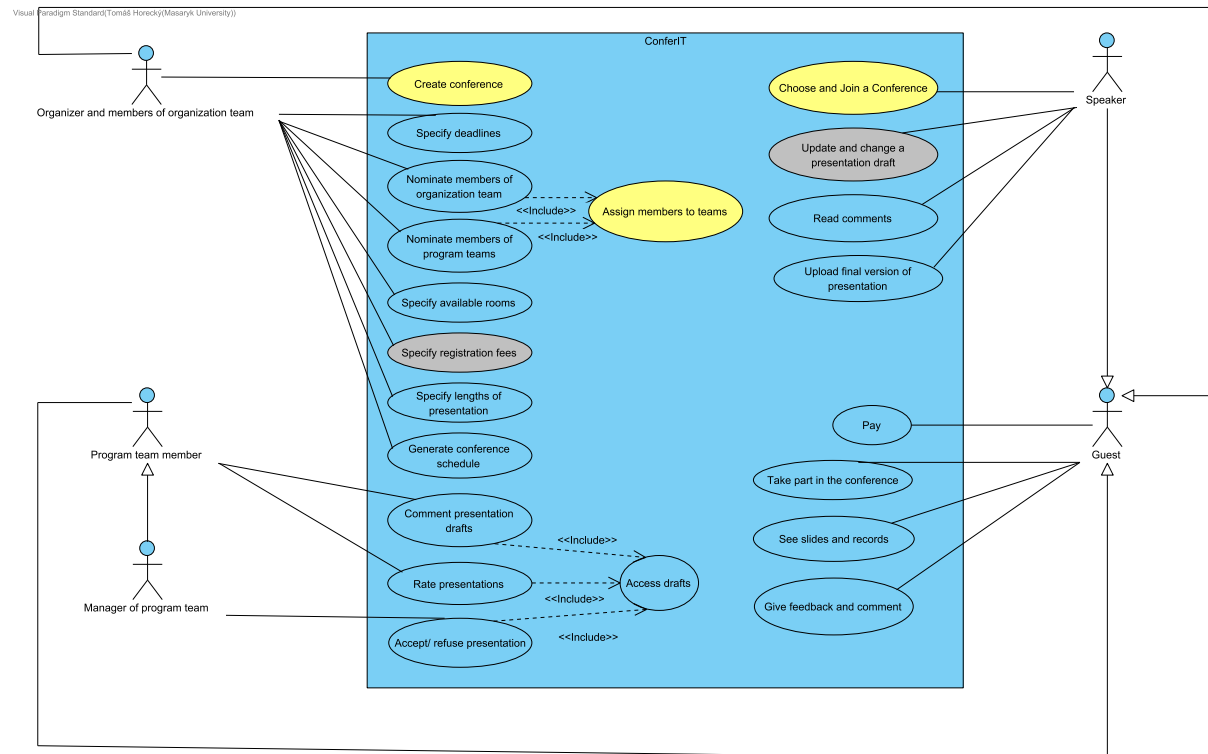
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Use Case Diagram



Summary

Name	Description										
Organizer and members of organization team											
Program team member											
Manager of program team											
Speaker											
Guest											
Nominate members of program teams	<table> <tr> <td>Use Case ID</td><td>UC22</td></tr> <tr> <td>Brief Description</td><td>Organizer nominates members of program teams (each thematic section of the conference has its own program team)</td></tr> <tr> <td>Primary Actors</td><td>Organizer</td></tr> <tr> <td>Secondary Actors</td><td></td></tr> <tr> <td>Preconditions</td><td>Organizer is signed in and the conference was created</td></tr> </table>	Use Case ID	UC22	Brief Description	Organizer nominates members of program teams (each thematic section of the conference has its own program team)	Primary Actors	Organizer	Secondary Actors		Preconditions	Organizer is signed in and the conference was created
Use Case ID	UC22										
Brief Description	Organizer nominates members of program teams (each thematic section of the conference has its own program team)										
Primary Actors	Organizer										
Secondary Actors											
Preconditions	Organizer is signed in and the conference was created										

	Main Flow of Events	
	Alternative Flows	
	Post-conditions	
Assign members to teams		
	Use Case ID	UC21
	Brief Description	There are two opportunity how to add a member of all teams. If the member is registered the organizer use his/ her email to find him/ her. If the future member is not registered the organizer has to fill an email in and then the invitation will be send. Registered member can a possibility to access or refuse immediately. The system gives non-registered ones a possibility to register and then accept or refuse an invitation.
	Primary Actors	Organizer
	Secondary Actors	Members of organizational team, members of program teams
	Preconditions	Organizer is signed in
	Main Flow of Events	1. Organizer searches for the future member in the system 2. If the future member has account in the system, continue main flow, otherwise start alternative flow 2.1 3. If the future member accepts invitation, he/she becomes member of particular team, if he/she declines, organizer is notified about this
	Alternative Flows	2.1 If the future member does not have an account, he or she is sent invitation link via e-mail 2.2 After he or she creates account, return to main flow, point 3
	Post-conditions	
Access drafts		

	Use Case ID	UC20
	Brief Description	Members of program teams are able to browse drafts submitted to their section.
	Primary Actors	Member of program team
	Secondary Actors	
	Preconditions	
	Main Flow of Events	
	Alternative Flows	
	Post-conditions	
Pay	Use Case ID	UC19
	Brief Description	Payment is provided through the service of arbank
	Primary Actors	Guest
	Secondary Actors	
	Preconditions	
	Main Flow of Events	
	Alternative Flows	
	Post-conditions	
Take part in the conference	Use Case ID	UC18
	Brief Description	Guests can take part of a whole conference or just a part of it.
	Primary Actors	Guest
	Secondary Actors	

	Preconditions	
	Main Flow of Events	
	Alternative Flows	
	Post-conditions	
See slides and records		
	Use Case ID	UC17
	Brief Description	Video record and slides of each presentation have been included to the system after a week.
	Primary Actors	Guest
	Secondary Actors	
	Preconditions	
	Main Flow of Events	
	Alternative Flows	
	Post-conditions	
Give feedback and comment		
	Use Case ID	UC15
	Brief Description	During and after a conference all participants can give feedback by using grades 1 (the less interesting) to 5 (the most interesting) and they can write comments too. Rating and comments are visible for anyone.
	Primary Actors	Guest
	Secondary Actors	
	Preconditions	

	Main Flow of Events	
	Alternative Flows	
	Post-conditions	
Upload final version of presentation		
	Use Case ID	UC14
	Brief Description	If the manager of program team accepts presentation, the authors have to upload a final version to system by deadlines that was specified by organizer.
	Primary Actors	Speaker
	Secondary Actors	
	Preconditions	
	Main Flow of Events	
	Alternative Flows	
	Post-conditions	
Read comments		
	Use Case ID	UC13
	Brief Description	All authors can read comments from members of program team if they allow it.
	Primary Actors	Speaker
	Secondary Actors	
	Preconditions	
	Main Flow of Events	
	Alternative Flows	

Rate presentations	Post-conditions	
	Use Case ID	UC12
	Brief Description	Each member of program team can rate a presentation draft according to its interestingness. It is done by using grades from 1 (the less interesting) to 5 (the most interesting).
	Primary Actors	Member of program team
	Secondary Actors	
	Preconditions	
	Main Flow of Events	
	Alternative Flows	
	Post-conditions	
Comment presentation drafts		
	Use Case ID	UC11
	Brief Description	Each member of program team can comment presentation drafts. They can choose if their comments will be private (visible just for other members of program/organization team) or public (visible even for authors).
	Primary Actors	Member of program team
	Secondary Actors	
	Preconditions	
	Main Flow of Events	
	Alternative Flows	

	<table> <tr> <td>Post-conditions</td><td></td></tr> </table>	Post-conditions															
Post-conditions																	
Accept/ refuse presentation	<table> <tr> <td>Use Case ID</td><td>UC10</td></tr> <tr> <td>Brief Description</td><td>The manager of the program team decides if a presentation is accepted or not.</td></tr> <tr> <td>Primary Actors</td><td>Manager of program team</td></tr> <tr> <td>Secondary Actors</td><td></td></tr> <tr> <td>Preconditions</td><td></td></tr> <tr> <td>Main Flow of Events</td><td></td></tr> <tr> <td>Alternative Flows</td><td></td></tr> <tr> <td>Post-conditions</td><td></td></tr> </table>	Use Case ID	UC10	Brief Description	The manager of the program team decides if a presentation is accepted or not.	Primary Actors	Manager of program team	Secondary Actors		Preconditions		Main Flow of Events		Alternative Flows		Post-conditions	
Use Case ID	UC10																
Brief Description	The manager of the program team decides if a presentation is accepted or not.																
Primary Actors	Manager of program team																
Secondary Actors																	
Preconditions																	
Main Flow of Events																	
Alternative Flows																	
Post-conditions																	
Update and change a presentation draft	<table> <tr> <td>Use Case ID</td><td>UC09</td></tr> <tr> <td>Brief Description</td><td>Each author can make changes in drafts - only by deadline. About each change other authors are informed by mail.</td></tr> <tr> <td>Primary Actors</td><td>Speaker</td></tr> <tr> <td>Secondary Actors</td><td></td></tr> <tr> <td>Preconditions</td><td></td></tr> <tr> <td>Main Flow of Events</td><td></td></tr> <tr> <td>Alternative Flows</td><td></td></tr> <tr> <td>Post-conditions</td><td></td></tr> </table>	Use Case ID	UC09	Brief Description	Each author can make changes in drafts - only by deadline. About each change other authors are informed by mail.	Primary Actors	Speaker	Secondary Actors		Preconditions		Main Flow of Events		Alternative Flows		Post-conditions	
Use Case ID	UC09																
Brief Description	Each author can make changes in drafts - only by deadline. About each change other authors are informed by mail.																
Primary Actors	Speaker																
Secondary Actors																	
Preconditions																	
Main Flow of Events																	
Alternative Flows																	
Post-conditions																	
Choose and Join a Conference	<table> <tr> <td>Use Case ID</td><td>UC08</td></tr> </table>	Use Case ID	UC08														
Use Case ID	UC08																

	Brief Description	Speaker chooses from a list of conferences and then choose a section. Fill up the list of authors (their name, working position, biography and email). Gives presentation a name, write an abstract and add key words. After adding draft or presentation all authors are informed by mail about adding the draft.
	Primary Actors	Speaker
	Secondary Actors	
	Preconditions	Speaker has account in the system and is signed in
	Main Flow of Events	<ol style="list-style-type: none"> 1. Speaker chooses conference and section he/she wishes to speak at 2. Speaker fills list of authors 3. Speaker enters info about presentation (name, abstract, keywords) 4. If the speaker adds presentation draft, all authors are notified via e-mail
	Alternative Flows	
	Post-conditions	Presentation draft is created and submitted to chosen conference and section
Generate conference schedule		
	Use Case ID	UC07
	Brief Description	After deadline of sending the final version of presentation the organizer can let to generate a conference schedule
	Primary Actors	Organizer
	Secondary Actors	
	Preconditions	
	Main Flow of Events	
	Alternative Flows	
	Post-conditions	
Specify lengths of presentation		

	Use Case ID	UC06
	Brief Description	Organizer specifies kinds of presentation according to lengths these ones.
	Primary Actors	Organizer
	Secondary Actors	
	Preconditions	
	Main Flow of Events	
	Alternative Flows	
	Post-conditions	
Specify registration fees		
	Use Case ID	UC05
	Brief Description	Organizer specifies registration fees according to types of presentation, date of registration and specify a list of associations whose members have a discount. He or she also specifies a discount for the previous participants.
	Primary Actors	Organizer
	Secondary Actors	
	Preconditions	
	Main Flow of Events	
	Alternative Flows	
	Post-conditions	
Specify available rooms		
	Use Case ID	UC04

	Brief Description	Organizer specifies available rooms which presentation can take place in and specifies its capacity.
	Primary Actors	Organizer
	Secondary Actors	
	Preconditions	
	Main Flow of Events	
	Alternative Flows	
	Post-conditions	
Nominate members of organization team	Use Case ID	UC03
	Brief Description	Organizer nominates members of organization team .
	Primary Actors	Organizer
	Secondary Actors	
	Preconditions	Signing in and the conference was created
	Main Flow of Events	
	Alternative Flows	
	Post-conditions	
Specify deadlines	Use Case ID	UC02
	Brief Description	Organizer specifies deadlines of sending presentation drafts, specifies deadlines of registration, specifies deadlines of sending final accepted presentation
	Primary Actors	Organizer

	Secondary Actors	
	Preconditions	Signing in and a conference
	Main Flow of Events	
	Alternative Flows	
	Post-conditions	
Create conference	Use Case ID	UC01
	Brief Description	After creating a conference organizer specifies thematic sections and their names including a name of the whole conference as an event. He or she describes the conference and each thematic section. The organizer specifies dates of conference and a place of the event.
	Primary Actors	Organizer and other members
	Secondary Actors	
	Preconditions	Signing in
	Main Flow of Events	1. UseCase starts if an organizer creates a conference event 2. Organizer assigns a name to conference 3. Organizer specifies thematic sections 4. Organizer assigns names to thematic sections 5. Organizer describes the conference 6. Organizer describes thematic sections 7. Organizer specifies the date and place of the conference
	Alternative Flows	6. If the organizer does not fill all requirements in the current step the system does not allow them to continue in the main flow
	Post-conditions	A conference was created
ConferIT		

Description

Use Cases:

Organizer

- 1) Create conference
- 2) Specify deadlines
- 3) Nominate members of project and organization teams
- 4) Specify available rooms
- 5) Specify registration fees
- 6) Specify lengths of presentations
- 7) Generate conference schedule

Program team members

- 8) Comment presentation drafts
- 9) Rate presentations

Manager of program team

- 10) Accept/ refuse presentation

Authors/ speakers

- 11) Choosing and joining a conference
- 12) Actualization and changing drafts
- 13) Possibility to read comments
- 14) Upload final version

Guests and participants

- 15) Pay
- 16) Take part a conference
- 17) Possibility to see slides and records
- 18) Give feedback and comments

Non-functional requirements:

- 1) UI created by HTML, CSS, jQuery
- 2) Back-end created using PHP, framework Laravel
- 3) Database system - MySQL
- 4) Be able to handle more users immediately before deadline
- 5) Back up every day

Details

Organizer and members of organization team

Program team member

Manager of program team

Speaker

Guest

Nominate members of program teams

Assign members to teams

Access drafts

Pay

Take part in the conference

See slides and records

Give feedback and comment

Upload final version of presentation

Read comments

Rate presentations

Comment presentation drafts

Accept/ refuse presentation

Update and change a presentation draft

Choose and Join a Conference

Generate conference schedule

Specify lengths of presentation

Specify registration fees

Specify available rooms

Nominate members of organization team

Specify deadlines

Create conference

ConferIT

Children

Name		Description
Create conference		
		Use Case ID UC01
		Brief Description After creating a conference organizer specifies thematic sections and their names including a name of the whole conference as an event. He or she describes the conference and each thematic section. The organizer specifies dates of conference and a place of the event.
		Primary Actors Organizer and other members

	Secondary Actors	
	Preconditions	Signing in
	Main Flow of Events	1. UseCase starts if an organizer creates a conference event 2. Organizer assigns a name to conference 3. Organizer specifies thematic sections 4. Organizer assigns names to thematic sections 5. Organizer describes the conference 6. Organizer describes thematic sections 7. Organizer specifies the date and place of the conference
	Alternative Flows	If the organizer does not fill all requirements in the current step the system does not allow them to continue in the main flow
	Post-conditions	A conference was created
Specify deadlines		
	Use Case ID	UC02
	Brief Description	Organizer specifies deadlines of sending presentation drafts, specifies deadlines of registration, specifies deadlines of sending final accepted presentation
	Primary Actors	Organizer
	Secondary Actors	
	Preconditions	Signing in and a conference
	Main Flow of Events	
	Alternative Flows	
	Post-conditions	
Nominate members of organization team		
	Use Case ID	UC03

	Brief Description	Organizer nominates members of organization team .
	Primary Actors	Organizer
	Secondary Actors	
	Preconditions	Signing in and the conference was created
	Main Flow of Events	
	Alternative Flows	
	Post-conditions	
Specify available rooms		
	Use Case ID	UC04
	Brief Description	Organizer specifies available rooms which presentation can take place in and specifies its capacity.
	Primary Actors	Organizer
	Secondary Actors	
	Preconditions	
	Main Flow of Events	
	Alternative Flows	
	Post-conditions	
Specify registration fees		
	Use Case ID	UC05
	Brief Description	Organizer specifies registration fees according to types of presentation, date of registration and specify a list of associations whose members have a discount. He or she also specifies a discount for the previous participants.

	Primary Actors	Organizer
	Secondary Actors	
	Preconditions	
	Main Flow of Events	
	Alternative Flows	
	Post-conditions	
Specify lengths of presentation		
	Use Case ID	UC06
	Brief Description	Organizer specifies kinds of presentation according to lengths these ones.
	Primary Actors	Organizer
	Secondary Actors	
	Preconditions	
	Main Flow of Events	
	Alternative Flows	
	Post-conditions	
Generate conference schedule		
	Use Case ID	UC07
	Brief Description	After deadline of sending the final version of presentation the organizer can let to generate a conference schedule
	Primary Actors	Organizer
	Secondary Actors	
	Preconditions	

	Main Flow of Events	
	Alternative Flows	
	Post-conditions	
Choose and Join a Conference		
	Use Case ID	UC08
	Brief Description	Speaker chooses from a list of conferences and then choose a section. Fill up the list of authors (their name, working position, biography and email). Gives presentation a name, write an abstract and add key words. After adding draft or presentation all authors are informed by mail about adding the draft.
	Primary Actors	Speaker
	Secondary Actors	
	Preconditions	Speaker has account in the system and is signed in
	Main Flow of Events	<ol style="list-style-type: none"> 1. Speaker chooses conference and section he/she wishes to speak at 2. Speaker fills list of authors 3. Speaker enters info about presentation (name, abstract, keywords) 4. If the speaker adds presentation draft, all authors are notified via e-mail
	Alternative Flows	
	Post-conditions	Presentation draft is created and submitted to chosen conference and section
Update and change a presentation draft		
	Use Case ID	UC09
	Brief Description	Each author can make changes in drafts - only by deadline. About each change other authors are informed by mail.
	Primary Actors	Speaker
	Secondary Actors	

	Preconditions	
	Main Flow of Events	
	Alternative Flows	
	Post-conditions	
Accept/ refuse presentation		
	Use Case ID	UC10
	Brief Description	The manager of the program team decides if a presentation is accepted or not.
	Primary Actors	Manager of program team
	Secondary Actors	
	Preconditions	
	Main Flow of Events	
	Alternative Flows	
	Post-conditions	
Comment presentation drafts		
	Use Case ID	UC11
	Brief Description	Each member of program team can comment presentation drafts. They can choose if their comments will be private (visible just for other members of program/ organization team) or public (visible even for authors).
	Primary Actors	Member of program team
	Secondary Actors	
	Preconditions	

	Main Flow of Events	
	Alternative Flows	
	Post-conditions	
Rate presentations		
	Use Case ID	UC12
	Brief Description	Each member of program team can rate a presentation draft according to its interestingness. It is done by using grades from 1 (the less interesting) to 5 (the most interesting).
	Primary Actors	Member of program team
	Secondary Actors	
	Preconditions	
	Main Flow of Events	
	Alternative Flows	
	Post-conditions	
Read comments		
	Use Case ID	UC13
	Brief Description	All authors can read comments from members of program team if they allow it.
	Primary Actors	Speaker
	Secondary Actors	
	Preconditions	
	Main Flow of Events	
	Alternative Flows	

Upload final version of presentation	Post-conditions	
	Use Case ID	UC14
	Brief Description	If the manager of program team accepts presentation, the authors have to upload a final version to system by deadlines that was specified by organizer.
	Primary Actors	Speaker
	Secondary Actors	
	Preconditions	
	Main Flow of Events	
	Alternative Flows	
	Post-conditions	
Give feedback and comment		
	Use Case ID	UC15
	Brief Description	During and after a conference all participants can give feedback by using grades 1 (the less interesting) to 5 (the most interesting) and they can write comments too. Rating and comments are visible for anyone.
	Primary Actors	Guest
	Secondary Actors	
	Preconditions	
	Main Flow of Events	
	Alternative Flows	
	Post-conditions	

See slides and records		
	Use Case ID	UC17
	Brief Description	Video record and slides of each presentation have been included to the system after a week.
	Primary Actors	Guest
	Secondary Actors	
	Preconditions	
	Main Flow of Events	
	Alternative Flows	
	Post-conditions	
Take part in the conference		
	Use Case ID	UC18
	Brief Description	Guests can take part of a whole conference or just a part of it.
	Primary Actors	Guest
	Secondary Actors	
	Preconditions	
	Main Flow of Events	
	Alternative Flows	
	Post-conditions	
Pay		
	Use Case ID	UC19
	Brief Description	Payment is provided through the service of arbank

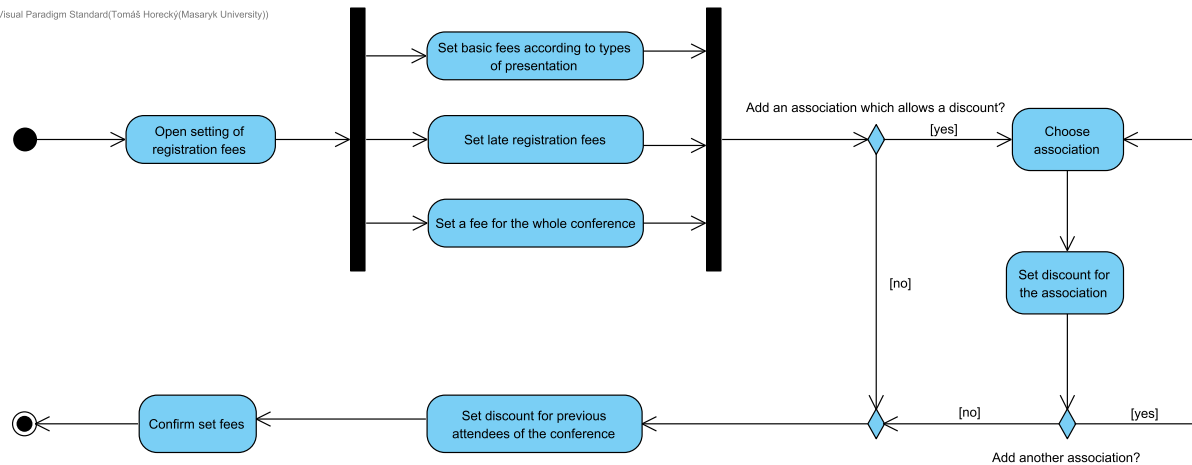
	Primary Actors	Guest
	Secondary Actors	
	Preconditions	
	Main Flow of Events	
	Alternative Flows	
	Post-conditions	
Access drafts		
	Use Case ID	UC20
	Brief Description	Members of program teams are able to browse drafts submitted to their section.
	Primary Actors	Member of program team
	Secondary Actors	
	Preconditions	
	Main Flow of Events	
	Alternative Flows	
	Post-conditions	
Assign members to teams		
	Use Case ID	UC21
	Brief Description	There are two opportunity how to add a member of all teams. If the member is registered the organizer use his/ her email to find him/ her. If the future member is not registered the organizer has to fill an email in and then the invitation will be send. Registered member can a possibility to access or refuse immediately. The system gives non-registered ones a possibility

		to register and then accept or refuse an invitation.
	Primary Actors	Organizer
	Secondary Actors	Members of organizational team, members of program teams
	Preconditions	Organizer is signed in
	Main Flow of Events	1. Organizer searches for the future member in the system 2. If the future member has account in the system, continue main flow, otherwise start alternative flow 2.1 3. If the future member accepts invitation, he/she becomes member of particular team, if he/she declines, organizer is notified about this
	Alternative Flows	2.1 If the future member does not have an account, he or she is sent invitation link via e-mail 2.2 After he or she creates account, return to main flow, point 3
	Post-conditions	
Nominate members of program teams		
	Use Case ID	UC22
	Brief Description	Organizer nominates members of program teams (each thematic section of the conference has its own program team)
	Primary Actors	Organizer
	Secondary Actors	
	Preconditions	Organizer is signed in and the conference was created
	Main Flow of Events	
	Alternative Flows	
	Post-conditions	

Activity Diagram

Specify registration fees

Visual Paradigm Standard(Tomáš Horecký(Masaryk University))



Summary

Name	Description
Open setting of registration fees	
Set basic fees according to types of presentation	
Set late registration fees	
Set a fee for the whole conference	
Add an association which allows a discount?	
Choose association	
Set discount for the association	
Add another association?	
Set discount for previous attendees of the conference	
Confirm set fees	

Details

N/A

Open setting of registration fees

N/A

Set basic fees according to types of presentation

Set late registration fees

Set a fee for the whole conference

N/A

Add an association which allows a discount?

Choose association

Set discount for the association

Add another association?

N/A

Set discount for previous attendees of the conference

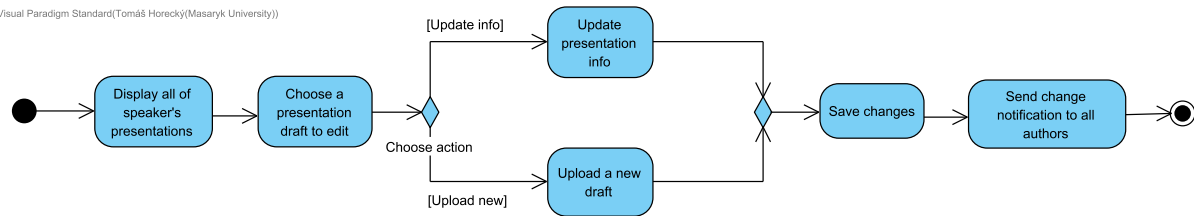
Confirm set fees

N/A

Activity Diagram

Update and change a presentation draft

Visual Paradigm Standard(Tomáš Horecký(Masaryk University))



Summary

Name	Description
Display all of speaker's presentations	Speaker may take part in multiple presentations, this action allows the speaker to choose between them.
Choose a presentation draft to edit	
Choose action	
Update presentation info	
Upload a new draft	
Save changes	
Send change notification to all authors	

Details

N/A

Display all of speaker's presentations

Choose a presentation draft to edit

Choose action

Update presentation info

Upload a new draft

N/A

Save changes

Send change notification to all authors

N/A