

FPT UNIVERSITY

Capstone Project Document

SCIENCE RESEARCH ACTIVITY SUPPORT SYSTEM

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Definition and Acronyms

Acronym	Definition
API	Application Program Interface
BR	Business Rule
ERD	Entity Relationship Diagram
EX	Exclusion
FE	Feature
FK	Foreign Key
LI	Limitation
MS	Message
PK	Primary Key
SDD	Software Design Description
SRS	Software Requirement Specification
UC	Use Case
UI	User Interface
WBS	Work Breakdown Structure
HCM	Ho Chi Minh
Call for papers	An announcement, usually made by a conference organizer, seeking submissions of abstracts or research papers
COI	Conflict of interest
Submission conflict of interest	A conflict of interest that is declared by an author of a submission
Reviewer conflict of interest	A conflict of interest that is declared by a reviewer
Plagiarism Checker	A Plagiarism Checker is a tool that helps identify instances of plagiarism or copyright infringement within a work of content
DOI	Digital Object Identifier, is a string of numbers, letters, and symbols used to permanently identify an article or document and link to it on the web

Table 1 - Acronym and Definition

I. Project Introduction

1. Overview

1.1 Project Information

- Project name: Science Research Activity Support System
- Project code: SU23SE08
- Group name: GSU23SE08
- Software type: Web App

1.2 Project Team

Full Name	Role	Email	Mobile
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Table 2 - Project Team

2. Introduction

The Science Research Activity Support System (SRASS) was designed to meet the specific requirements of the FPT University, Ho Chi Minh Campus's Library and Research Department. Its primary purpose is to simplify the process of managing scientific conferences, with the initial deployment taking place at the HCM Campus. The basic idea behind this project is to establish a system to support conference management activities and coordinate activities of conference attendees: PC chairs, authors, and reviewers, from the initial phase when the individual accountable for managing a conference receives the approved conference plan up to the end of the conference.

3. Product Background

For over two decades, FPT Education has been on a transformative journey, guided by a steadfast vision known as iGSM (Industry-Relevant - Global - Smart Education - Mega). This vision is firmly grounded in the aspiration to become an internationally recognized mega-education system that aligns with societal demands and harnesses state-of-the-art educational technologies. With a history marked by growth and innovation, FPT Education has established itself as a pioneer in the field of education.

At the heart of FPT Education, FPT University plays a pivotal role by organizing numerous annual academic initiatives to promote research and innovation. However, as scientific conferences evolve to enhance research and innovation, FPT University encounters challenges in optimizing the management process. Currently, this process encompasses the following sequential activities:

1. Input Conference Plan
2. Configure Conference Preferences
3. Initiate a Call for Research Papers
4. Appoint Paper Reviewers

5. Finalize Paper Decisions
6. Communicate Decision Results
7. Request for Camera Readies
8. Request Presentation Materials
9. Produce Reports

This is a sophisticated process. Furthermore, this process largely depends on the experience of the person responsible for managing these conferences to run smoothly. This would impose a restriction on the effectiveness of the standard procedures.

4. Existing Systems

4.1 Analysis

4.1.1 EasyChair

EasyChair is a conference management system that provides a comprehensive suite of services to organize conferences of any size and complexity. It is widely used in the scientific community for tasks such as organizing research paper submissions and reviews. EasyChair offers a range of features including managing program committees, publishing proceedings, registration, and more. It has been used since 2002 and is considered the world's largest conference management system.

These are the main benefits EasyChair offers:

- User-friendly interface: EasyChair has a simple and intuitive interface that makes it easy for conference organizers and participants to use.
- Comprehensive feature set: The software offers a comprehensive set of features for managing conferences, including paper submission, review management, and scheduling.
- Customizable workflows: EasyChair allows conference organizers to customize workflows and configure the system to fit their specific needs.
- Integration with other tools: The software integrates with other tools such as plagiarism checkers and reference management software.
- Support for virtual conferences: EasyChair offers support for virtual conferences, which is increasingly important in the current climate of remote work and online events.

However, EasyChair also has some cons, most notably:

- Limited technical support: The software is generally user-friendly, but if issues arise, there is limited technical support available.
- Limited reporting options: Some users have reported that the reporting options in EasyChair are limited, which can make it difficult to track conference metrics.

4.1.2 CMT

The Conference Management Toolkit (CMT) is a conference management system for hosting academic conferences, sponsored by Microsoft Research.

These are the values CMT offers:

- Comprehensive feature set: CMT offers a comprehensive set of features for managing conferences, including paper submission, review management, scheduling, and registration management.
- Integration with Microsoft products: CMT integrates with Microsoft products such as Excel and Word, which makes it easy for users to work with the software if they are already familiar with Microsoft products.
- User-friendly interface: CMT has a simple and intuitive interface that makes it easy for conference organizers and participants to use.
- Robust reporting and analytics: CMT offers detailed reporting and analytics features, which make it easy for conference organizers to track metrics and analyze data.

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- Flexible workflow options: CMT allows conference organizers to customize workflows and configure the system to fit their specific needs.

However, CMT also has some limitations, most notably:

- Limited technical support: While technical support is available, some users have reported that it can be slow or unresponsive.

4.2 Conclusion

From the applications that are analyzed above, combined with our research of the current conference management activity taking place at FPT University, HCM Campus, we can infer the following issues relating to the adoption of a standard procedure for managing a scientific conference:

- When using an available system, limited technical support may hinder the processing and coordinating activities within a conference.
- When researching how statistical reports need to be standardized to monitor conference activities, we realized that the data collection processes of these systems are rather limited and do not fulfill the requirements for a standard procedure to manage conferences.

5. Business Opportunity

Based on the conclusion from 4.2, we realize the chance for our SRAS system to construct a scientific conference managing system within FPT University, HCM Campus that satisfies the following requirements:

- Apply a standard procedure for managing scientific conferences
- Able to aggregate information and monitor activities during conferences

6. Software Product Vision

The SRAS system is expected to be a valuable tool for managing scientific conferences when deployed at FPT University, HCM Campus. In addition, the system will become a powerful platform for researching activities in FPT University, HCM Campus, and FPT University as a whole.

In the future, the system can be expanded and augmented following these directions:

- Standardize the scientific conference management and apply it to all FPT campuses or other universities
- Incorporate scientific database to turn the system into one system for research activities at universities

7. Project Scope & Limitations

7.1 Major Features

Role	Feature code	Description
Admin	FE-01	Initialize a conference from its conference plan to ensure its authenticity
	FE-02	Create the website content for a conference
	FE-03	Download the final report of a conference
PC chair	FE-04	Get the conference summary, including overview information, program committee, participation information of submissions and reviewers
	FE-05	Adjust a conference's settings
	FE-06	Receive submissions
	FE-07	Coordinate reviews
	FE-08	Make decisions on papers
	FE-09	Communicate the result to authors

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	FE-10	Request for camera ready submission
	FE-11	Request for presentation submission
	FE-12	Produce statistical summaries
Author	FE-13	Submit a conference paper
	FE-14	Declare submission conflicts of interest
	FE-15	Track an author's submissions
	FE-16	Upload revision files for a submission if required
	FE-17	Upload a camera-ready version of a paper when it is requested by a PC chair
	FE-18	Upload presentation files for a conference paper
Reviewer	FE-19	Specify their reviewing information (quotas, subject areas) when assuming the role of reviewer for participating tracks
	FE-20	Access the list of assigned papers
	FE-21	Enter their review for an assigned submission
	FE-22	Declare conflicts of interest between a reviewer and their assigned papers.
Research lecturer	FE-23	Input research profile information
	FE-24	View the research profile
System handler	FE-25	Update conference progress over time
	FE-26	Detect conflicts of interest between submissions and reviewers

Table 3 - Major Features

7.2 Limitations & Exclusions

Limitations:

Limitations Code	Description
LI-01	The system allows exporting the list of manuscripts expected to be in the conference proceeding manuscripts, but does not support any functionalities for compiling conference proceedings.
LI-02	The system cannot extract the data about expertise from a researcher's profile to fill in reviewer's expertise field, which is later used to suggest reviewers for submission.
LI-03	The system does not support any transaction channel other than Paypal.
LI-04	The system does not include the feature to import publications based on DOI.
LI-05	The system does not include the feature to send out mass invitations to reviewers by uploading a list of reviewers to be invited.
LI-06	The system does not include the feature to add conference users to system by uploading the file of registered accounts.
LI-07	The system does not have a mobile application accessible for authors and reviewers.
LI-08	The system does not support changes on structure of activity timelines once the number of revisions is confirmed and submissions are received.

Table 4 - Limitations

Exclusions:

Exclusions Code	Description
EX-01	The system does not incorporate any plagiarism checker.
EX-02	The system does not include reviewer bidding workflow.
EX-03	The system does not support the discussion or sharing of reviews among reviewers during the review process.
EX-04	The system does not support Human Resource Management activities.
EX-05	The system does not support on-location event organization activities.
EX-06	The system does not support accounting-related functions.

Table 5 - Exclusions

II. Project Management Plan

1. Overview

1.1 Scope & Estimation

#	WBS Item	Complexity	Est. Effort (man-days)
1	Research and collect requirements		
1.1	Collecting information from customer	Complex	10
1.2	Research about conference management activities	Complex	10
1.3	Research about some existing systems related to conference management	Complex	10
1.4	Drafting the general procedure to manage conference	Complex	10
2	Set up development environment		
2.1	Set up BE project	Medium	4
2.2	Set up FE project	Medium	4
3	Initialize database		
3.1	Design database	Complex	10
3.2	Create database from the migration	Medium	4
4	Authentication and authorization		
4.1	Login	Simple	2
4.2	Logout	Simple	2
4.3	Register account	Simple	2
5	Initialize conference		
5.1	Create a conference	Medium	4
5.10	Add decision-making criteria	Simple	2
5.2	Configure conference settings	Simple	2
5.3	Add a conference user	Medium	4
5.4	Modify a conference's track list	Medium	4
5.5	Create a track plan	Complex	10
5.6	Update activity timeline	Complex	10
5.7	Configure track settings	Simple	2
5.8	Define a track's subject area list	Simple	2
5.9	Create a submission question	Simple	2
6	Set up a conference's website content		
6.1	Create a website navbar	Complex	10

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6.2	Update a web page content	Complex	10
6.3	Export a website's content	Medium	4
7	Monitor and manage conference submissions		
7.1	Call for papers	Medium	4
7.10	Suggest reviewers for a submission's reviewing activity	Complex	10
7.11	Assign reviewers for a submission	Medium	4
7.12	Get a reviewer's list of assigned papers	Medium	4
7.13	Submit a review	Medium	4
7.14	Detect review issues	Complex	10
7.15	Aggregate reviews of a submission	Medium	4
7.16	Decide on a paper	Simple	2
7.17	Send decision result notification to authors	Complex	10
7.18	Set up email templates	Medium	4
7.19	Submit a revision	Medium	4
7.2	Submit a conference paper	Complex	10
7.3	Detect submission conflicts of interest	Complex	10
7.4	Declare submission conflicts of interest	Simple	2
7.5	Submit supplementary materials	Complex	10
7.6	Aggregate conference submissions	Complex	10
7.7	Make statistical information about conference submissions	Complex	10
7.8	Desk check a submission	Medium	4
7.9	Make statistical information about conference participation	Complex	10
8	Prepare conference proceeding		
8.1	Request for camera ready submission	Medium	4
8.2	Notify authors for camera ready submission	Medium	4
8.3	Submit the camera-ready version of a submission	Simple	2
8.4	Register papers to the list of manuscripts expected to appear in a conference proceeding	Complex	10
8.5	Aggregate conference manuscripts	Complex	10
8.6	Request for presentation submission	Simple	2
8.7	Notify authors for presentation submission	Simple	2
8.8	Submit the presentation of a submission	Medium	4
9	Integrate conference management's knowledge		
9.1	Track essential activities and tasks required during any conference phase	Complex	10
10	Create research profile		
10.1	Input a lecturer's research profile information	Medium	4
10.2	View a lecturer's research profile	Simple	2
11	Compose reports		
11.1	Compose Project Introduction	Simple	2
11.2	Compose Project Management Plan	Medium	4
11.3	Compose Software Requirement Specification (SRS)	Complex	10
11.4	Compose System Design Description (SDD)	Complex	10
11.5	Compose System Implementation and Test (SIT)	Complex	10
11.6	Compose System User's Manual	Medium	4

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11.7	Compose Final Project Report	Complex	10
12 Review system			
12.1	Review database	Medium	4
12.2	Review admin interface	Simple	2
12.3	Review PC chair interface	Medium	4
12.4	Review author interface	Medium	4
12.5	Review reviewer interface	Simple	2
Total Estimated Effort (man-days)			380

– Allocated Effect: 4 (members) * 19 (weeks) * 5 (days) = 380 man-days

Table 6 - Scope and Estimation

1.2 Project Objectives

#	Testing Stage	No. of Defects	% of Defect	Notes
1	Integration test	< 25	1%	
2	System test	< 10	1%	

Table 7 - Project Objectives

1.3 Project Risks

#	Risk Description	Impact	Possibility	Response Plans
1	The requirement is not fully understood between the customer and the developer team members.	Critical	High	+ Hold discussions between the developer team and product owners to better understand the customer's requirements. + Use the product from previous sprint to gather customer's feedback and/or core concepts and plan the work accordingly.
2	Customers change requirements in terms of the business, and interface during code implementation.	Critical	Medium	+ Organize meetings to assess the influence and relevance of customer's requirements change in relation to the finished product, and let the customer choose to keep or discard the changes.
3	A certain member of the team is forced to leave the team or leave the team due to personal reasons.	Critical	Low	+ Scale down the scope of the project + Share the workload among the remaining team member to meet the deadline
4	Lack of experience or skills in coding and testing the project. Could not find the	High	High	Identify the main techniques and the difficult techniques in

	suitable technique or solution to implement a certain feature.			advance to build a reasonable study plan
5	Conflict between members when discussing and dividing work, members doing the same work.	Medium	Medium	Consult supervisor directly or through emergency meetings about resolving conflicts between members.

Table 8 - Project Risks

2. Management Approach

2.1 Project Process

The Science Research Activity Support System (SRASS) is developed using the Scrum framework of Agile methodology for collecting requirements, designing, developing, testing, deploying, and maintaining products. We decided to use this model for the following reasons:

- To implement this project, we need to collect the requirements from FPT University, Ho Chi Minh Campus's Library and Research Department and we have to discuss with the customer a lot. The possibility of changing and updating user requirements is high.
- Because this project is developed from scratch, it is difficult for everyone to understand the core concepts, general procedure, and specific requirements. As a result, we met with the mentors every week to verify our understanding and implementation of the requirements. Therefore, for this project, each sprint takes 5 days, and the length of our product backlog is 5 months.

2.2 Quality Management

To ensure our product quality, we apply some general rules:

- Using coding convention:
 - Class name, variable name, constant name, function name, and file name must be written in English correctly and meaningfully.
 - Class name, function name, variable name, and constant name of each language must be written in the right way based on the document (Pascal case, Kebab case, etc.).
 - Similar handlers should be written similarly.
 - Format code: There must be a space between the variable and the operation.
 - Comment Code: Delete unused code, do not comment out that code, comment warning consequences, comment clarify the meaning of the code (if the logic is complicated).
- Integration testing:
 - All test cases must be written in Excel with appropriate priority, important modules must be checked first.
 - Each module after modification always requires a recheck by running all test cases listed in the test suite.
- System testing:
 - Testing the system as a whole to confirm that every feature of the application functions correctly.
 - Everything tested must be within software requirements specification (SRS) and after integration testing.

2.3 Training Plan

Training Area	Participants	When, Duration	Waiver Criteria
.NET	Mai Hoàng Dương, Hoàng Thị Hoài Thương	Week 1, 7 days	Mandatory
ReactJS	Bùi Thế Hiển, Nguyễn Đặng Trường Anh	Week 1, 7 days	Mandatory
Project workflow, Git, GitHub, Azure	Everyone	Week 1, 7 days	Mandatory
3rd parties' services: PayPal, Firebase	Bùi Thế Hiển, Nguyễn Đặng Trường Anh	Week 1, 7 days	Mandatory
Business general procedure	Everyone	Week 1, 7 days	Mandatory

Table 9 - Training Plan

3. Project Deliverables

#	Sprint	Duration	Notes
1	Sprint 1	08/05/2023 - 12/05/2023	<ul style="list-style-type: none"> ◆ Collect user requirements ◆ Training ◆ Write Report 1 ◆ Plan the project
2	Sprint 2	15/05/2023 - 19/05/2023	<ul style="list-style-type: none"> ◆ Design database ◆ Design UI ◆ Set up the project base ◆ Write Report 2
3	Sprint 3	22/05/2023 - 26/05/2023	<ul style="list-style-type: none"> ◆ Implement the [Initialize planned conference] workflow <ul style="list-style-type: none"> • Create a conference • Set up conference website • Configure conference's: <ul style="list-style-type: none"> ▫ Track list ▫ Subject areas
4	Sprint 4	29/05/2023 - 02/06/2023	<ul style="list-style-type: none"> ◆ Implement the [Initialize planned conference] workflow <ul style="list-style-type: none"> • Configure conference's: <ul style="list-style-type: none"> ▫ Submission questions ▫ Submission settings ▫ Decision-making criteria
5	Sprint 5	05/06/2023 - 09/06/2023	<ul style="list-style-type: none"> ◆ Implement the [Initialize planned conference] workflow <ul style="list-style-type: none"> • Configure conference's: <ul style="list-style-type: none"> ▫ Camera-ready settings ▫ Registration settings ▫ Presentation settings ▫ Other settings
6	Sprint 6	12/06/2023 - 16/06/2023	<ul style="list-style-type: none"> ◆ Implement the [Monitor and Manage Conference Submission] coreflow <ul style="list-style-type: none"> • Submit papers

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			<ul style="list-style-type: none"> • Declare conflicts of interest
7	Sprint 7	19/06/2023 - 23/06/2023	<ul style="list-style-type: none"> ◆ Implement the [Monitor and Manage Conference Submission] coreflow <ul style="list-style-type: none"> • Assign reviewers • Review
8	Sprint 8	26/06/2023 - 30/06/2023	<ul style="list-style-type: none"> ◆ Implement the [Monitor and Manage Conference Submission] coreflow <ul style="list-style-type: none"> • Decide on papers • Notify result to authors ◆ Write Report 3
9	Sprint 9	10/07/2023 - 14/07/2023	<ul style="list-style-type: none"> ◆ Implement the [Monitor and Manage Conference Submission] coreflow <ul style="list-style-type: none"> • Preliminary access
10	Sprint 10	17/07/2023 - 21/07/2023	<ul style="list-style-type: none"> ◆ Implement the [Monitor and Manage Conference Submission] coreflow <ul style="list-style-type: none"> • Revision
11	Sprint 11	24/07/2023 - 28/08/2023	<ul style="list-style-type: none"> ◆ Implement the [Prepare conference proceeding] coreflow <ul style="list-style-type: none"> • Request for camera-ready submission • Submit camera-ready • Register papers
12	Sprint 12	31/07/2023 - 04/08/2023	<ul style="list-style-type: none"> ◆ Implement the [Prepare conference proceeding] coreflow <ul style="list-style-type: none"> • Request for presentation submission • Submit presentation
13	Sprint 13	07/08/2023 - 11/08/2023	<ul style="list-style-type: none"> ◆ Implement the [Prepare conference proceeding] coreflow <ul style="list-style-type: none"> • Produce statistical summaries and reports of a conference ◆ Write Report 4
14	Sprint 14	14/08/2023 - 18/08/2023	<ul style="list-style-type: none"> ◆ Implement the research profile feature
15	Sprint 15	21/08/2023 - 25/08/2023	<ul style="list-style-type: none"> ◆ Implement integration test ◆ Meet the customer to demo full project's core flow
16	Sprint 16	28/08/2023 - 01/09/2023	<ul style="list-style-type: none"> ◆ Implement system test ◆ Write Report 5
17	Sprint 17	04/09/2023 - 08/09/2023	<ul style="list-style-type: none"> ◆ Release ◆ Write Report 6
18	Sprint 18	11/09/2023 - 15/09/2023	<ul style="list-style-type: none"> ◆ Review all features related to projects ◆ Write Report 7
19	Sprint 19	18/09/2023 - 22/09/2023	<ul style="list-style-type: none"> ◆ Prepare for final presentation

Table 10 - Project Deliverables

4. Responsibility Assignments

4.1 Team & Structures

Role	Fullscreen
------	------------

Product Owner	Kiều Trọng Khánh
	Dr. Đặng Ngọc Minh Đức
	Đinh Trường Lâm
Scrum Master	Hoàng Thị Hoài Thương
Developer Team	Hoàng Thị Hoài Thương
	Mai Hoàng Dương
	Bùi Thế Hiển
	Nguyễn Đặng Trường Anh

Table 11 - Team and Structures

4.2 Responsibilities

D~Do; R~Review; S~Support; I~Informed; - Omitted

Sprint	Activity	T	H	U	O	N	G	H	A	N	D	T	S	M	H	S	E	D	U	O	N	G	M	H	S
Sprint 1	Collect user requirements	D		D		D		D		D		D		D		D		D		D		D		D	
	Training	D		I		I		I		I		I		I		I		I		I		I		I	
	Write Report 1	D		I		I		I		I		I		I		I		I		I		I		I	
	Plan the project	D		I		I		I		I		I		I		I		I		I		I		I	
Sprint 2	Design database	D		I		I		I		I		I		I		I		I		I		I		I	
	Design UI	I		D		D		D		D		D		D		D		D		D		D		D	
	Set up the project base	D		D		D		D		D		D		D		D		D		D		D		D	
	Write Report 2	D		S		S		S		S		S		S		S		S		S		S		S	
Sprint 3	Implement API for [Create a conference] feature	D		I		I		I		I		I		I		I		I		I		I		I	
	Implement UI for [Create a conference] feature	I		D		S		I		I		I		I		I		I		I		I		I	
	Implement API for [Set up conference website] feature	I		I		I		I		I		I		I		I		I		I		I		I	
	Implement UI for [Set up conference website] feature	I		D		S		I		I		I		I		I		I		I		I		I	
	Implement API for [Configure conference's track list] feature	D		I		I		I		I		I		I		I		I		I		I		I	
	Implement UI for [Configure conference's track list] feature	I		D		I		I		I		I		I		I		I		I		I		I	

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	Implement API for [Configure conference's subject areas] feature	D	I	I	S
	Implement UI for [Configure conference's subject areas] feature	I	D	I	I
Sprint 4	Implement API for [Configure conference's submission questions] feature	I	I	I	D
	Implement UI for [Configure conference's submission questions] feature	I	D	S	I
	Implement API for [Configure conference's submission settings] feature	D	I	I	S
	Implement UI for [Configure conference's submission settings] feature	I	D	S	I
	Implement API for [Configure conference's decision-making criteria] feature	D	I	I	I
	Implement UI for [Configure conference's decision-making criteria] feature	I	D	S	I
Sprint 5	Implement API for [Configure conference's camera-ready settings] feature	D	I	I	S
	Implement UI for [Configure conference's camera-ready settings] feature	I	D	S	I
	Implement API for [Configure conference's registration settings] feature	D	I	I	D
	Implement UI for [Configure conference's registration settings] feature	I	S	D	I
	Implement API for [Configure conference's presentation settings] feature	D	I	I	S
	Implement UI for [Configure conference's presentation settings] feature	I	S	D	I
Sprint 6	Implement API for [Submit papers] feature	D	I	I	S
	Implement UI for [Submit papers] feature	I	D	S	I
	Implement API for [Declare conflicts of interest] feature	D	I	I	S
	Implement UI for [Declare conflicts of interest] feature	I	I	D	I
Sprint 7	Implement API for [Assign reviewers] feature	D	I	I	D
	Implement UI for [Assign reviewers] feature	I	S	D	I
	Implement API for [Review] feature	D	I	I	S
	Implement UI for [Review] feature	I	S	D	I
Sprint 8	Implement API for [Decide on papers] feature	D	I	I	S
	Implement UI for [Decide on papers] feature	I	S	D	I
	Implement API for [Notify result to authors] feature	I	I	I	D
	Implement UI for [Notify result to authors] feature	I	D	D	I
	Write Report 3	D	D	D	D
Sprint 9	Implement API for [Preliminary access] feature	D	I	I	I
	Implement UI for [Preliminary access] feature	I	I	D	I
Sprint 10	Implement API for [Revision] feature	D	I	I	S
	Implement UI for [Revision] feature	I	D	S	I
Sprint 11	Implement API for [Request for camera-ready submission] feature	D	I	I	D

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	Implement UI for [Request for camera-ready submission] feature	I	D	S	I
	Implement API for [Submit camera-ready] feature	D	I	I	D
	Implement UI for [Submit camera-ready] feature	I	D	S	I
	Implement API for [Register papers] feature	D	I	I	D
	Implement UI for [Register papers] feature	I	D	I	I
Sprint 12	Implement API for [Request for presentation submission] feature	D	I	I	S
	Implement UI for [Request for presentation submission] feature	I	I	D	I
	Implement API for [Submit presentation] feature	D	I	I	S
	Implement UI for [Submit presentation] feature	I	D	I	I
Sprint 13	Implement API for [Produce statistical summaries and reports of a conference] feature	D	I	I	I
	Implement UI for [Produce statistical summaries and reports of a conference] feature	I	I	D	I
	Write report 4	D	S	D	S
Sprint 14	Implement API for [Research profile feature] feature	I	I	I	D
	Implement UI for [Research profile feature] feature	I	D	I	I
Sprint 15	- Implement integration test	I	D	D	I
	- Meet the customer to demo full project's core flow	D	D	D	D
Sprint 16	- Implement system test	S	D	D	S
	- Write Report 5	I	S	D	I
Sprint 17	- Release	S	D	D	S
	- Write Report 6	I	S	D	I
Sprint 18	- Review all features related to projects	D	D	D	D
	- Write Report 7	D	D	D	D
Sprint 19	- Prepare for final presentation	D	D	D	D

Table 12 - Responsibilities

5. Project Communications

Communication Item	Who/ Target	Purpose	When, Frequency	Type, Tool, Method(s)
Working in group	Team members	<ul style="list-style-type: none"> - Report code progress and documentation progress. - Discuss issues about requirements from customers, and technical when implementing code. - Prepare demos and questions for the next mentor and client meetings. - Division of work. 	3 days/week	Online
Mentoring and Support	Team members and supervisor	<ul style="list-style-type: none"> - Review work progress, including code and documentation. 	2 days/week	Offline

		<ul style="list-style-type: none"> - Answer questions related to requirements and techniques. - Control project deadlines, and ensure the project runs on schedule. 		
Project review	Team members and stakeholders	<ul style="list-style-type: none"> - Review work progress. 	1 day/week	Online, Offline

Table 13 - Project Communication

6. Configuration Management

6.1 Document Management

- Use Google Drive for collaboration.
- Upload diagrams, images, media,... to categorized folders for easy management.

Link: <https://drive.google.com/drive/folders/1ij4kYIUDGZqnxUn9oEAzKrtD2Hasl2m?usp=sharing>

6.2 Source Code Management

- Use GitHub.
- Front-end link: [Hien-BT01/capstone-client: SE Project Capstone \(github.com\)](https://github.com/Hien-BT01/capstone-client)
 Back-end link: [ThuongHoang456189/Sras.PublicCoreflow: Public coreflow for sras \(github.com\)](https://github.com/ThuongHoang456189/Sras.PublicCoreflow)

6.3 Meeting minutes

- Use Google Drive to store meeting minutes.

Link: <https://drive.google.com/drive/folders/1ZomGq0u7XxV0dTq65UzkGY6TgC6pdrZj?usp=sharing>

6.4 Tools & Infrastructure

Category	Tools / Infrastructure
Technology	ReactJS (Node v18.17.1, React v17.0.2), C# (.NET Core 7.0)
Database	SQL Server 2019, FireBase
IDEs/Editors	Visual Studio Code v1.82.2, Visual Studio 2022
Diagramming	StarUML, DrawIO, Lucidchart
Documentation	Microsoft Office, Google Docs/Sheets
Version Control	GitHub (Source Codes), GitKraken (Source Codes), Google Drive (Documents)
Deployment server	Azure App Service
Project management	Google Sheets

Table 14 - Tool and Infrastructure

III. Software Requirement Specification

1. Product Overview

The Science Research Activity Support System (SRASS) was designed to meet the specific requirements of the FPT University, Ho Chi Minh Campus's Library and Research Department, primarily focusing on streamlining the management of scientific conferences, with the initial deployment taking place at the HCM Campus. The context diagram below outlines the external entities and system interfaces involved. The system's objective is to facilitate conference

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management activities and effectively coordinate various aspects such as paper submission, review management, decision-making, manuscript submission, and conference progress tracking.

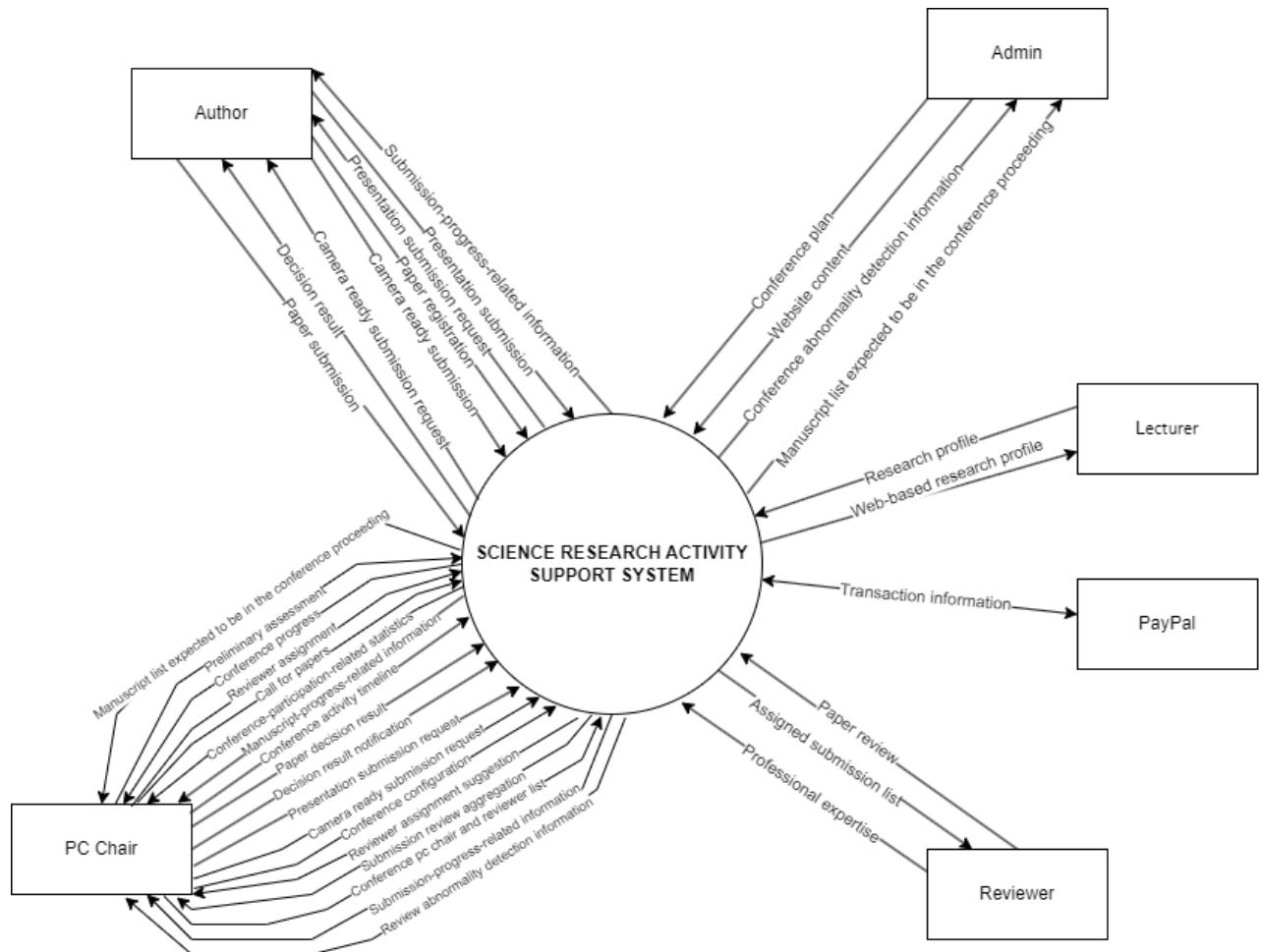


Figure 1 - Product Overview

2. User Requirements

2.1 Actors

#	Actor	Description
1	Unauthenticated user	An unauthenticated user is a person who has not logged in to the SRASS. An unauthenticated user has limited permission to some functions, only: + Sign up + Login
2	Authenticated user	An authenticated user is a person who has logged in to the SRASS. An authenticated user has permission with the following functions: + Get conference list + Get action reminder message + Logout
3	Admin	An admin is an authenticated user who has the authority to initialize a conference based on the conference plan. An admin has permission

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		<p>with the following functions:</p> <ul style="list-style-type: none"> + Initialize conference + Create a conference's website content + Export a conference website's content + Export conference reports
4	PC chair	<p>A PC chair is an authenticated user who has the authority to monitor and manage the conference from the initial phase up to the end of the conference. A PC chair has permission with the following functions:</p> <ul style="list-style-type: none"> + Acquire conference summary + Modify a conference's track list + Create a track plan + Update a track's activity timeline + Adjust conference general settings (is the PC chair is a chair) + Adjust track settings + Get list of conference users + Define a track's subject area list + Call for papers + Submit a conference paper + Aggregate list of conference submissions + Make statistical information about conference submissions + View a submission summary + Desk check a submission + Invite a reviewer + View the reviewer invitation list + Get list of recommended reviewers for a submission + Assign reviewers to submission evaluation + View aggregation reviews of a submission + Decide on paper + Set up email templates + Notify result to authors + Request for camera ready submission + View order + Aggregate list of conference manuscripts + Make statistical information about conference manuscripts + Request for presentation submission + Track essential activities and tasks + Export conference reports
5	Author	<p>An author is an authenticated user who wants or has submitted papers to a conference. An author has permission with the following functions:</p> <ul style="list-style-type: none"> + Submit a conference paper + Declare submission conflicts of interest + Submit supplementary materials + Get the list of author submissions + View a submission summary + Upload revision + Upload camera-ready + Register an author's qualified papers

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		<ul style="list-style-type: none"> + View order + Get an author's list of registered papers + Upload presentation
6	Reviewer	<p>A reviewer is an authenticated user who joins a conference as a reviewer to evaluate assigned submissions. A reviewer has permission with the following functions:</p> <ul style="list-style-type: none"> + Specifying reviewing information + Get list submission assigned to reviewer + Enter review + Declare reviewer conflicts of interest
7	Research lecturer	<p>A research lecturer is an authenticated user who has registered the email of the domain "fe.edu.vn". A research lecturer has permission with the following functions:</p> <ul style="list-style-type: none"> + Input research profile information + View the research profile
8	System handler	<p>A system handler is a system actor that performs some system's special tasks. These tasks include:</p> <ul style="list-style-type: none"> + Update automatically conference progress over time + Detect submission conflicts of interest + Detect reviewer conflicts of interest + Detect potential review issues of conferences

Table 15 - Actors

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2.2 Use Cases

2.2.1 Diagram

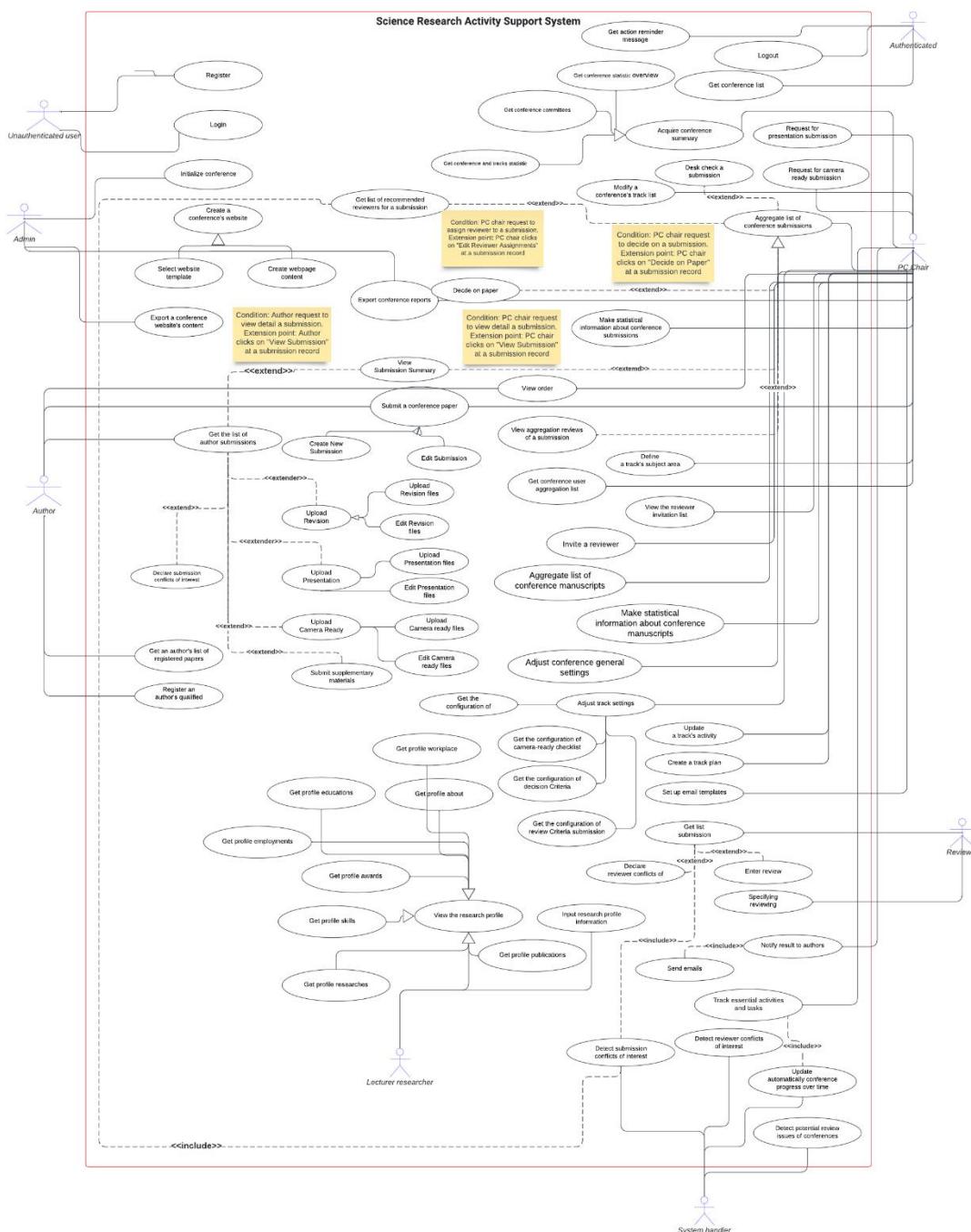


Figure 2 - Use Cases Diagram

2.2.2 Descriptions

ID	Use cases	Actors	Use case description
1	Sign up	Unauthenticated user	This use case allows an unauthenticated user to sign up for an account that is later used to log in to the system to gain access

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			to other functionality. Email confirmation is required to fulfill sign-up activity.
2	Login	Unauthenticated user	This use case allows an unauthenticated user to log in with their active account to gain access to other functionality of the system.
3	Logout	Authenticated user	This use case allows an authenticated user to log out of the system.
4	Get conference list	Authenticated user	This use case allows an authenticated user to access the list of conferences with their brief information on each conference role.
5	Initialize conference	Admin	This use case allows an admin to initialize a conference from its conference plan to ensure its authenticity
6	Create a conference's website content	Admin	This use case allows an admin to initialize a conference website content which includes the following actions: + Select a website template + Create the website navbar + Fill the website content
7	Export a conference website's content	Admin	This use case allows an admin to export the website content created from the [Create a conference's website content] use cases to ready-to-deploy HTML files
8	Export conference reports	Admin, PC chair	This use case allows: + An admin to download the final zip files, including: - The final aggregation report of the conference program committee and conference manuscripts expected to be in the conference proceeding - The files attachment of conference manuscripts expected to be in the conference proceeding + A PC chair to download zip files, including: - The aggregation report of the conference manuscripts which are expected to be in the conference proceeding - The corresponding manuscript files attachment
9	Acquire conference summary	PC chair	This use case allows a PC chair to get the conference summary, including: overview information, program committee,

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			participation information of submissions and reviewers
10	Modify a conference's track list	PC chair	This use case allows a PC chair to modify the track list of a conference: + Add a new track + Update track name + Delete a track if the track does not have any related incumbents
11	Create a track plan	PC chair	This use case allows a PC chair to define the chronological schedule of track phases. The number of revisions MUST be stipulated first.
12	Update a track's activity timeline	PC chair	This use case allows a PC chair to update deadlines in a track activity timeline: + Extend a deadline + Complete explicitly a phase
13	Adjust track settings	PC chair	This use case allows a PC chair to adjust the track-related settings, which include: + Submission instruction + Submission questions + Submission settings + Review criteria + Decision checklist + Factors affecting selection + Factors for disqualifying papers + Camera ready settings + Camera ready checklist + Presentation settings + Subject area relevance coefficients
14	Adjust conference general settings	Chair	This use case allows a chair to adjust the general settings, which include: + Registration settings + Review issue detection settings
15	Get list of conference users	PC chair	This use case allows a PC chair to: + Get statistical information about conference users + Get conference user list
16	Define a list of a track's subject areas	PC chair	This use case allows a PC chair to take the following actions to define a track's subject area list: + Add a subject area + Update a subject area + Delete a subject area if this subject area is not involved with any submissions

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17	Update automatically conference progress over time	System handler	In this use case, the system will automatically update the current phase of tracks immediately after the deadline.
18	Call for papers	PC chair	This use case allows a PC chair to import a list of emails to which he wants to send the invitation email (call for papers email) that announces an upcoming conference and invites researchers to submit their work for consideration. This use case can also be enhanced by updating the call-for-papers-related content on the conference website for publicity.
19	Submit a conference paper	Author, PC chair	This use case allows: + An author to submit papers when a conference is open for submission + A PC chair to submit conference papers on behalf of the authors when necessary
20	Detect submission conflicts of interest	System handler	In this use case, the system will automatically detect the following potential conflicts of interest between a reviewer of the conference and submissions: + Has (a) domain conflicts + Is an author/co-author
21	Declare submission conflicts of interest	Author	This use case allows an author to declare conflicts of interest between their submission and reviewers of the conference. Each conflict of interest can be one of the following cases: + Is an author/co-author + Is a relative or a friend + Is/Was a Primary Thesis Advisor at any time + Is/Was a colleague (in last 2 years) + Is/Was a collaborator (in last 2 years) + Has (a) domain conflicts
22	Submit supplementary materials	Author	This use case allows an author to submit supplementary materials for their submission.
23	Aggregate list of conference submissions	PC chair	This use case allows a PC chair to access the list of submissions aggregated with the following information: - Basic information (title, abstract, authors, subject areas) - Track - Number of conflicts of interest (submission conflicts of interest, reviewer

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			<p>conflicts of interest)</p> <ul style="list-style-type: none"> - Reviewer assignments - Reviewing progress - Review average score - Status and notified status - Request for camera-ready submission
24	Make statistical information about conference submissions	PC Chair	<p>This use case allows a PC chair to access the following statistical information on paper-submission-related activities:</p> <ul style="list-style-type: none"> + Overview: <ul style="list-style-type: none"> - Total number of submissions + Review: number of <ul style="list-style-type: none"> - Papers - Papers assigned to reviewers - Papers not assigned to reviewers - Review paper complete - Review paper incomplete + Statuses: number of <ul style="list-style-type: none"> - Papers awaiting decision - Desk rejected papers - Accepted papers - Revision papers - Rejected papers + Notified statuses: number of <ul style="list-style-type: none"> - Paper awaiting decision - Desk rejected papers - Accepted papers - Revision papers - Rejected papers + Revision: number of <ul style="list-style-type: none"> - papers with submitted revisions - papers without revisions + Camera ready: <ul style="list-style-type: none"> - Number of requested camera-ready submission papers
25	Get the list of an author's submissions	Author	<p>This use case allows an author to access the list of their submissions with the following information:</p> <ul style="list-style-type: none"> - Basic information (title, abstract, authors, subject areas) - Track - Submitted files - Notified status - Action(s) needed to be done and the deadline for the action(s)
26	View a submission summary	Author, PC chair	<p>This use case allows an author or PC chair to view a submission summary that summarizes the following information:</p> <ul style="list-style-type: none"> + Conference and track that the

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			<p>conference paper submitted to</p> <ul style="list-style-type: none"> + Submission's basic information (ID, title, abstract, creation time, authors, subject areas) + Submission's conflicts of interest + Supplementary materials + Last revision files + Camera-ready and copyright files + Presentation files + Submission questions response
27	Desk check a submission	PC chair	This use case allows a PC chair to perform the initial evaluation in terms of suitability, compliance, plagiarism, and other basic requirements before the formal review for each submission
28	Invite a reviewer	PC chair	This use case allows a PC chair to invite a reviewer for a track via email.
29	View the list of invited reviewers	PC chair	This use case allows a PC chair to access the list of invited reviewers
30	Specifying reviewing information	Reviewer	This use case allows a reviewer to specify their reviewing information (quotas, subject areas) when assuming the role of reviewer for participating tracks
31	Get list of recommended reviewers for a submission	PC chair	This use case allows a PC chair to access the list of arranged reviewer list in descending order of recommendation level. The basic idea for the arrangement follows the algorithm specified at [ALG-02].
32	Assign reviewers to submission evaluation	PC chair	This use case allows a PC chair to assign reviewers to the evaluation of submissions based on review criteria that are predefined by PC chairs.
33	Retrieve the list of submissions assigned to a reviewer	Reviewer	This use case allows a reviewer to access the list of assigned papers, along with the following information: <ul style="list-style-type: none"> - Basic information (title, abstract, authors, subject areas) - Track - Submission files and attachments - Action(s) needed to be done and the deadline for the action(s)
34	Enter review	Reviewer	This use case allows a reviewer to enter their review for an assigned submission. The following information is included in a review:

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			<ul style="list-style-type: none"> + Evaluation score based on review criteria + Suggestion for chair + Comment to authors
35	Detect reviewer conflicts of interest	System handler	<p>In this use case, the system will automatically detect the following potential cases of conflicts of interest between a reviewer of the conference and submissions:</p> <ul style="list-style-type: none"> + Has (a) domain conflicts + Is an author/co-author
36	Declare reviewer conflicts of interest	Reviewer	<p>This use case allows a reviewer to declare conflicts of interest between the reviewer and their assigned papers. Each conflict of interest can be in one of the following cases:</p> <ul style="list-style-type: none"> + Is an author/co-author + Is a relative or a friend + Is/Was a Primary Thesis Advisor at any time + Is/Was a colleague (in last 2 years) + Is/Was a collaborator (in last 2 years) + Has (a) domain conflicts
37	Detect potential review issues of conferences	System handler	<p>In this use case, the system will automatically detect potential review issues of ongoing conferences based on the algorithm specified at [ALG-03].</p>
38	View aggregation reviews of a submission	PC chair	<p>This use case allows a PC chair to view all submitted reviews from assigned reviewers. This use case is required to take action before the [Decide on paper] use case takes action.</p>
39	Decide on paper	PC chair	<p>This use case allows a PC chair to decide on one of the following paper statuses for each paper:</p> <ul style="list-style-type: none"> + Accept + Reject + Revision
40	Set up email templates	PC chair	<p>This use case allows a PC chair to set up email templates to:</p> <ul style="list-style-type: none"> + Call for papers + Notify results to authors
41	Notify results to authors	PC chair	<p>This use case allows a PC chair to notify the decision result for each submission to its author(s) via email. This action also</p>

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			updates the notified status of the submission.
42	Upload revision	Author	This use case allows an author to upload revision files for a submission.
43	Request for camera ready submission	PC chair	This use case allows a PC chair to request for camera-ready submission for qualified conference papers
44	Upload camera ready	Author	This use case allows an author to upload a camera-ready version of a paper when it is requested by a PC chair. The copyright file also needs to be attached when taking this action.
45	Register an author's qualified papers	Author	This use case allows an author to register their already-camera-ready-submitted papers to the list of manuscripts expected to be in a conference proceeding
46	View order	Author, PC chair	This use case allows an author or a PC chair to view the order of papers registration's payment.
47	Get an author's list of registered papers	Author	This use case allows an author to access the list of their successfully registered papers.
48	Aggregate list of conference manuscripts	PC chair	This use case allows a PC chair to access the list of conference manuscripts aggregated with the following information: + Basic information (title, abstract, authors, subject areas) + Track + Camera-ready submission status + Registration status + Presentation submission status
49	Make statistical information about conference manuscripts	PC chair	This use case allows a PC chair to access the following statistical information on conference-manuscripts-related activities: + Camera ready: number of - Camera-ready requested papers - Camera-ready submitted - Camera-ready not yet submitted + Revision: number of - Registered papers - Unregistered papers + Presentation: number of - Presentation requested papers - Presentation submitted - Presentation not yet submitted

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50	Request for presentation submission	PC chair	This use case allows a PC chair to request for presentation submission for qualified conference papers
51	Upload presentation	Author	This use case allows an author to upload presentation files for a conference paper. Specifying presenter(s) is also required when taking this action.
52	Get action reminder message	Authenticated user	This use case allows an authenticated user to get an action reminder message, which suggests the necessary actions to be taken.
53	Track essential activities and tasks	PC chair	This use case allows a PC chair to utilize the "Light bulb" feature to keep track of the activities and tasks required during any conference phase. This feature presents to a PC chair the following information: + The current phase of the conference + The upcoming phase + A list of minimal tasks to be completed during that phase + Links to tasks completed in previous phases
54	Input research profile information	Research lecturer	This use case allows a research lecturer to input the following information about a research profile: + Basic overview information + Workplace + Education + Employment + Scholarships + Awards + Skills + Researchers + Publications
55	View the research profile	Research lecturer	This use case allows a research lecturer to access the research profile they created from the [Input research profile information] use case. The profile is expected to include the following information: + Basic overview information + Workplace + Education + Employment + Scholarships + Awards + Skills

			+ Researchers + Publications
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Table 16 - Use Cases Description

3. Functional Requirements

3.1 System Functional Overview

3.1.1 Screens Flow

3.1.1.1 Screens Flow – PC Chair

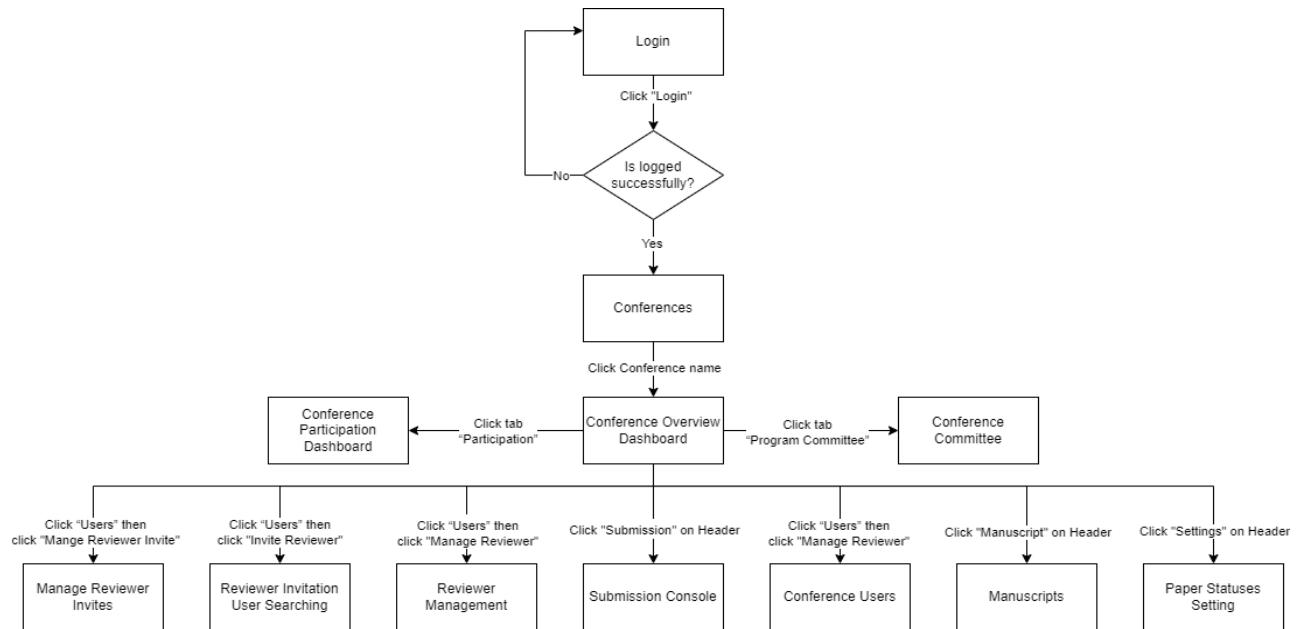


Figure 3 - Screenflow - PC Chair

3.1.1.1.1 Reviewer Invitation User Searching

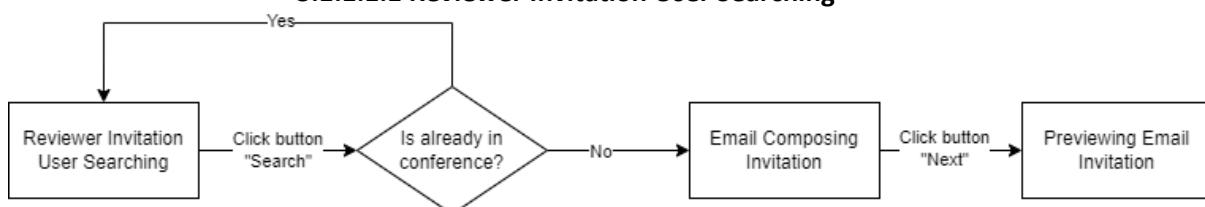


Figure 4 - Screenflow - PC Chair - Reviewer Invitation User Searching

3.1.1.1.2 Reviewer Management

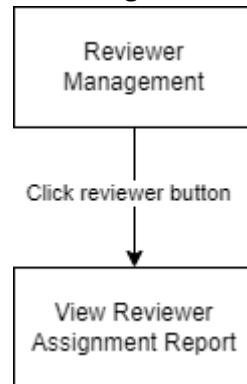


Figure 5 - Screenflow - PC Chair - Reviewer Management

3.1.1.1.3 Submission Console

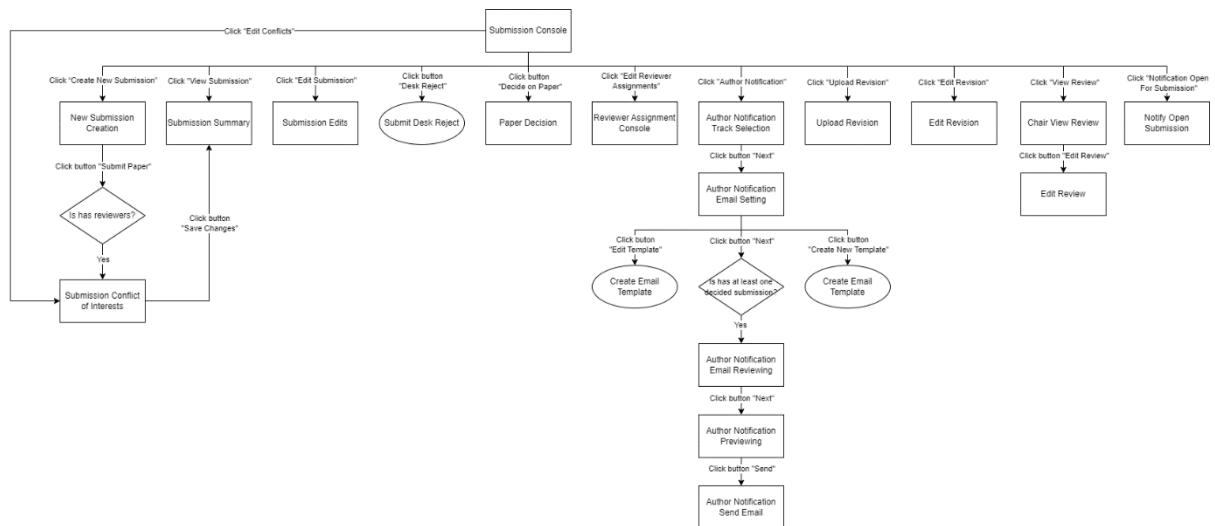


Figure 6 - Screenflow - PC Chair - Submission Console

3.1.1.1.4 Conference Users

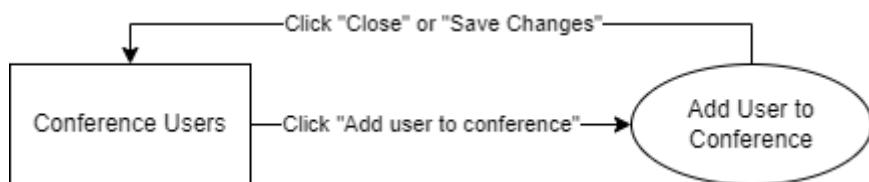


Figure 7 - Screenflow - PC Chair - Conference Users

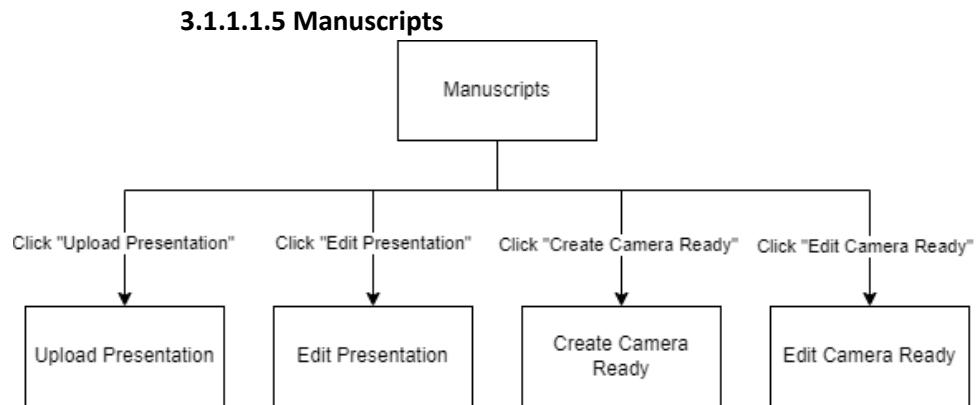


Figure 8 - Screenflow - PC Chair - Manuscripts

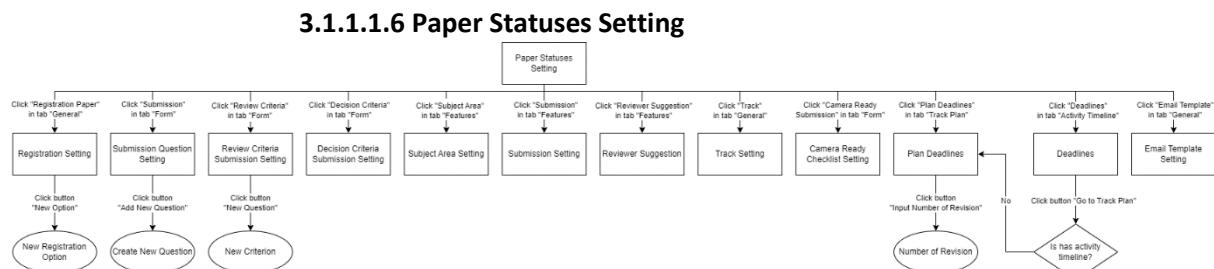


Figure 9 - Screenflow - PC Chair - Paper Statuses Setting

3.1.1.2 Screens Flow – Author

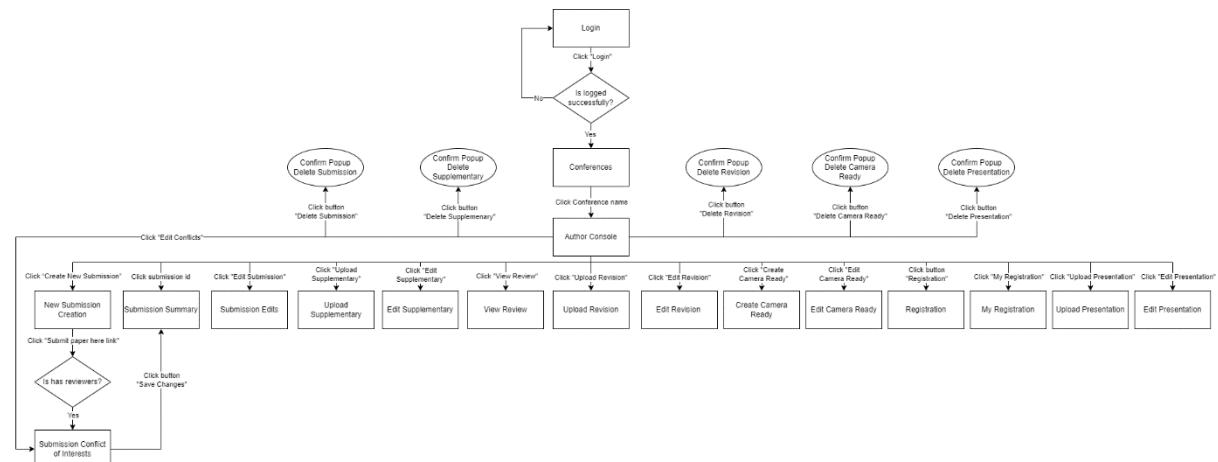


Figure 10 - Screenflow - Author

3.1.1.2.1 Registration

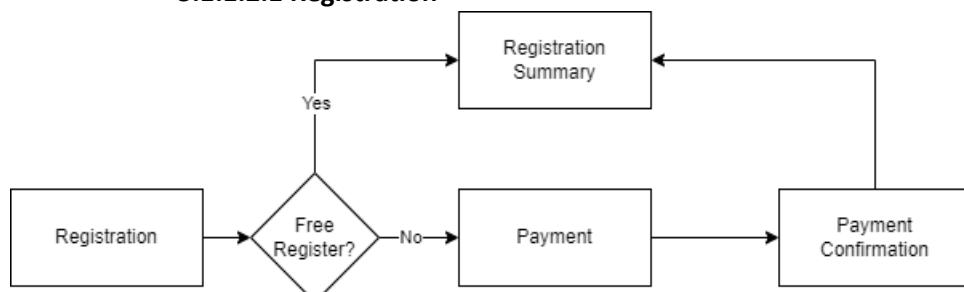


Figure 11 - Screenflow - Author - Registration

3.1.1.3 Screens Flow – Reviewer

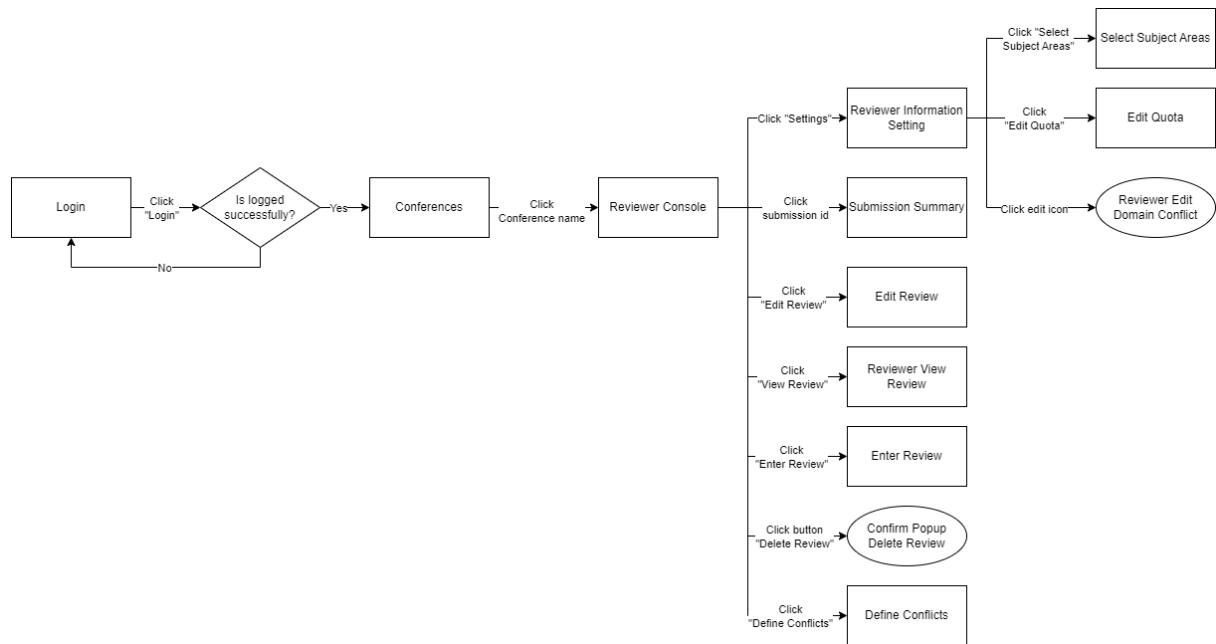


Figure 12 - Screenflow - Reviewer

3.1.1.4 Screens Flow – Admin

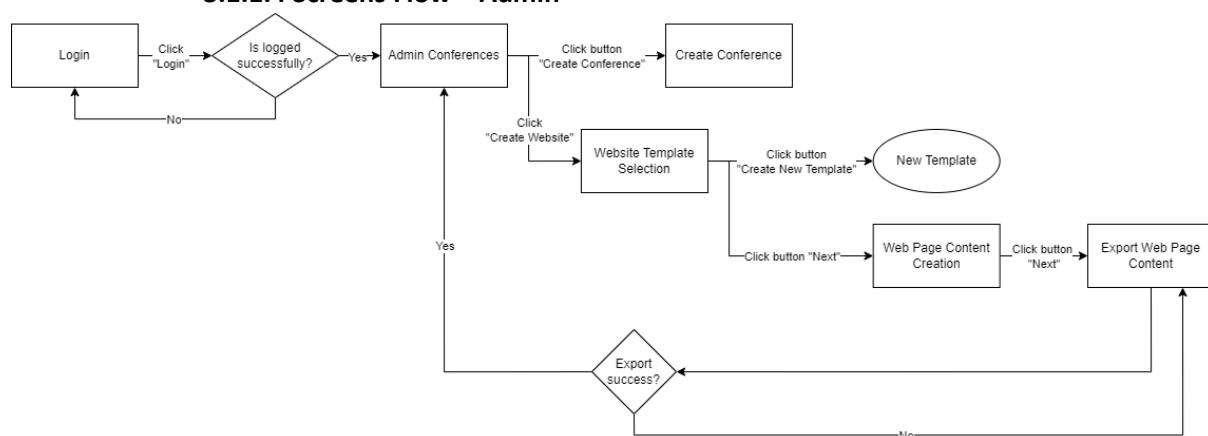


Figure 13 - Screenflow - Admin

3.1.1.5 Screens Flow – Lecturer

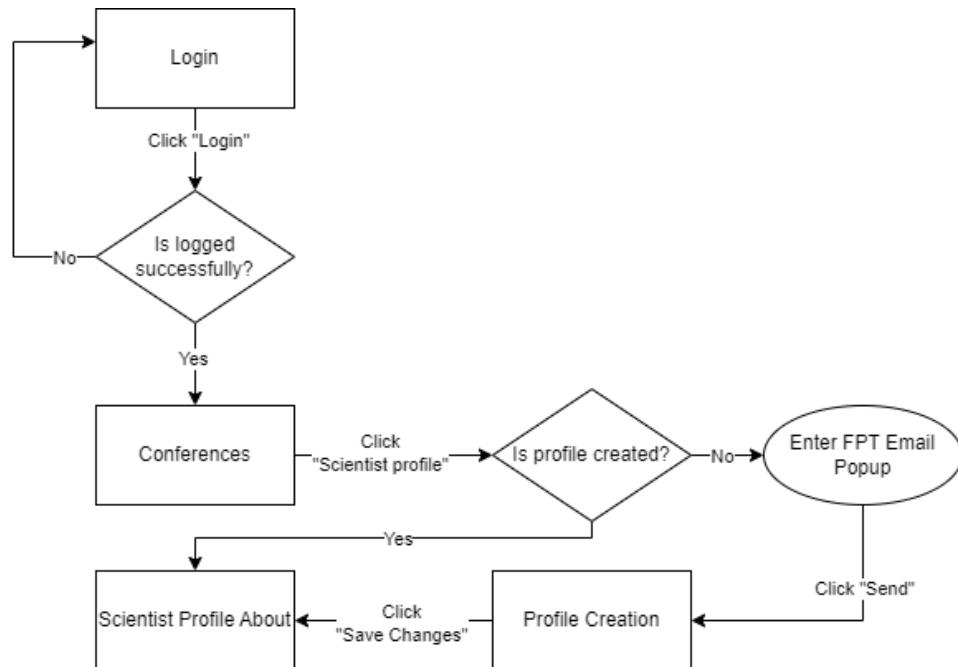
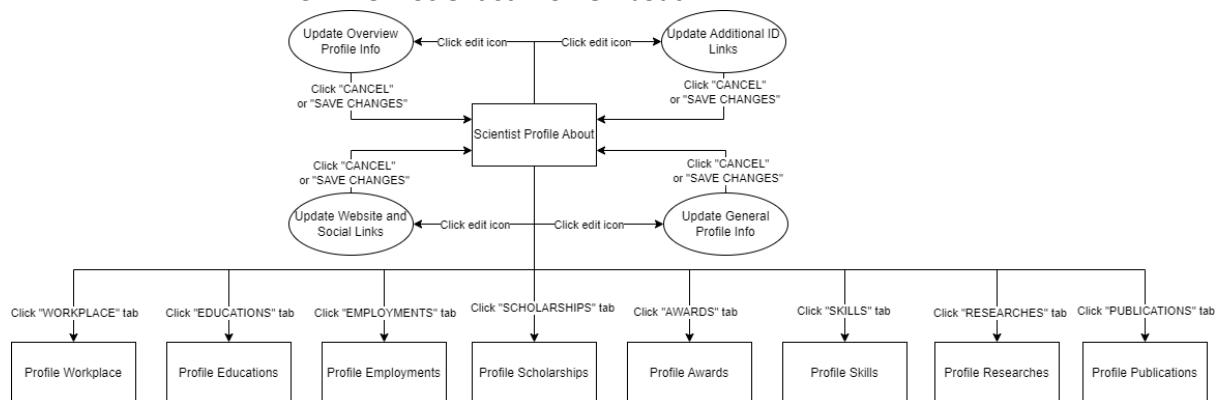
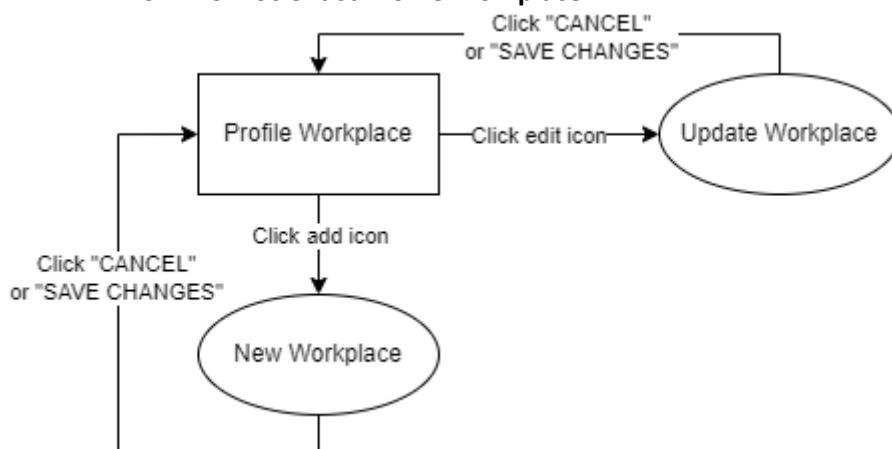


Figure 14 - Screenflow - Lecturer

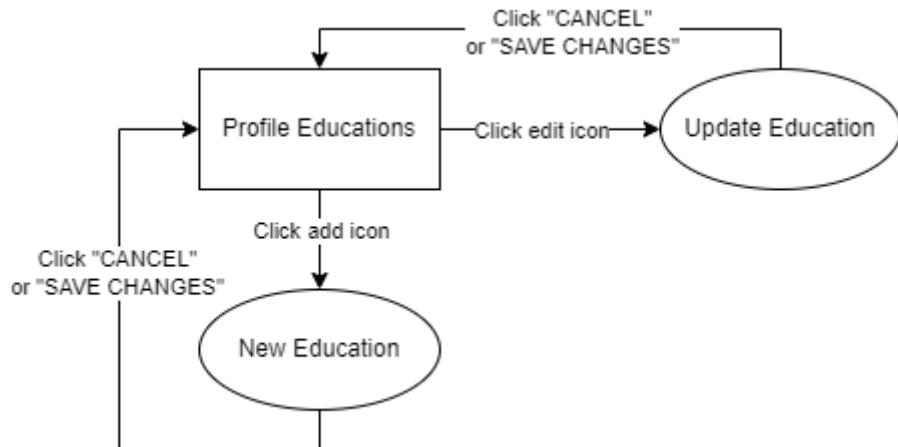
3.1.1.5.1 Scientist Profile About



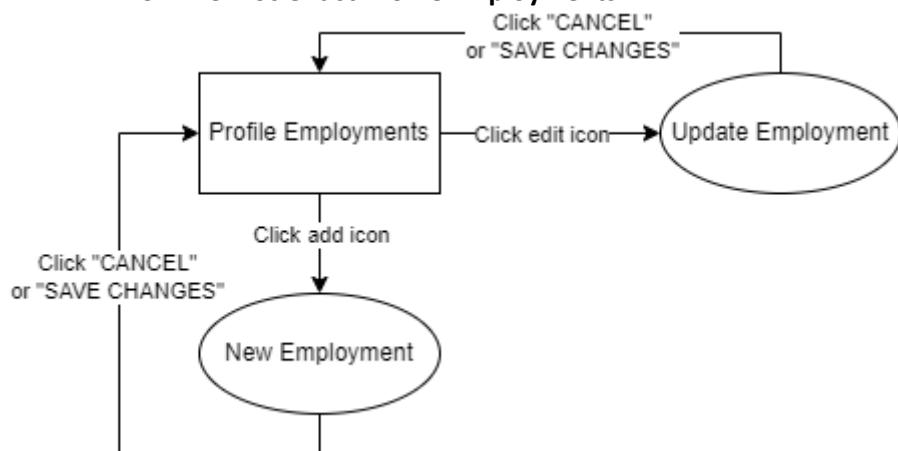
3.1.1.5.2 Scientist Profile Workplace



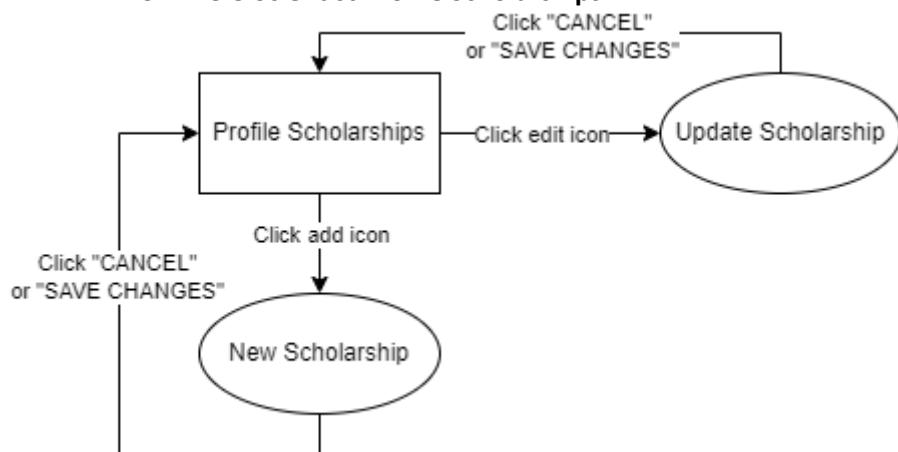
3.1.1.5.3 Scientist Profile Educations



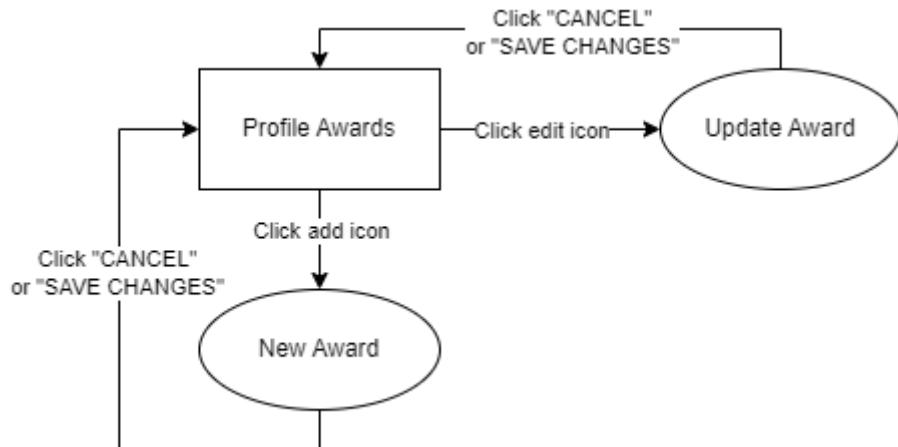
3.1.1.5.4 Scientist Profile Employments



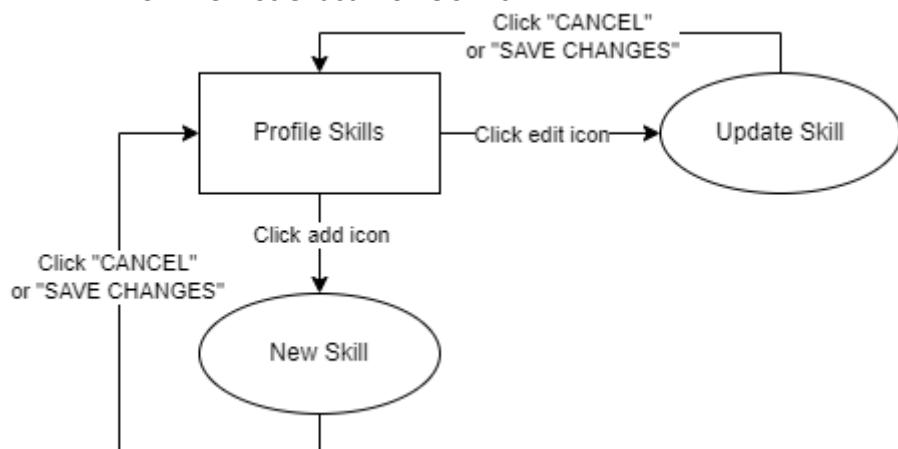
3.1.1.5.5 Scientist Profile Scholarships



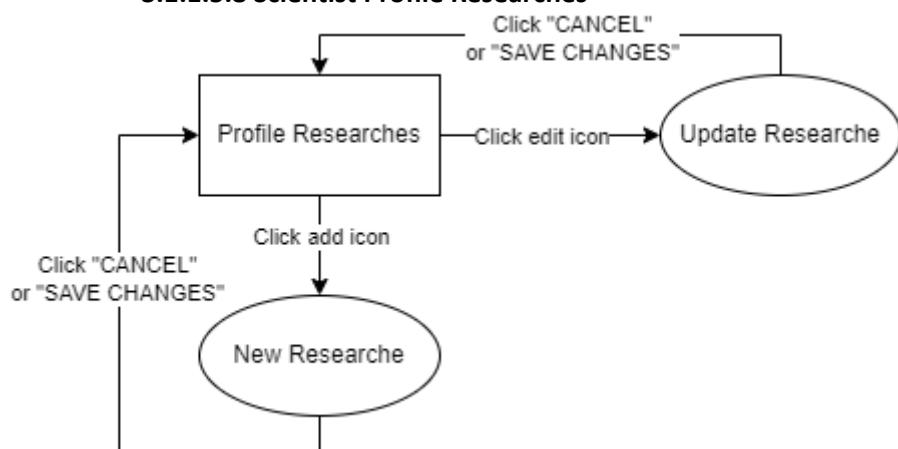
3.1.1.5.6 Scientist Profile Awards



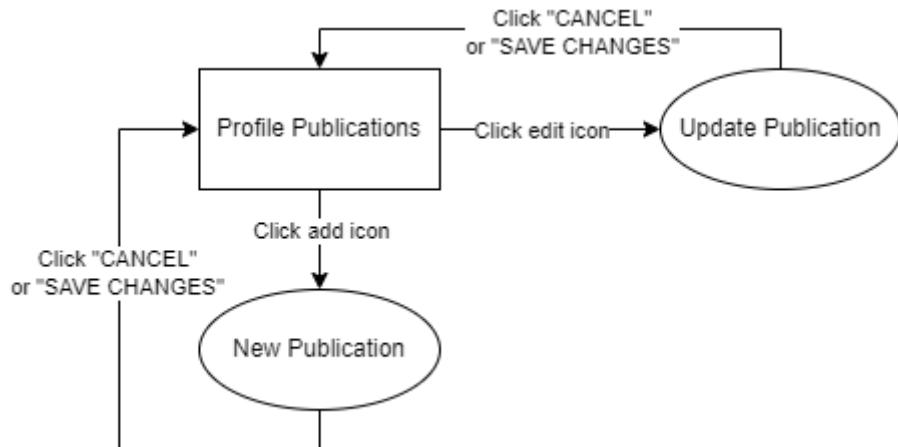
3.1.1.5.7 Scientist Profile Skills



3.1.1.5.8 Scientist Profile Researches



3.1.1.5.9 Scientist Profile Publications



3.1.2 Screen Descriptions

#	Feature	Screen	Description
1	Login	Login	This screen is for unauthenticated users to login. Login screen include: <ul style="list-style-type: none"> Email: Text Password: Text
2	Register	Register	This screen allows users to register into the system with the role “User”. Required fields are: <ul style="list-style-type: none"> Email: Text Password: Text Confirmed password: Text First name: Text Middle name: Text Last name: Text Organization: Text Country: Text
3	Acquire conference summary	List Conference/Conferences	List Conference or Conferences Page show list of conference Each conference item includes: <ul style="list-style-type: none"> Name: Text Start date: Datetime End date: Datetime Location: Text Website link: Text Submittable tracks Status: Text List Conference divided into three sections: <ul style="list-style-type: none"> My Conferences All Conferences Open For Submission
4	Acquire conference summary	Conference Overview Dashboard	This screen allows PC Chair view number of subject areas, conference website link, number of tracks and conference information. This screen includes:

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			<ul style="list-style-type: none"> • Conference logo: Image • Conference name: Text • Conference short name: Text • City: Text • Country: Text • Start date: Datetime • End date: Datetime • Current phase: Text • Website link: Text • Subject areas: List subject areas • Tracks: List Tracks
5	Acquire conference summary	Conference Committee	<p>This screen allows PC Chair view list of committees within conference. Each item includes:</p> <ul style="list-style-type: none"> • Index: Number • Full name: Text • Email: Text • Organization: Text • Country: Text • Position: Text
6	Acquire conference summary	Conference Participation Dashboard	<p>This screen shows an overview of the figures of conference, and statistics for each track within the conference.</p> <p>- Overview Figures:</p> <ul style="list-style-type: none"> • Conference users: Number • Authors: Number • Submissions: Number • Reviewers: Number <p>- Track Statistic:</p> <ul style="list-style-type: none"> • Authors: Number • Submissions: Number • Reviewers: Number • Submission primary subject areas: List <ul style="list-style-type: none"> ◦ Subject area name: Text ◦ Percent: Number ◦ Number of submission: Number • Reviewer primary subject areas: List <ul style="list-style-type: none"> ◦ Subject area name: Text ◦ Percent: Number ◦ Number of submission: Number • Paper Statuses: List <ul style="list-style-type: none"> ◦ Status name: Text ◦ Percent: Number ◦ Number of submission: Number • Average reviewer assignment: Number • Average number of reviews: Number

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7	Aggregate list of conference submissions	Submission Console	<p>Submission Console Page show general conference information and list of submission</p> <p>General conference information includes:</p> <ul style="list-style-type: none"> • Conference full name: Text • Conference short name: Text • Actions: <ul style="list-style-type: none"> ○ Create New Submission: Button ○ Camera Ready Bulk Enabled: Button ○ Camera Ready Bulk Disabled: Button ○ Notification Open for Submission: Button ○ Author Notification: Button <p>At the top list submission includes submission statistic</p> <ul style="list-style-type: none"> • Number of submissions: Number • Paper with Revision Submitted: Number • Paper With Revision Not Submitted: Number • Camera Ready Requested: Number • Reviewed papers: Number • Reviewers assigned: Number • Papers Assigned Reviewers: Number • Papers not Assigned Reviewers: Number • Review Paper Complete: Number • Review Paper Incomplete: Number • Accepted Notified Papers: Number • Notified Statuses First Attempt: Number • Notified Statuses After Revision: Number • Rejected Notified Papers: Number • Revision Notified Papers: Number • Desk Rejected Notified Papers: Number • Awaiting decision: Number • Accepted submission: Number • Rejected submission: Number • Revision submission: Number • Desk reject submission: Number <p>Each Submission item includes:</p> <ul style="list-style-type: none"> • Paper: Text • Abstract: Text • Tract: Text • Authors: List Authors • PC Chair note: Button • Reviewer conflicts: List Reviewer Conflicts • Submission conflicts: List Submission Conflicts • Assigned: List Assigns • Progress: Percentage • Average score: Number • Status: <ul style="list-style-type: none"> ○ Name: Text ○ Decide on Paper: Button ○ Desk Reject: Button • Notified Status: Text • Revision submitted: Boolean
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			<ul style="list-style-type: none"> • Request for camera ready: <ul style="list-style-type: none"> ○ Name: Text ○ Request: Dropdown Menu • Camera ready submitted completely: Boolean • Actions: <ul style="list-style-type: none"> ○ View Submission: Button ○ Edit Submission: Button ○ Edit Conflicts: Button ○ Edit Reviewer Assignments: Button ○ Upload Supplementary Material: Button ○ Upload Revision Files: Button ○ Edit Revision Files: Button ○ Upload Presentation Files: Button ○ Edit Presentation Files: Button ○ Create Camera Ready Submission: Button ○ Edit Camera Ready Submission: Button ○ Delete Camera Ready Submission: Button
8	Get list of recommended reviewers for a submission	Reviewer Assignment Console	<p>This screen shows general submission information of and list of reviewers.</p> <p>General submission information includes:</p> <ul style="list-style-type: none"> • Track name: Text • Paper Id: Text • Paper title: Text <p>Domain Conflict Included: Boolean</p> <p>List of reviewer show reviewers to be assigned to submission.</p> <ul style="list-style-type: none"> • Reviewer: <ul style="list-style-type: none"> ○ Full name: Text ○ Email: Text ○ Organization: Text • Reviewer conflicts: List • Submission conflicts: List • Quota: Number • Number of assignments: Number • Relevance: Number • Assign: Checkbox Button <p>At The end of Page has two actions:</p> <ul style="list-style-type: none"> • Go Back: Button • Assign: Button
9	Decide on paper	Paper Decision	<p>This screen shows two types of criteria for PC Chairs to decide based on these criteria. But before deciding on paper, PC Chair must tick all checkbox to make a commitment before deciding.</p> <p>General submission information includes:</p> <ul style="list-style-type: none"> • Track name: Text • Paper Id: Text

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			<ul style="list-style-type: none"> • Paper title: Text <p>There are two sections:</p> <ul style="list-style-type: none"> • Reviews: <ul style="list-style-type: none"> ○ List of reviewers' reviews: List ○ Go Back: button ○ Go to Decision: button • Decision <ul style="list-style-type: none"> • Factors Affection Selection: Text • Factors Disqualifying A Research Paper: Text • Checklist: List Checklist • Paper statuses: List Paper Statuses • Go Back: Button • Submit Decision: Button
10	Submit a conference paper	Submission Edits	<p>This screen allows PC Chair or Author to edit submission.</p> <p>This screen includes:</p> <ul style="list-style-type: none"> • Track name: Text • Title: Text • Abstract: Text • Authors: List authors <ul style="list-style-type: none"> ○ First author: Boolean ○ Corresponding: Boolean ○ Primary contact: Boolean ○ Email: Text ○ First name: Text ○ Middle name: Text ○ Last name: Text ○ Organization: Text ○ Country • Domain conflict: Text • Subject areas: List subject areas • Submission files: Files • Additional questions: List question <p>At the end of page, there are two actions:</p> <ul style="list-style-type: none"> • Go Back: Button • Save Changes: Button
11	Submit a conference paper	New Submission Creation	<p>This screen allows PC Chair or Author to create new submission. This screen includes:</p> <ul style="list-style-type: none"> • Track name: Text • Title: Text • Abstract: Text • Authors: List authors <ul style="list-style-type: none"> ○ First author: Boolean ○ Corresponding: Boolean ○ Primary contact: Boolean ○ Email: Text ○ First name: Text

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			<ul style="list-style-type: none"> ○ Middle name: Text ○ Last name: Text ○ Organization: Text ○ Country ● Domain conflict: Text ● Subject areas: List subject areas ● Submission files: Files ● Additional questions: List question <p>At the end of page, there are two actions:</p> <ul style="list-style-type: none"> ● Go Back: Button ● Save Changes: Button
12	View a submission summary	Submission Summary	<p>This screen includes information about submission:</p> <ul style="list-style-type: none"> ● Conference full name: Text ● Conference short name: Text ● Track name: Text ● Paper id: Text ● Paper title: Text ● Abstract: Text ● Created on: Datetime ● Last modified: Datetime ● Authors: List Authors ● Primary subject area: Text ● Secondary subject area: List subject areas ● Domain conflicts: Text ● Conflicts of interest: List Conflicts of interest ● Submission files: Files ● Supplementary materials: Files ● Revision files: Files ● Camera ready files: Files ● Copyright file: File ● Presentation files: Files ● Submission questions response: List submission questions <p>At The end of Page has action:</p> <ul style="list-style-type: none"> ● Go Back: Button
13	Get submission conflict of interest	Submission Conflict of Interests	<p>This screen allows PC Chair to edit submission conflict of interest with Reviewers. This screen includes:</p> <p>Conference general information:</p> <ul style="list-style-type: none"> ● Paper id: Text ● Paper title: Text ● Track name: Text <p>List reviewers:</p> <ul style="list-style-type: none"> ● Full name: Text ● Email: Text ● Organization: Text ● Selected conflicts: Boolean

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			<ul style="list-style-type: none"> • Conflicts: List conflicts • Actions: List checkbox <p>At the end of page, there are two actions:</p> <ul style="list-style-type: none"> • Go Back: Button • Save Changes: Button
14	Select track to get the information of submissions status	Author Notification Track Selection	<p>This screen allows PC Chair to choose track to base on the number of submissions to notify paper status to authors. This screen contains list of tracks. Each item includes:</p> <ul style="list-style-type: none"> • Select: Boolean • Track: Text • Number of Submissions: Number <p>At the end of page, there are three actions:</p> <ul style="list-style-type: none"> • Cancel: Button • Previous: Button • Next: Button
15	Select paper status	Author Notification Email Setting	<p>This screen allows PC Chair to select the option that should notify the decision to only primary author or all authors belong to each submission. PC Chair also has to select the status corresponding with proper email template to notify decision and send email to author.</p> <p>There are two options for char to Choose:</p> <ul style="list-style-type: none"> • Primary Contact Authors Only • All Authors with Registered Account <p>Template with two actions:</p> <ul style="list-style-type: none"> • Create New Template: Button • Edit Template: Button <p>There is a list of paper statuses. PC Chair has to choose status to notify. Each item includes</p> <ul style="list-style-type: none"> • Selection: Checkbox button • Paper Status: Text • Email Template: Dropdown Menu <p>PC Chair can create a new template or edit the existed At the end of page, there are three actions:</p> <ul style="list-style-type: none"> • Cancel: Button • Previous: Button • Next: Button
16	Make statistical information about conference submissions	Author Notification Email Reviewing	<p>This screen allows PC Chair review statistic of submission after selecting paper status step. This screen contains a list of information. Each item includes:</p> <ul style="list-style-type: none"> • Paper Status: Text • Number Of Submissions: Number • Number Of Emails to Send: Number <p>At the end of page, there are three actions:</p>

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			<ul style="list-style-type: none"> • Cancel: Button • Previous: Button • Next: Button
17	Get list of authors to send email corresponding selected paper status	Author Notification Previewing	<p>This screen allows PC Chair to preview list of authors to send emails corresponding with specific paper status. Each item includes:</p> <ul style="list-style-type: none"> • From Name: Text • From Email: Text • To Name: Text • To Email: Text • Subject: Text • Body: Text • Actions: <ul style="list-style-type: none"> ○ View Email Details: Button <p>At the end of page, there are three actions:</p> <ul style="list-style-type: none"> • Cancel: Button • Previous: Button • Next: Button
18	Send emails to authors	Author Notification Send Email	This screen allows PC Chair to view which selected paper statuses has been sent to authors.
19	Upload revision	Upload Revision	<p>This screen allows PC Chair or Author to upload revision for submission. This screen includes:</p> <ul style="list-style-type: none"> • Paper Id: Text • Paper title: Text • Track name: Text • Revision files: Files <p>At the end of page, there are two actions:</p> <ul style="list-style-type: none"> • Go Back: Button • Upload Revision: Button
20	Upload revision	Edit Revision	<p>This screen allows PC Chair or Author to edit revision for submission. This screen includes:</p> <ul style="list-style-type: none"> • Paper Id: Text • Paper title: Text • Track name: Text • Revision files: Files <p>At the end of page, there are two actions:</p> <ul style="list-style-type: none"> • Go Back: Button • Edit Revision: Button
21	Upload presentation	Upload Presentation	This screen allows PC Chair or Author to upload presentation for submission. This screen includes:

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			<ul style="list-style-type: none"> • Check presenters: List presenters • Presentation files: Files <p>At the end of page, there are two actions:</p> <ul style="list-style-type: none"> • Go Back: Button • Upload Presentation: Button
22	Upload presentation	Edit Presentation	<p>This screen allows PC Chair or Author to edit presentation for submission. This screen includes:</p> <ul style="list-style-type: none"> • Paper Id: Text • Paper title: Text • Track name: Text • Check presenters: List presenters • Presentation files: Files <p>At the end of page, there are two actions:</p> <ul style="list-style-type: none"> • Go Back: Button • Edit Presentation: Button
23	Upload camera ready	Create Camera Ready	<p>This screen allows PC Chair or Author to create camera ready for submission. This screen includes:</p> <ul style="list-style-type: none"> • Paper title: Text • Abstract: Text • Authors: List Authors • Checklist: List Checklist • Camera ready files: Files • Copyright files: Files <p>At the end of page, there are two actions:</p> <ul style="list-style-type: none"> • Go Back: Button • Submit Camera Ready: Button
24	Upload camera ready	Edit Camera Ready	<p>This screen allows PC Chair or Author to edit camera ready for submission. This screen includes:</p> <ul style="list-style-type: none"> • Paper title: Text • Abstract: Text • Authors: List Authors • Checklist: List Checklist • Camera ready files: Files • Copyright files: Files <p>At the end of page, there are two actions:</p> <ul style="list-style-type: none"> • Go Back: Button • Edit Camera Ready: Button
25	View aggregation reviews of a submission	PC Chair View Review	<p>This screen allows PC Chair to view list reviewers review. This screen includes:</p> <p>General information:</p> <ul style="list-style-type: none"> • Paper Id: Text • Paper title: Text • Track name: Text

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			<p>List reviewers review:</p> <ul style="list-style-type: none"> • Reviewer full name: Text • Research paper review criteria: List criteria • Average evaluation score: Number • Suggestion for PC Chair: Text • Comments for authors: Text <p>At The end of Page has action:</p> <ul style="list-style-type: none"> • Go Back: Button
26	Edit review	Edit Review	<p>This screen allows PC Chair or Reviewer to edit submission review. This screen includes:</p> <p>General information:</p> <ul style="list-style-type: none"> • Paper Id: Text • Paper title: Text <p>List reviewers review:</p> <ul style="list-style-type: none"> • Reviewer full name: Text • Research paper review criteria: List criteria • Average evaluation score: Number • Suggestion for PC Chair: Text • Comments for authors: Text <p>At the end of page, there is two actions:</p> <ul style="list-style-type: none"> • Go Back: Button • Save Changes: Button
27	Get conference user aggregation list	Conference Users	<p>Conference Users page allows PC Chair to manage users. This screen shows general conference information and list of users</p> <p>General conference information includes:</p> <ul style="list-style-type: none"> • Conference full name: Text • Conference short name: Text • Current phase: Text • Next phase: Text • Actions: <ul style="list-style-type: none"> ○ Add user to conference ○ Invite reviewer • Statistic of number users belong to the conference. <p>At the top of list of users, it shows the total of users. Each user includes:</p> <ul style="list-style-type: none"> • Full Name: Text • Email: Text • Organization: Text • Country: Text • Roles: List of roles • Actions: <ul style="list-style-type: none"> ○ Mange Roles

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28	Get list reviewers	Reviewer Management	<p>This screen allows PC Chair view reviewers in conference. General conference information:</p> <ul style="list-style-type: none"> • Conference full name: Text • Conference short name: text • Actions: <ul style="list-style-type: none"> ○ Invite Reviewer <p>List statics by track:</p> <ul style="list-style-type: none"> • Track name: Text • Number of reviewers: Number • Number of reviewers assigned: Number • Number of reviewers not assigned: Number • Number of reviewers reviewed all: Number • Number of reviewers not review any: Number • Number of reviewers reviewed partly: Number <p>Each reviewer item includes:</p> <ul style="list-style-type: none"> • Index: Number • ID: Text • Reviewer: <ul style="list-style-type: none"> ○ Full name: Text ○ Email: Text ○ Organization: Text • Quota: Number • Primary subject area: Text • Secondary subject area: List subject areas • Domain conflict: Text • Assigned: Number • Progress: Percentage • Actions: <ul style="list-style-type: none"> ○ View Reviewer Assignment Report
29	Get list submission assign to reviewer	View Reviewer Assignment Report	<p>This screen allows PC Chair to view the submissions to which the reviewer is assigned. This screen shows reviewer general information and list of submissions</p> <p>Reviewer general information:</p> <ul style="list-style-type: none"> • Reviewer: <ul style="list-style-type: none"> ○ Full name: Text ○ Email: Text • Assigned review: Number • Quota: Number <p>Each submission item includes:</p> <ul style="list-style-type: none"> • Index: Number • Paper Id: Text • Paper title: Text • Track name: Text • Authors: List authors • Primary subject area: Text

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			<ul style="list-style-type: none"> • Secondary subject area: List subject areas • Submission files: Files • Supplementary materials: Files • Revision files: Files • Score: Number • Deadline time: Datetime • Reviewed: Boolean <p>At The end of Page has action:</p> <ul style="list-style-type: none"> • Go Back: Button
30	View the reviewer invitation list	Manage Reviewer Invites	<p>This screen allows PC Chair to view list of reviewer's invitation in conference.</p> <p>List statics by track:</p> <ul style="list-style-type: none"> • Number of invitations: Text • Number of accepted invitations: Number • Number of rejected invitations: Number • Number of not response invitations: Number <p>Each reviewer item includes:</p> <ul style="list-style-type: none"> • First name: Text • Last name: Text • Email: Text • Organization: Text • Sent time: Datetime • Expires time: Datetime • Track: Text • Status: Text
31	Invite a reviewer	Reviewer Invitation User Searching	<p>This screen allows PC Chair to search users and invite to the conference.</p> <p>If the user exists, the user includes:</p> <ul style="list-style-type: none"> • Email: Text • First name: Text • Middle name: Text • Last name: Text • Organization: Text <p>If the user is not existing PC Chair will create user as outsider, the outsider includes:</p> <ul style="list-style-type: none"> • Email: Text • First name: Text • Middle name: Text • Last name: Text • Organization: Text • Country: Text • Actions: <ul style="list-style-type: none"> ○ Create Invite <p>At The end of Page has three actions:</p>

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			<ul style="list-style-type: none"> • Cancel Invite: Button • Previous: Button • Next: Button
32	Compose email for invite reviewer	Email Composing Invitation	<p>This screen allows PC Chair to compose email to send to the reviewer. This screen includes:</p> <ul style="list-style-type: none"> • Subject: Text • Body: Text <p>At The end of Page has three actions:</p> <ul style="list-style-type: none"> • Cancel: Button • Previous: Button • Next: Button
33	Get previewing email	Previewing Email Invitation	<p>This screen allows PC Chair to preview email before sending it to the reviewer. This screen includes:</p> <ul style="list-style-type: none"> • Sender full name: Text • Sender email: Text • Recipient full name: Text • Recipient email: Text • Subject: Text • Body: Text <p>At The end of Page has three actions:</p> <ul style="list-style-type: none"> • Cancel: Button • Previous: Button • Send: Button
34	Aggregate list of conference manuscripts	Manuscripts	<p>This screen allows PC Chair tracking final camera-ready submission, registration and presentation submission. This screen shows general conference information and list submissions:</p> <p>General conference information includes:</p> <ul style="list-style-type: none"> • Conference full name: Text • Conference short name: Text • Current phase: Text • Next phase: Text • Request Presentation: <ul style="list-style-type: none"> ○ Presentation Bulk Enabled: Button ○ Presentation Bulk Disabled: Button <p>Based on the tab of the submission list, extra field includes:</p> <ul style="list-style-type: none"> • All manuscripts: <ul style="list-style-type: none"> ○ Download: Button • All registered manuscripts: <ul style="list-style-type: none"> ○ Download: Button • All presentation: <ul style="list-style-type: none"> ○ Download: Button • Presentation-submitted manuscripts: <ul style="list-style-type: none"> ○ Download: Button

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			<p>Each submission item includes:</p> <ul style="list-style-type: none"> • Index: Number • Paper title: Text • Track name: Text • Primary subject area: Text • Secondary subject area: List subject areas • Authors: List authors • Registered: Boolean • Register option: Text • Order: <ul style="list-style-type: none"> ◦ Charge type: Text ◦ Price: Number ◦ Option: Text ◦ Amount: Number ◦ Subtotal: Number ◦ Order total: Number • Registrant: <ul style="list-style-type: none"> ◦ Name prefix: Text ◦ Full name: Text ◦ Email: Text ◦ Organization: Text ◦ Country: Text • Request for presentation: <ul style="list-style-type: none"> ◦ Name: Text ◦ Request: Dropdown Menu • Presentation completely: Boolean • Presenters: List presenters
35	Get paper statuses	Paper Statuses Setting	<p>This screen shows all paper statuses of conference. The paper statuses include:</p> <ul style="list-style-type: none"> • Awaiting decision • Desk Reject • Accept • Revision • Reject
36	Define a track's subject area list	Subject Area Setting	<p>This screen allows PC Chair to manage the subject areas. Subject Areas include:</p> <ul style="list-style-type: none"> • Subject Areas: List Subject Areas • Add Subject Area: Button • Edit Subject Area: Button • Delete Subject Area: Button
37	Adjust track settings	Submission Setting	<p>This screen allows PC Chair to manage the configuration of submission. The configuration includes:</p> <ul style="list-style-type: none"> • Abstract <ul style="list-style-type: none"> ◦ Maximum number of characters for abstract: Dropdown Menu ◦ Abstract Required: Boolean

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			<ul style="list-style-type: none"> • Submission File: <ul style="list-style-type: none"> ○ Maximum number of file/s allowed: Dropdown Menu ○ Minimum number of file/s required: Dropdown Menu ○ File formats (comma separated): Dropdown Menu ○ Maximum file size does not exceed (MB): Dropdown Menu • Supplementary Material: <ul style="list-style-type: none"> ○ Allow submission of supplementary material: Boolean ○ Maximum number of file/s allowed: Dropdown Menu ○ Minimum number of file/s required: Dropdown Menu ○ File formats (comma separated): Dropdown Menu ○ Maximum file size does not exceed (MB): Dropdown Menu • Revision File: <ul style="list-style-type: none"> ○ Allow submission of revision files for Revision paper: Boolean ○ Maximum number of file/s allowed: Dropdown Menu ○ Minimum number of file/s required: Dropdown Menu ○ File formats (comma separated): Dropdown Menu ○ Maximum file size does not exceed (MB): Dropdown Menu • Other: <ul style="list-style-type: none"> ○ Allow only primary contact author to delete paper: Boolean
38	Get relevance score	Reviewer Suggestion	<p>This screen allows PC Chair to modify subject relevance scores. PC Chair can choose the default option or custom option. This screen includes:</p> <p>There are two options for PC Chair to choose:</p> <ul style="list-style-type: none"> • Default • Custom <p>If PC Chair choose custom option, field includes:</p> <ul style="list-style-type: none"> • Pp: Text • Ps: Text • Sp: Text • Ss: Text <p>At The end of Page has action:</p> <ul style="list-style-type: none"> • Save Changes: Button
39	Get list tracks of conference	Track Setting	<p>This screen allows PC Chair to manage tracks of conference. The Tracks include:</p>

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			<ul style="list-style-type: none"> • Tracks: List Tracks • Add Tracks: Button • Edit Tracks: Button • Delete Tracks: Button
40	Adjust conference general settings	Registration Setting	<p>This screen allows PC Chair to manage the configuration registration paper. The configuration includes:</p> <ul style="list-style-type: none"> • Free Charge: Switch • Registration Configuration: <ul style="list-style-type: none"> ○ Early Registration: Boolean ○ Early Registration Deadline: Datetime ○ Number of Pages: Number ○ Number of Extra Papers: Number • Charge Option, each option include: <ul style="list-style-type: none"> ○ Option: Text ○ Early Registration: Number ○ Regular Registration: Number ○ Enabled: Boolean • Customization Option: <ul style="list-style-type: none"> ○ New Option: Button ○ Options: List Options, Each Option includes: <ul style="list-style-type: none"> ▪ Option: Text ▪ Early Registration ▪ Early Registration: Number ▪ Regular Registration: Number ▪ Delete: Button <p>At The end of Page has action:</p> <ul style="list-style-type: none"> • Save Changes: Button
41	Adjust track settings	Submission Question Setting	<p>This screen allows PC Chair to manage the configuration submission questions. The configuration includes:</p> <ul style="list-style-type: none"> • Add New Question: Button • Preview: Button • Questions. Each question includes: <ul style="list-style-type: none"> ○ Title: Text ○ Text: Text ○ Required: Boolean ○ Visible to user: Boolean ○ Type: Dropdown Menu ○ Edit: Button ○ Delete: Button <p>At The end of Page has action:</p> <ul style="list-style-type: none"> • Save Changes: Button
42	Adjust track settings	Camera Ready Checklist Setting	<p>This screen allows PC Chair to manage camera ready checklist of conference. The checklist include:</p> <ul style="list-style-type: none"> • Checklist: checklists • Add checklist: Button • Edit checklist: Button

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			<ul style="list-style-type: none"> • Delete checklist: Button <p>At The end of Page has action:</p> <ul style="list-style-type: none"> • Save Changes: Button
43	Adjust track settings	Review Criteria Submission Setting	<p>This screen allows PC Chair to manage the configuration of review criteria submission. The review criteria include:</p> <ul style="list-style-type: none"> • Criteria List, each item include: <ul style="list-style-type: none"> ○ Criteria Title: Text ○ Evaluation Criteria: Text ○ Grade Level: Number ○ Weight: Number ○ Actions: <ul style="list-style-type: none"> ▪ Edit: Button ▪ Delete: Button <p>At The end of page has action:</p> <ul style="list-style-type: none"> • Save Changes: Button
44	Adjust track settings	Decision Criteria Submission Setting	<p>This screen allows PC Chair to manage the configuration of decision criteria. The configuration include:</p> <ul style="list-style-type: none"> • Decision checklist, each item includes: <ul style="list-style-type: none"> ○ Title: Text ○ Edit: Button ○ Delete: Button • Factors Affecting Selection: Text • Factors Disqualifying Research Paper Abstract: Text <p>At The end of page has action:</p> <ul style="list-style-type: none"> • Save Changes: Button
45	Update a track's activity timeline	Deadlines	<p>This screen allows PC Chair to manage activity timelines by completing conference phases or extending phases deadline. This screen shows list phase that includes:</p> <ul style="list-style-type: none"> • Phase name: Text • Deadline name: Text • Status: Dropdown • Deadline: Datetime
46	Create a track plan	Plan Deadlines	<p>This screen allows PC Chair to create a track plan for the conference.</p> <p>At the top list phase includes two button:</p> <ul style="list-style-type: none"> • Download Template: Button • Import Template: Button <p>List phase includes:</p> <ul style="list-style-type: none"> • Phase name: Text • Deadline name: Text • Status: Dropdown • Deadline: Datetime <p>At The end of Page has two actions:</p>

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			<ul style="list-style-type: none"> • Reset Deadlines: Button • Save Changes: Button
47	Set up email templates	Email Template Setting	<p>This screen allows PC Chair to update template setting for "Open For Submission" and "Open For Camera Ready".</p> <p>There are two types of email template:</p> <ul style="list-style-type: none"> • CALLING FOR PAPER TEMPLATE, this includes: <ul style="list-style-type: none"> ○ Subject ○ Body • OPEN FOR SUBMISSION TEMPLATE, this includes: <ul style="list-style-type: none"> ○ Subject ○ Body <p>At The end of Page has one actions:</p> <ul style="list-style-type: none"> • Save Changes: Button
48	Get the list of author submissions	Author Console	<p>This screen shows general conference information and allows Author to manage their submissions.</p> <p>General conference information includes:</p> <ul style="list-style-type: none"> • Conference full name: Text • Conference short name: Text • Message: Text • Register paper: Button <p>There are three tabs in page:</p> <ul style="list-style-type: none"> • All Submissions • Requested for Camera Ready Submissions • Requested for Presentation Submissions <p>At the top list submission includes:</p> <ul style="list-style-type: none"> • Total of submission: Number <p>Each submission item includes:</p> <ul style="list-style-type: none"> • Paper id: Text • Title: Text • PC Chair note: Text • Abstract: Text • Track: Text • List files, each item includes: <ul style="list-style-type: none"> ○ Submission files: List Submission files ○ Download Submission: Button ○ Supplementary files: List Supplementary files ○ Download Supplementary: Button ○ Revision files: List Revision files ○ Download Revision: Button ○ Camera ready files: List Camera ready files ○ Download Camera ready: Button ○ Copyright files: List Copyright files ○ Download Copyright: Button

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			<ul style="list-style-type: none"> ○ Presentation files: List Presentation files ○ Download Presentation: Button ● Status: Text ● Deadline time: Datetime ● Actions: <ul style="list-style-type: none"> ○ Edit Submission: Button ○ Delete Submission: Button ○ Edit Conflicts: Button ○ Upload Supplementary: Button ○ Delete Supplementary: Button ○ Upload Revision: Button ○ Edit Revision: Button ○ Delete Revision: Button ○ Create Camera ready: Button ○ Edit Camera ready: Button ○ Delete Camera ready: Button ○ Upload Presentation: Button ○ Edit Presentation: Button ○ Delete Presentation: Button
49	Upload Supplementary Materials	Upload Supplementary	<p>This screen allows Author to upload supplementary for submission. This screen includes:</p> <ul style="list-style-type: none"> ● Paper Id: Text ● Paper title: Text ● Track name: Text ● Supplementary files: Files <p>At the end of page, there are two actions:</p> <ul style="list-style-type: none"> ● Go Back: Button ● Upload Supplementary Material: Button
50	Get an author's list of registered papers	My Registration	<p>This screen shows general conference information and allows Author to view their registration submissions.</p> <p>General conference information includes:</p> <ul style="list-style-type: none"> ● Conference full name: Text ● Conference short name: Text <p>Each submission item includes:</p> <ul style="list-style-type: none"> ● Index: Number ● Paper title: Text ● Track name: Text ● Primary subject area: Text ● Secondary subject area: List subject areas ● Authors: List authors ● Registered: Boolean ● Register option: Text ● Order: <ul style="list-style-type: none"> ○ Charge type: Text ○ Price: Number ○ Option: Text ○ Amount: Number

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			<ul style="list-style-type: none"> ○ Subtotal: Number ○ Order total: Number ● Registrant: <ul style="list-style-type: none"> ○ Name prefix: Text ○ Full name: Text ○ Email: Text ○ Organization: Text ○ Country: Text ● Request for presentation: Boolean ● Presentation completely: Boolean ● Presenters: List presenters
51	Register an author's qualified papers r	Registration	<p>This screen allows Author to register their paper into the conference. This screen include:</p> <p>Price table, each item in table include:</p> <ul style="list-style-type: none"> ● Option: Text ● Early Registration: Number ● Regular Registration: Number <p>Checklist registerable submission table, each item in table include:</p> <ul style="list-style-type: none"> ● Title: Text ● Check: Boolean <p>Paper Registration form, this form includes:</p> <ul style="list-style-type: none"> ● Option: Dropdown menu ● Add: Button ● List Author registration from, each form include: <ul style="list-style-type: none"> ○ Paper: Dropdown Menu ○ Number of pages: Number ○ Number of extra pages: Number ● Checkout: button
52	Get payment order	Payment	<p>This screen shows registration submission order and allows Author to make payment.</p> <p>Registration submission order includes:</p> <ul style="list-style-type: none"> ● Charge type: Text ● Price: Number ● Option: Text ● Amount: Number ● Subtotal: Number ● Order total: Number <p>At The end of Page has action:</p> <ul style="list-style-type: none"> ● PayPal: Button
53	Get payment success order	Payment Confirmation	<p>This screen shows the message to Author that the payment was successful or failed, and registration submission order. This screen includes:</p>

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			<ul style="list-style-type: none"> • Charge type: Text • Price: Number • Option: Text • Amount: Number • Subtotal: Number • Order total: Number • Functions: <ul style="list-style-type: none"> ○ OK: Button
54	View payment summary	Registration Summary	<p>This screen shows the registration summary to Author. This screen includes:</p> <ul style="list-style-type: none"> • Registrant full name: Text • Registrant email: Text • Registrant organization: Text • Conference full name: Text • Conference short name: Text • List of papers: <ul style="list-style-type: none"> ○ Paper title: Text ○ Paper Id: Text ○ Authors: List authors ○ Number of Pages: Number ○ Number of Extra Pages: Number
55	Get reviewer review for author	Author View Review	<p>This screen allows Author to view list reviewers review on submission. This screen includes:</p> <p>Conference general information:</p> <ul style="list-style-type: none"> • Paper Id: Text • Paper title: Text • Track name: Text <p>List reviewers review:</p> <ul style="list-style-type: none"> • Average evaluation score: Number • Comments for authors: Text <p>At The end of Page has action:</p> <ul style="list-style-type: none"> • Go Back: Button
56	Get list submission assigned to reviewer	Reviewer Console	<p>This screen shows general conference, reviewer information, and allows Reviewer to manage submissions assigned to them.</p> <p>General information includes:</p> <ul style="list-style-type: none"> • Conference full name: Text • Conference short name: Text • Reviewer: Text • Assigned review: Number • Quota: Number <p>Each Submission includes:</p>

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			<ul style="list-style-type: none"> • Paper Id: Text • Title: Text • Track: Text • Authors: List authors • Primary subject area: Text • Secondary subject area: List secondary subject areas • Files: <ul style="list-style-type: none"> ○ Download submission: Button ○ Download supplementary: Button ○ Download revision: Button • Deadline time: Datetime • Actions: <ul style="list-style-type: none"> ○ Enter review: Button ○ Edit review: Button ○ Delete review: Button ○ Define conflicts: Button
57	Get review of reviewer	Reviewer View Review	<p>This screen allows Reviewer to view his/her review on submission. This screen includes:</p> <p>Conference general information:</p> <ul style="list-style-type: none"> • Paper Id: Text • Paper title: Text • Track name: Text <p>Review on submission includes:</p> <ul style="list-style-type: none"> • Research paper review criteria: List criteria • Average evaluation score: Number • Suggestion for PC Chair: Text • Comments for authors: Text <p>At the end of page, there is action:</p> <ul style="list-style-type: none"> • Go Back: Button
58	Enter review	Enter Review	<p>This screen allows Reviewer to submit submission review. This screen includes:</p> <p>General information:</p> <ul style="list-style-type: none"> • Paper Id: Text • Paper title: Text <p>List reviewers review:</p> <ul style="list-style-type: none"> • Reviewer full name: Text • Research paper review criteria: List criteria • Average evaluation score: Number • Suggestion for PC Chair: Text • Comments for authors: Text <p>At the end of page, there is two actions:</p>

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			<ul style="list-style-type: none"> • Go Back: Button • Submit Review: Button
59	Declare reviewer conflicts of interest	Define Conflicts	<p>This screen allows Reviewer to define conflicts of interest. This screen includes:</p> <p>Conference general information:</p> <ul style="list-style-type: none"> • Paper id: Text • Paper title: Text • Track name: Text <p>List conflicts:</p> <ul style="list-style-type: none"> • Conflict case name: Text <p>At the end of page, there are two actions:</p> <ul style="list-style-type: none"> • Go Back: Button • Save Changes: Button
60	Get reviewer information and list conferences	Reviewer Information Setting	<p>This screen allows Reviewer views all conference they attend. This screen includes:</p> <p>Reviewer general information:</p> <ul style="list-style-type: none"> • Full name: Text • Account Id: Text • Email: Text • Country: Text • Domain conflicts: Text <p>List conferences:</p> <ul style="list-style-type: none"> • Index: Number • Conference name: Text • Conference short name: Text • Track name: Text • Primary subject area: Text • Secondary subject area: List subject areas • Quota: Number • Actions: <ul style="list-style-type: none"> ○ Edit Quota: Button ○ Select Subject Areas: Button
61	Specifying reviewing information	Edit Quota	<p>This screen allows Reviewer change quota. This screen includes:</p> <ul style="list-style-type: none"> • Track name: Text • Conference name: Text • Quota: Number <p>At the end of page, there are two actions:</p> <ul style="list-style-type: none"> • Go Back: Button • Save Changes: Button

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62	Select subject areas	Select Subject Areas	<p>This screen allows Reviewer select primary and secondary subject areas. This screen includes:</p> <ul style="list-style-type: none"> • Track name: Text • Full name: Text • List subject areas: List subject areas <p>At the end of page, there are two actions:</p> <ul style="list-style-type: none"> • Go Back: Button • Save Changes: Button
63	Call for papers	Notification Open Submission	<p>This screen allows PC Chair to download template and import a list of emails to send.</p> <p>At the top, there are two buttons:</p> <ul style="list-style-type: none"> • Download Template: button • Import Template: button <p>There is a table show a list of emails after importing.</p> <p>At the bottom, there are two buttons:</p> <ul style="list-style-type: none"> • Go back: button • Send: button
64	Get admin list conferences	Admin Conferences	<p>This screen allows Admin to manage conferences in the system.</p> <p>At the top list conferences includes:</p> <ul style="list-style-type: none"> • Create Conference: Button <p>List conferences includes:</p> <ul style="list-style-type: none"> • Conference full name: Text • Start date: Datetime • End date: Datetime • Location: Text • Website link: <ul style="list-style-type: none"> ◦ Link: text ◦ Edit Icon: Button • Status: Text • Actions: <ul style="list-style-type: none"> ◦ Create Website: Button ◦ Update Website: Button ◦ Delete Website: Button • Final Report: <ul style="list-style-type: none"> ◦ Export Final Report: Button
65	Create conference	Create Conference	<p>This screen allows Admin to create new conference. This screen includes:</p> <ul style="list-style-type: none"> • Conference full name: Text • Conference short name: Text • Country: Text

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			<ul style="list-style-type: none"> • City: Text • Website link: Text • PC Chairs: List PC Chairs • Tracks: List tracks • Conference logo: Image <p>At the end of page, there are two actions:</p> <ul style="list-style-type: none"> • Go Back: Button • Create Conference: Button
66	Create a conference's website content	Website Template Selection	<p>This screen allows admin to choose template to create webpage content corresponding with selected web template and create navbars based on selected template. This screen includes:</p> <p>Selecting template. A list of web template for admin to choose, each item includes:</p> <ul style="list-style-type: none"> • Choose: Radio Button • Name: Text • Description: Text • Conference has used: List of conference use the template • Preview: Button <p>Creating navbar based on selected template. This part is divided into two sections.</p> <ul style="list-style-type: none"> • The left site includes: <ul style="list-style-type: none"> ○ Add nav ○ parent naves: List of parent naves • The right site includes: <ul style="list-style-type: none"> ○ Add sub nav ○ Children nav: List of children naves corresponding with selected parent nav <p>At the end of page, there are three actions:</p> <ul style="list-style-type: none"> • Create New Template: Button • Back to Dashboard: Button • Next: Button
67	Create a conference's website content	Web Page Content Creation	<p>This screen allows Admin to create webpage content with selected nav. This screen includes:</p> <p>At the top at page, it has note for supporting admin to create the internal and external link page</p> <p>At the left site is the list of parent naves and list of children naves corresponding with its parent nav</p>

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			<p>At the right site is the editor for admin to create webpage content corresponding with the selected nav. Below the editor has Preview button, helping admin to preview the webpage content on editor.</p> <p>At the end of page, there are three actions:</p> <ul style="list-style-type: none"> • Back to Dashboard: Button • Previous: Button • Next: Button
68	Export a conference website's content	Export Web Page Content	<p>This screen allows Admin to export the webpage content at step “Creating webpage content” into files html. This screen includes:</p> <ul style="list-style-type: none"> • Export webpage files: Button <p>At the end of page, there are three actions:</p> <p>Previous: Button</p> <ul style="list-style-type: none"> • Next: Button
69	Input research profile information	Profile Creation	<p>This screen allows Lecturer to create scientist profile. The Profile includes:</p> <ul style="list-style-type: none"> • Public name: Text • Date of birth: Datetime • Introduction: Text • Home address: Text • Phone number: Text • Mobile phone: Text • Gender: Radio Button • Primary email: Text • ORCID: Link • Scientist title: Text • Administration position function: Text • Academic rank: Text • Year of academic function achievement: Number • Current degree: Text • Year of current degree achievement: Number • Fax: Text
70	View the research profile	Scientist Profile About	<p>This screen shows Lecturer scientist profile About information.</p> <p>At the left page includes:</p> <ul style="list-style-type: none"> • Author Id: Text • Email: Text • Website & social links: <ul style="list-style-type: none"> ◦ Title: Text ◦ URL: Text ◦ Action: <ul style="list-style-type: none"> ▪ Edit: Button

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			<ul style="list-style-type: none"> • Other Id: <ul style="list-style-type: none"> ○ Title: Text ○ URL: Text ○ Action: <ul style="list-style-type: none"> ▪ Edit: Button • Country: Text <p>At the top page includes:</p> <ul style="list-style-type: none"> • Action: <ul style="list-style-type: none"> ○ Edit: Button • Public name: Text • ORCID: Text • Scientist title: Text • Administration position function: Text • Academic rank: Text • Year of academic function achievement: Text • Current degree: Text • Year of current degree achievement: Text • Also known as: List name <p>Profile About includes:</p> <ul style="list-style-type: none"> • Action: <ul style="list-style-type: none"> ○ Edit: Button • Home address: Text • Phone number: Text • Mobile phone: Text • Fax: Text • Introduction: Text • Date of birth: Datetime • Gender: Radio Button
71	View the research profile	Profile Workplace	<p>This screen shows Lecturer scientist profile Workplace information.</p> <p>At the left page includes:</p> <ul style="list-style-type: none"> • Author Id: Text • Email: Text • Website & social links: <ul style="list-style-type: none"> ○ Title: Text ○ URL: Text ○ Action: <ul style="list-style-type: none"> ▪ Edit: Button • Other Id: <ul style="list-style-type: none"> ○ Title: Text ○ URL: Text ○ Action: <ul style="list-style-type: none"> ▪ Edit: Button • Country: Text <p>At the top page includes:</p> <ul style="list-style-type: none"> • Action: <ul style="list-style-type: none"> ○ Edit: Button

			<ul style="list-style-type: none"> • Public name: Text • ORCID: Text • Scientist title: Text • Administration position function: Text • Academic rank: Text • Year of academic function achievement: Text • Current degree: Text • Year of current degree achievement: Text • Also known as: List name <p>Profile Workplace includes:</p> <ul style="list-style-type: none"> • Edit: Button • Organization name: Text • Organization phone number: Text • Organization description: Text • Organization website: Text • GRID: Text
72	View the research profile	Profile Educations	<p>This screen shows Lecturer scientist profile Educations information.</p> <p>At the left page includes:</p> <ul style="list-style-type: none"> • Author Id: Text • Email: Text • Website & social links: <ul style="list-style-type: none"> ◦ Title: Text ◦ URL: Text ◦ Action: <ul style="list-style-type: none"> ▪ Edit: Button • Other Id: <ul style="list-style-type: none"> ◦ Title: Text ◦ URL: Text ◦ Action: <ul style="list-style-type: none"> ▪ Edit: Button • Country: Text <p>At the top page includes:</p> <ul style="list-style-type: none"> • Action: <ul style="list-style-type: none"> ◦ Edit: Button • Public name: Text • ORCID: Text • Scientist title: Text • Administration position function: Text • Academic rank: Text • Year of academic function achievement: Text • Current degree: Text • Year of current degree achievement: Text • Also known as: List name <p>Profile Educations include:</p> <ul style="list-style-type: none"> • Add: Button • List educations, each item includes:

			<ul style="list-style-type: none"> ○ Full name of degree: Text ○ Degree Abbreviation: Text ○ Academic degree: Dropdown menu ○ Start year: Datetime ○ Year of education: Datetime ○ Organization: Text ○ Organization phone number: Text ○ Organization description: Text ○ Organization website: Text ○ GRID: Text ○ Edit: Button
73	View the research profile	Profile Employments	<p>This screen shows Lecturer scientist profile Employments information.</p> <p>At the left page includes:</p> <ul style="list-style-type: none"> • Author Id: Text • Email: Text • Website & social links: <ul style="list-style-type: none"> ○ Title: Text ○ URL: Text ○ Action: <ul style="list-style-type: none"> ▪ Edit: Button • Other Id: <ul style="list-style-type: none"> ○ Title: Text ○ URL: Text ○ Action: <ul style="list-style-type: none"> ▪ Edit: Button • Country: Text <p>At the top page includes:</p> <ul style="list-style-type: none"> • Action: <ul style="list-style-type: none"> ○ Edit: Button • Public name: Text • ORCID: Text • Scientist title: Text • Administration position function: Text • Academic rank: Text • Year of academic function achievement: Text • Current degree: Text • Year of current degree achievement: Text • Also known as: List name <p>Profile Employments include:</p> <ul style="list-style-type: none"> • Add: Button • List Employments, each item includes: <ul style="list-style-type: none"> ○ Role / Position: Text ○ Start date: Datetime ○ End date: Datetime ○ Organization name: Text ○ Organization phone number: Text ○ Organization description: Text ○ Organization website: Text

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			<ul style="list-style-type: none"> ○ GRID: Text ○ Edit: Button
74	View the research profile	Profile Scholarships	<p>This screen shows Lecturer scientist profile Scholarship information.</p> <p>At the left page includes:</p> <ul style="list-style-type: none"> • Author Id: Text • Email: Text • Website & social links: <ul style="list-style-type: none"> ○ Title: Text ○ URL: Text ○ Action: <ul style="list-style-type: none"> ▪ Edit: Button • Other Id: <ul style="list-style-type: none"> ○ Title: Text ○ URL: Text ○ Action: <ul style="list-style-type: none"> ▪ Edit: Button • Country: Text <p>At the top page includes:</p> <ul style="list-style-type: none"> • Action: <ul style="list-style-type: none"> ○ Edit: Button • Public name: Text • ORCID: Text • Scientist title: Text • Administration position function: Text • Academic rank: Text • Year of academic function achievement: Text • Current degree: Text • Year of current degree achievement: Text • Also known as: List name <p>Profile Scholarship include:</p> <ul style="list-style-type: none"> • Add: Button • A List Scholarships, each item includes: <ul style="list-style-type: none"> ○ Name: Text ○ Description: Text ○ Issuer: Text ○ Issue Year: Text ○ Edit: Button
75	View the research profile	Profile Awards	<p>This screen shows Lecturer scientist profile Awards information.</p> <p>At the left page includes:</p> <ul style="list-style-type: none"> • Author Id: Text • Email: Text • Website & social links: <ul style="list-style-type: none"> ○ Title: Text ○ URL: Text ○ Action: <ul style="list-style-type: none"> ▪ Edit: Button

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			<ul style="list-style-type: none"> • Other Id: <ul style="list-style-type: none"> ○ Title: Text ○ URL: Text ○ Action: <ul style="list-style-type: none"> ▪ Edit: Button • Country: Text <p>At the top page includes:</p> <ul style="list-style-type: none"> • Action: <ul style="list-style-type: none"> ○ Edit: Button • Public name: Text • ORCID: Text • Scientist title: Text • Administration position function: Text • Academic rank: Text • Year of academic function achievement: Text • Current degree: Text • Year of current degree achievement: Text • Also known as: List name <p>Profile Awards include:</p> <ul style="list-style-type: none"> • Add: Button • A List Awards, each item includes: <ul style="list-style-type: none"> ○ Name: Text ○ Description: Text ○ Issuer: Text ○ Issue Year: Text ○ Edit: Button
76	View the research profile	Profile Skills	<p>This screen shows Lecturer scientist profile Skills information.</p> <p>At the left page includes:</p> <ul style="list-style-type: none"> • Author Id: Text • Email: Text • Website & social links: <ul style="list-style-type: none"> ○ Title: Text ○ URL: Text ○ Action: <ul style="list-style-type: none"> ▪ Edit: Button • Other Id: <ul style="list-style-type: none"> ○ Title: Text ○ URL: Text ○ Action: <ul style="list-style-type: none"> ▪ Edit: Button • Country: Text <p>At the top page includes:</p> <ul style="list-style-type: none"> • Action: <ul style="list-style-type: none"> ○ Edit: Button • Public name: Text • ORCID: Text

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			<ul style="list-style-type: none"> • Scientist title: Text • Administration position function: Text • Academic rank: Text • Year of academic function achievement: Text • Current degree: Text • Year of current degree achievement: Text • Also known as: List name <p>Profile Skills include:</p> <ul style="list-style-type: none"> • Add: Button • A List Skills, each item includes: <ul style="list-style-type: none"> ○ Name: Text ○ Description: Text ○ Issuer: Text ○ Score / Result: Text ○ Issue Year: Text ○ Edit: Button
77	View the research profile	Profile Researches	<p>This screen shows Lecturer scientist profile Skills information.</p> <p>At the left page includes:</p> <ul style="list-style-type: none"> • Author Id: Text • Email: Text • Website & social links: <ul style="list-style-type: none"> ○ Title: Text ○ URL: Text ○ Action: <ul style="list-style-type: none"> ▪ Edit: Button • Other Id: <ul style="list-style-type: none"> ○ Title: Text ○ URL: Text ○ Action: <ul style="list-style-type: none"> ▪ Edit: Button • Country: Text <p>At the top page includes:</p> <ul style="list-style-type: none"> • Action: <ul style="list-style-type: none"> ○ Edit: Button • Public name: Text • ORCID: Text • Scientist title: Text • Administration position function: Text • Academic rank: Text • Year of academic function achievement: Text • Current degree: Text • Year of current degree achievement: Text • Also known as: List name <p>Profile Researches include:</p> <ul style="list-style-type: none"> • Add: Button • A List Researches, each item includes:

			<ul style="list-style-type: none"> ○ Name: Text ○ Edit: Button
78	View the research profile	Profile Publications	<p>This screen shows Lecturer scientist profile Publications information</p> <p>At the left page includes:</p> <ul style="list-style-type: none"> • Author Id: Text • Email: Text • Website & social links: <ul style="list-style-type: none"> ○ Title: Text ○ URL: Text ○ Action: <ul style="list-style-type: none"> ▪ Edit: Button • Other Id: <ul style="list-style-type: none"> ○ Title: Text ○ URL: Text ○ Action: <ul style="list-style-type: none"> ▪ Edit: Button • Country: Text <p>At the top page includes:</p> <ul style="list-style-type: none"> • Action: <ul style="list-style-type: none"> ○ Edit: Button • Public name: Text • ORCID: Text • Scientist title: Text • Administration position function: Text • Academic rank: Text • Year of academic function achievement: Text • Current degree: Text • Year of current degree achievement: Text • Also known as: List name <p>Profile Publications include:</p> <ul style="list-style-type: none"> • Add: Button • List Publications, each item includes: <ul style="list-style-type: none"> ○ Publication name: Text ○ Publisher: Text ○ DOI title: Text ○ DOI link: Text ○ Work Type: Dropdown menu ○ Publication date: Datetime ○ Is author lead: Radio Button ○ Other publication links: list of links ○ Contributor names: list of contributors ○ Edit: Button

Table 17 - Screen Descriptions

3.1.3 Screen Authorization

Screen	Authenticated User					Unauthenticated User
	PC Chair	Author	Reviewer	Lecturer	Admin	
Login						X
Register						X
Conferences	X	X	X	X		
Conference Overview Dashboard	X					
Conference Committee	X					
Conference Participation Dashboard	X					
Reports	X					
Submission Console	X					
Reviewer Assignment Console	X					
Paper Decision	X					
Submission Edits	X	X				
New Submission Creation	X	X				
Submission Summary	X	X	X			
Submission Conflict of Interests	X	X				
Author Notification Track Selection	X					
Author Notification Email Setting	X					
Author Notification Email Reviewing	X					
Author Notification Previewing	X					
Author Notification Send Email	X					
Upload Revision	X	X				
Edit Revision	X	X				
Upload Presentation	X	X				
Edit Presentation	X	X				
Create Camera Ready	X	X				

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Edit Camera Ready	X	X				
PC Chair View Review	X					
Edit Review	X		X			
Conference Users	X					
Reviewer Management	X					
View Reviewer Assignment Report	X					
Manage Reviewer Invites	X					
Reviewer Invitation User Searching	X					
Email Composing Invitation	X					
Previewing Email Invitation	X					
Manuscripts	X					
Paper Statuses Setting	X					
Subject Area Setting	X					
Submission Setting	X					
Reviewer Suggestion	X					
Track Setting	X					
Registration Setting	X					
Submission Question Setting	X					
Camera Ready Checklist Setting	X					
Review Criteria Submission Setting	X					
Decision Criteria Submission Setting	X					
Deadlines	X					
Plan Deadlines	X					
Author Console		X				
Upload Supplementary		X				
My Registration		X				

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Registration		X				
Payment		X				
Payment Confirmation		X				
Registration Summary		X				
Author View Review		X				
Reviewer Console			X			
Reviewer View Review			X			
Enter Review			X			
Define Conflicts			X			
Reviewer Information Setting			X			
Edit Quota			X			
Select Subject Areas			X			
Admin Conferences					X	
Create Conference					X	
Website Template Selection					X	
Web Page Content Creation					X	
Export Web Page Content					X	
Profile Creation	X	X	X	X		
Scientist Profile About	X	X	X	X		
Profile Workplace	X	X	X	X		
Profile Educations	X	X	X	X		
Profile Employments	X	X	X	X		
Profile Scholarships	X	X	X	X		
Profile Awards	X	X	X	X		
Profile Skills	X	X	X	X		
Profile Researches	X	X	X	X		
Profile Publications	X	X	X	X		

Table 18 - Screen Authorization

3.1.4 Entity Relationship Diagram

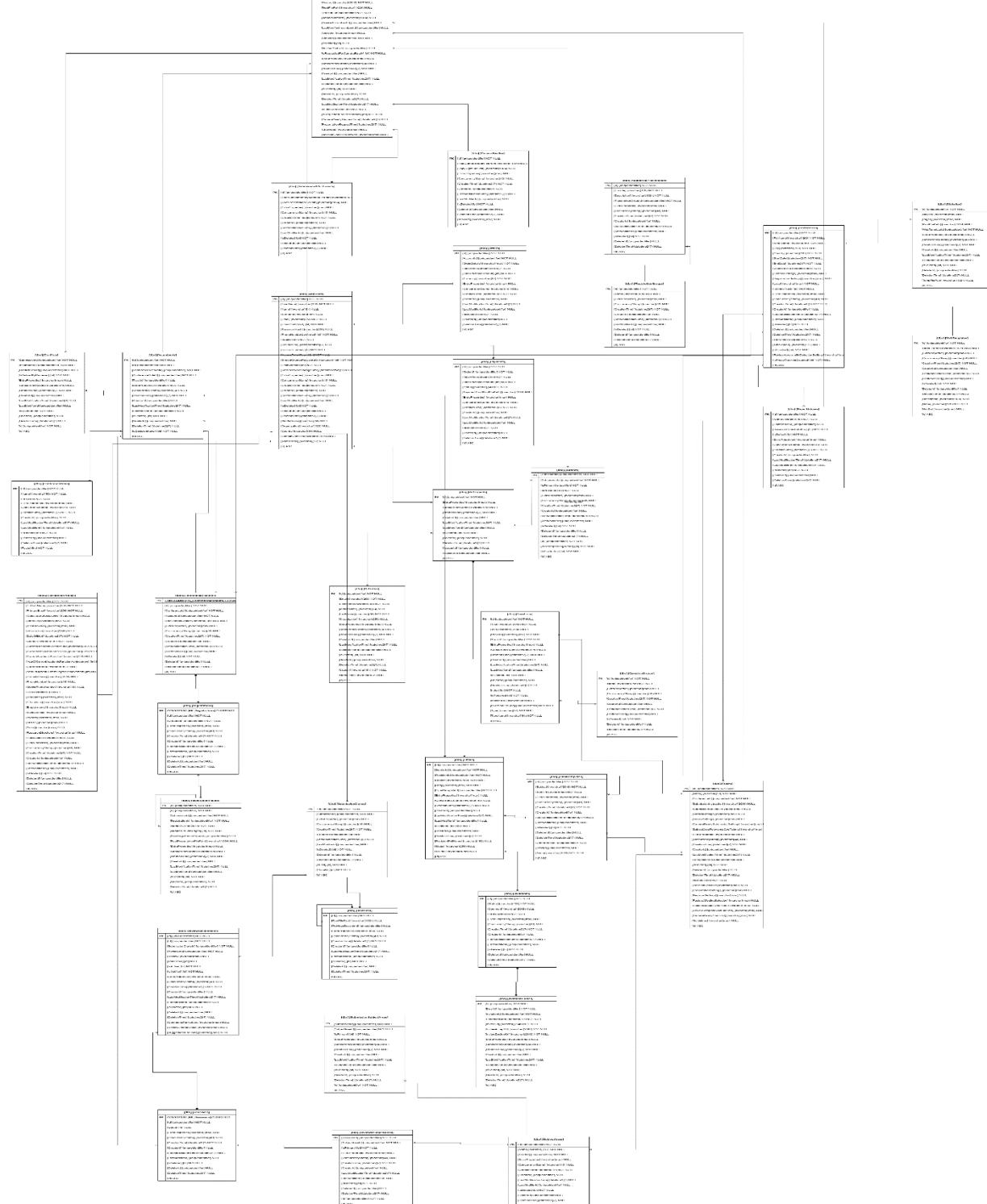


Figure 15 - ERD

Entities Description

#	Entity	Description
1	AbpUsers	An entity that represents the personal and authentication information of users within the system. This encompasses details

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		such as username, email, password, and affiliated organization, as well as the user's confirmation status and domain conflicts.
2	ActivityDeadline	An entity representing crucial deadlines for various activities within a conference management system. It contains details like the name of the activity, its current status, and the exact deadline, all linked to specific tracks.
3	Authors	This entity captures information about authors who have submitted content to the system. Details like participant ID, submission information, and author roles like primary contact or presenter are included.
4	CameraReadies	Represents the finalized versions of the conference submissions. It contains paths to relevant files, ensuring that the conference presentations and proceedings are accessible.
5	ConferenceAccount	Links user accounts to specific conferences, detailing their roles within the conference and any potential domain conflicts they might have.
6	ConferenceRole	Details the various roles individuals can assume within a conference. It specifies if a role belongs to the Program Committee and other related attributes.
7	Conferences	Provides comprehensive information about different conferences, capturing details such as their locations, dates, and other relevant settings.
8	ConflictCases	An entity that lists potential conflict scenarios for various submissions, ensuring transparent and unbiased review processes.
9	Conflict	Highlights specific conflicts associated with particular submissions, allowing the system to address them appropriately.
10	Emails	Chronicles the emails dispatched by the system, capturing details like the email status and associated templates.
11	EmailTemplate	Contains templates for emails, allowing standardised communication processes within the system.
12	Guidelines	Represents a set of guidelines, which could be related to submission processes, reviews, or any other conference-related aspect.
13	Incumbent	Holds information about specific roles or titles conferred to users within the conference context, recognizing their contributions or authority.
14	InvitationClones	Captures clones or duplicates of invitations, ensuring the system has backups or versions of original invitations.
15	Invitations	Houses details about invitations sent out, including their current status and any comments associated with them.

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16	Orders	This entity captures purchase or transaction records associated with the conference. This could include ticket sales, merchandise purchases, or any other financial transactions.
17	Outsiders	Holds data about individuals who aren't registered within the conference system but have some form of involvement, perhaps as guest speakers or special attendees.
18	PaperStatuses	Enumerates the possible statuses that a paper or submission might hold, such as "Under Review," "Accepted," or "Rejected."
19	Participant	Chronicles the participants of the conference, mapping them to either their user accounts or outsider profiles. This ensures every attendee is accounted for, regardless of their registration status.
20	Payments	Contains records of all payment transactions for the conference, linked to specific orders. This ensures financial transparency and accurate bookkeeping.
21	PlaceholderGroups	An entity grouping specific placeholders used within email or web templates. This aids in streamlining and standardizing communication processes.
22	QuestionGroups	Represents clusters of related questions, possibly used for surveys, feedback forms, or review criteria.
23	Question	Contains individual questions that are associated with specific groups or tracks, facilitating structured data collection.
24	RegistrationPapers	Associates papers or submissions with particular registrations, helping track which papers are part of which sessions or slots.
25	Registration	Details all registration data, linking it to when the registration was created, ensuring timely and accurate attendee management.
26	ResearcherProfiles	A detailed profile repository for researchers, capturing various fields about their background, academic achievements, publications, and other accolades.
27	ReviewAssignments	Details assignments designated for reviews, ensuring every submission is reviewed appropriately and fairly.
28	Reviewers	Contains specifics about reviewers, such as their quota of papers to review, ensuring a balanced workload.
29	ReviewerSubjectAreas	Links reviewers to specific subject areas or domains, ensuring that they are assigned papers aligned with their expertise.
30	Revisions	Chronicles paths for submission revisions, ensuring that all versions of a paper are easily accessible and trackable.
31	SubjectAreas	Enumerates various areas or domains of expertise for submissions, helping to categorize and streamline the review process.

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32	SubmissionAttachments	Holds supplementary materials or files associated with primary submissions, ensuring all related documents are consolidated.
33	SubmissionClones	Captures versioned or cloned data for submissions, maintaining a historical record of changes or updates.
34	Submissions	The central table for submissions with detailed information about the content, its current status, associated files, and other pertinent details.
35	SupportedPlaceholders	Lists placeholder values supported within email or web templates, ensuring dynamic and customizable communications.
36	Tracks	Chronicles conference tracks with their associated settings and details, providing structure to the event's proceedings.
37	Website	Holds details about the conference's official website or portal, ensuring attendees have access to relevant information.
38	WebTemplate	Contains templates used for the website or specific web pages, ensuring a consistent and branded appearance.
39	QuestionGroupTrack	Bridges question groups to specific tracks, ensuring relevant questions are posed for each session or domain.

Table 19 - Entities Description

3.2 Web Application

3.2.1 <Unauthenticated User> Authentication / Authorization

a. Log in

- **Function trigger:** Unauthenticated User request login into the system by clicking on the “Login” button.
- **Function description:** Unauthenticated User login to the system to verify role, give them access to more features in the system.
- **Screen layout:**

The screenshot shows the SRASS login interface. At the top, there is a blue header bar with the SRASS logo and a "Log in" button. Below this is a white login form with a blue header containing the SRASS logo. The form has two input fields: "Email *" with the value "sandra_wolf@gmail.com" and "Password *" with a redacted value. At the bottom of the form is a blue "LOGIN" button. Below the form, there are two small links: "Forgot your password?" and "New to SRASS? Register".

- Unauthenticated User input email, password and clicks on “Login” button.
- System queries the email and password in the database to verify the account exists.
- System validates the resolving content:

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- Success: System generates a JWT and returns the JWT back to the browser.
- Fail: System returns and shows error message.

b. Register

- **Function trigger:** Unauthenticated User request to join into the system with the role “Authenticated User” by clicking on the “Register” button.
- **Function description:** Unauthenticated User create an account for more access to the system.
- **Screen layout:**

The screenshot shows a registration form titled "Create New Account". At the top, there's a blue header with the "SRASS" logo. Below the header, a yellow box contains a warning message: "⚠ Password has at least 6 characters with at least 1 non-alphanumeric character, upper and lower case character and number!". The main form is divided into two sections: "Personal Information" and "Create New Account". The "Personal Information" section contains fields for First Name*, Middle Name*, Last Name*, Organization Name*, and Country/Region. The "Create New Account" section contains fields for Email*, Password*, and Confirm Password*. At the bottom of the form are two buttons: "Back to Login" and a blue "Register" button.

- Unauthenticated User input email, password, confirm password, first name, middle name, last name, organization name, country and click on “Register” button.
- System queries the email, password in the database to check if the email exists or password has corrected format already.
- System validates the resolving content:
 - Success: System send email to Unauthenticated User to confirm email. After clicking the link in Unauthenticated User's email account, the system will redirect to “Log in” page.
 - Fail: System returns and shows error message.

3.2.2 <Authenticated User> Conferences

a. Get Joined Conferences

- **Function trigger:** Authenticated User after login into system will enter the “Conferences” screen with tab “My Conferences” as default.
- **Function description:** Authenticated User can view and enter joined conferences
- **Screen layout:**

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Name	Start Date	End Date	Location	Website Link	Calling for papers	Status
CONFERENCE 25/8.(CONFERENCE 25/8)	26/08/2023	20/01/2024	TP HCM, Vietnam	Link not provided	Phase 1 - 08/09/2023	Ongoing
CONFERENCE FULLDAY (CE)	26/08/2023	13/01/2024	TP HCM, Vietnam	Link not provided	Currently no Calling for papers	Ongoing
Project Management 202 (Project Management 202C)	10/08/2023	07/06/2024	TP HCM, Vietnam	Go to Page	Currently no Calling for papers	Ongoing
Proceedings of the VLDB Volume 17 (VLDBVol17_2024)	24/08/2023	24/12/2023	TP HCM, Vietnam	Go to Page	Currently no Calling for papers	Ongoing
6th AsiaEngage Conference 2024 (A2)	26/08/2023	31/12/2023	TP HCM, Vietnam	Link not provided	Phase 1 - 08/09/2023	Ongoing
European Conference on Integrated Optics 2024 (H2)	26/08/2023	31/12/2023	TP HCM, Vietnam	Link not provided	Phase 2 - 08/09/2023	Ongoing
Thirty-eighth National Convention of Mechanical (TNCOM)	26/08/2023	13/01/2024	TP HCM, Vietnam	Link not provided	Track 1 - 09/09/2023	Ongoing
The 8th International Conference on Unsaturated Soils (UNSATChief-2024) (TBICOUS)	25/08/2023	09/02/2024	TP HCM, Vietnam	Go to Page	Currently no Calling for papers	Ongoing

- This function requires the user to login to the system with the role “Authenticated User”.
- This function returns a list of joined conferences included: Name, StartDate, EndDate, Location, Website Link, Calling for papers link, Status.

b. Get All Conferences

- **Function trigger:** Authenticated User click on tab “All Conferences”.
- **Function description:** Authenticated User can view and enter conferences
- **Screen layout:**

Name	Start Date	End Date	Location	Website Link	Calling for papers	Status
CONFERENCE 25/8.(CONFERENCE 25/8)	26/08/2023	20/01/2024	TP HCM, Vietnam	Link not provided	Phase 1 - 08/09/2023	Ongoing
CONFERENCE FULLDAY (CE)	26/08/2023	13/01/2024	TP HCM, Vietnam	Link not provided	Currently no Calling for papers	Ongoing
Project Management 202 (Project Management 202C)	10/08/2023	07/06/2024	TP HCM, Vietnam	Go to Page	Currently no Calling for papers	Ongoing
Proceedings of the VLDB Volume 17 (VLDBVol17_2024)	24/08/2023	24/12/2023	TP HCM, Vietnam	Go to Page	Currently no Calling for papers	Ongoing
6th AsiaEngage Conference 2024 (A2)	26/08/2023	31/12/2023	TP HCM, Vietnam	Link not provided	Phase 1 - 08/09/2023	Ongoing
European Conference on Integrated Optics 2024 (H2)	26/08/2023	31/12/2023	TP HCM, Vietnam	Link not provided	Phase 2 - 08/09/2023	Ongoing
Thirty-eighth National Convention of Mechanical (TNCOM)	26/08/2023	13/01/2024	TP HCM, Vietnam	Link not provided	Track 1 - 09/09/2023	Ongoing
The 8th International Conference on Unsaturated Soils (UNSATChief-2024) (TBICOUS)	25/08/2023	09/02/2024	TP HCM, Vietnam	Go to Page	Currently no Calling for papers	Ongoing

- This function requires the user to login to the system with the role “Authenticated User”.
- This function returns a list of all conferences included: Name, StartDate, EndDate, Location, Website Link, Calling for papers link, Status.

c. Get Call for Papers Conference

- **Function trigger:** Authenticated User click on tab “Calling for Papers Conferences”.
- **Function description:** Authenticated User can view and enter conferences that are calling for paper submission.
- **Screen layout:**

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The screenshot shows a table of conference details:

Name	Start Date	End Date	Location	Website Link	Calling for papers	Status
CONFERENCE 25(B) (CONFERENCE 25(B))	26/08/2023	20/01/2024	TP HCM, Vietnam	Link not provided	Phase 1 - 08/09/2023	Ongoing
6th AsiaEngage Conference 2024 (A2)	26/08/2023	31/12/2023	TP HCM, Vietnam	Link not provided	Phase 1 - 08/09/2023	Ongoing
European Conference on Integrated Optics 2024 (H2)	26/08/2023	31/12/2023	TP HCM, Vietnam	Link not provided	Phase 2 - 08/09/2023	Ongoing
Thirty-eighth National Convention of Mechanical (TNCOM)	26/08/2023	13/01/2024	TP HCM, Vietnam	Link not provided	Track 1 - 09/09/2023	Ongoing

Rows per page: 10 < 1-4 of 4 >

- This function requires the user to login to the system with the role “**Authenticated User**”.
- This function returns a list of conferences that are calling for paper submission included: Name, StartDate, EndDate, Location, Website Link, Calling for papers link, Status.

3.2.3 <PC Chair> Conference Overview Dashboard

- **Function trigger:** PC Chair click conference name on “Conferences”.
- **Function description:** PC Chair can view conference details such as conference logo, conference name, conference short name, conference status, city, country, current phase of the conference, start date, end date. Below the tab Summary, PC Chair can view conference website link, list of subject areas, list of tracks in conference.
- **Screen layout:**

The screenshot shows the conference details and tabs:

- Summary:**
 - FPTU HCM Student Research Competition 2023 (FU HCM SRC 2023)
 - Current Phase: Open for Submission: Submission Deadline (18/09/2023)
 - Sep 4th 2023 - Dec 17th 2023
- Program Committee:** Not visible in the screenshot.
- Participation:** Not visible in the screenshot.
- Reports:** Not visible in the screenshot.

SUBJECT AREAS

- Artificial Intelligence and Machine Learning
- Big Data and Data Warehousing
- Cryptocurrency and Blockchain Technology
- Cybersecurity and Network Security
- Data Science and Analytics
- Database Management
- Digital Marketing and Online Advertising
- E-commerce and Online Retail
- Internet of Things (IoT)
- IT Project Management
- Mobile Application Development
- Software Development and Engineering
- Virtual Reality and Augmented Reality
- Web Development and Design

WEBSITE

There is no link.

TRACKS (IF HAVE)

- Business Administration
- Graphic Design - Multimedia Communications
- Information Technology
- Linguistics

INFORMATION TECHNOLOGY

- This function requires the user to login to the system with the role “**PC Chair**”.

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- The system returns with conference details included: logo, conferenceFullName, conferenceShortName, city, country, status, currentPhase, startDate, endDate.
- If subject area has results, the system shows a list of subject areas. If not, system return a message “Subject Areas Empty”.
- If website link has results, the system shows the web link. If not, the system returns a message “There is no link”.
- If track has results, the system shows a list of tracks. If not, the system returns a message “Tracks Empty”.

3.2.4 <PC Chair> Conference Committee

- **Function trigger:** PC Chair click tab “Program Committee” in “Conference Overview Dashboard”.
- **Function description:** PC Chair can view committees in conference.
- **Screen layout:**

The screenshot shows the SRASS software interface. At the top, there is a navigation bar with links for Dashboard, Submission, Manuscripts, Users, and Settings. On the right side of the top bar, it says "Your Role: CHAIR" and "Sandra Wolf". Below the top bar, there is a banner for "FPTU HCM Student Research Competition 2023 (FU HCM SRC 2023)" with the status "Ongoing". The main content area is titled "ORGANIZING COMMITTEE". It contains a table with two rows of data. The columns are labeled "#", "Full Name", "Email", "Organization", "Country", and "Position". The first row has data for Sandra Wolf (Hoa Lac Campus, FPT University, India, Chair). The second row has data for Mark Godfrey (India). A tooltip for the "Position" column indicates options: Track Admin, Track Desig, Comm, Track Tech. At the bottom of the table, there is a button labeled "INFORMATION TECHNOLOGY" and another button labeled "Track".

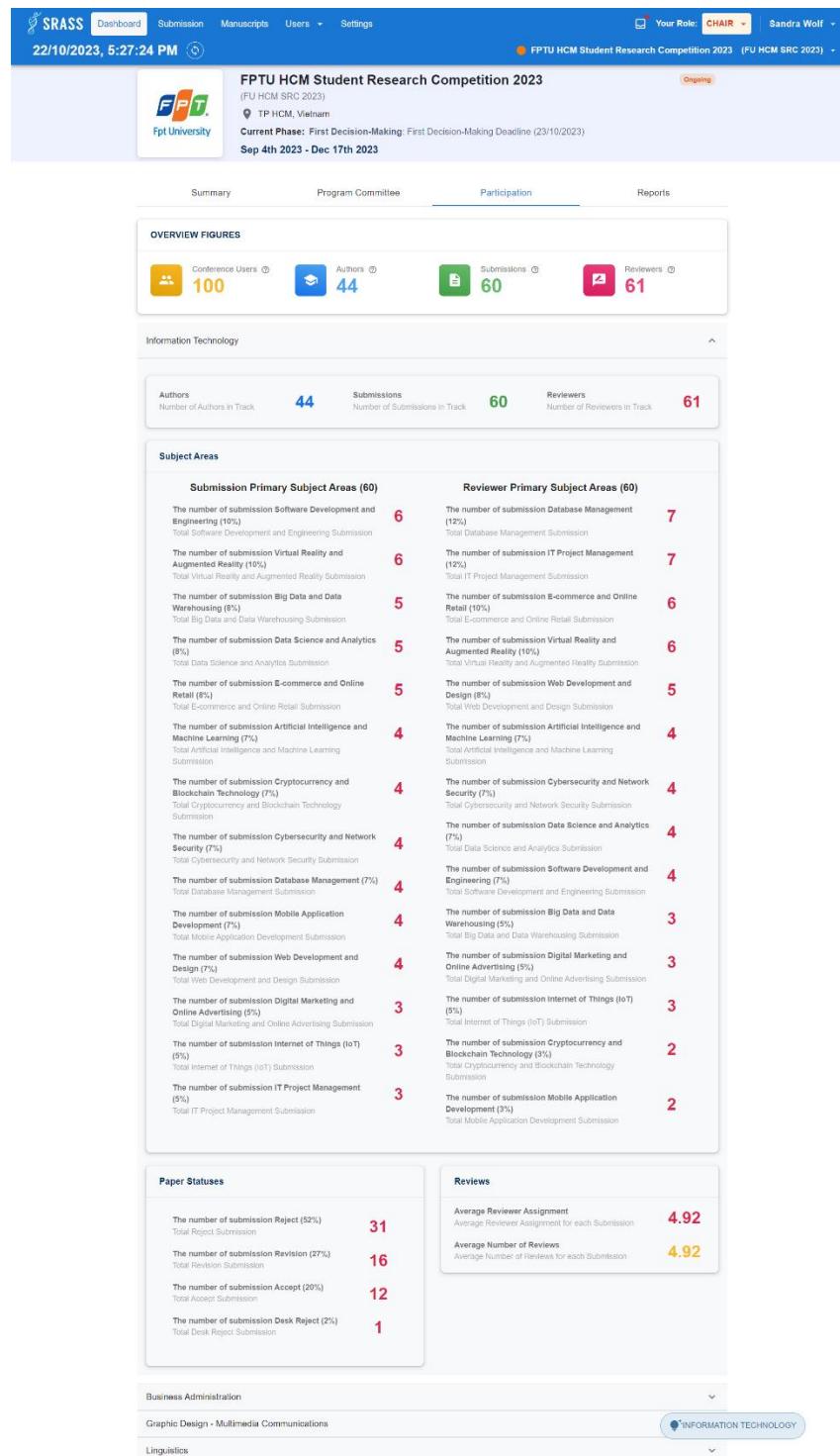
#	Full Name	Email	Organization	Country	Position
1	Sandra Wolf	sandra_wolf@gmail.com	Hoa Lac Campus, FPT University	India	Chair
2	Mark Godfrey	mark_godfrey@gmail.com		India	Track Admin Track Desig Comm Track Tech

- This function requires the user to login to the system with the role “**PC Chair**”.
- If committee has results, the system shows a list of program committees in conference. If not, system return a message “No record to display”.

3.2.5 <PC Chair> Conference Participation Dashboard

- **Function trigger:** PC Chair click tab “Participation” in “Conference Overview Dashboard”.
- **Function description:** PC Chair can view overall statistic of conference and each track.
- **Screen layout:**

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- This function requires the user to login to the system with the role "**PC Chair**".

3.2.6 <PC Chair> Reports

- Function trigger:** PC Chair click tab “Reports” in “Conference Overview Dashboard”.
- Function description:** PC Chair
- Screen layout:**

Capstone Project Document - Science Research Activity Support System

3.2.7 <PC Chair> Submission Console

- **Function trigger:** PC Chair click on the “Submission” on header.
- **Function description:** PC Chair can view list of submission and statistic related to submission in conference.
- **Screen layout:**

The screenshot shows the SRASS Chair Console interface. At the top, there's a navigation bar with 'SRASS' logo, 'Dashboard', 'Submission' (which is the active tab), 'Manuscripts', 'Users', 'Settings', and a user dropdown 'Your Role: CHAIR'. Below the navigation is a date and time '22/10/2023, 5:02:03 PM'. On the right, it says 'FPTU HCM Student Research Competition 2023 (FPTU HCM SRC 2023)' and has 'Actions' and 'SYNC' buttons.

The main area is titled 'Chair Console' and displays several statistic boxes:

- Overview:** Number of Submissions: 60
- Revision:** Paper with Revision Submitted: 0, Paper with Revision not Submitted: 0
- Camera Ready:** Camera Ready Requested: 0
- Review:** To be Reviewed Papers: 16, Papers Assigned Reviewers: 16, Papers not Assigned Reviewers: 0, Review Paper Complete: 16, Review Paper Incomplete: 0

Below these are sections for 'Notified Statuses' and 'Paper Statuses' with various counts for accepted, rejected, and revised notifications.

The central part of the screen is a table titled '60 submissions in total' with columns: #, Paper, Track, Authors, Progress, Average Score, Status, and Notify Status. Each row represents a submission with details like title, authors, progress (e.g., 100%), average score (e.g., 51), and status buttons for REVISION, ACCEPT, and REJECT. The table also includes a 'Notify Status' column with buttons for 'Decide on Paper' and 'Desk Reject'.

- This function requires the user to login to the system with the role “**PC Chair**”.
- If submission has results, the system shows a list of submission in conference included: title, track name, authors, PC ChairNoteId, reviewerConflicts, submissionConflicts, assigned, progress, averageScore, status, notifyStatus, revisionSubmitted, isRequestedForCameraReady, cameraReadySubmitted. If not, system return a message “No record to display”.
- Table column visible based on that phase of the conference.
- PC Chair can click on statistic buttons to filter submission data table.
 - Statistic button disabled when statistic value is 0.
 - The statistic button will be highlighted if that statistic needs attention based on that phase of the conference.

3.2.8 <PC Chair> Reviewer Assignment Console

a. All Reviewer

- **Function trigger:** PC Chair click “Edit Reviewer Assignments” in the “Submission Console” table action menu.
- **Function description:** PC Chair can view list of reviewers and assign reviewers to review submission.
- **Screen layout:**

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#	Reviewer	Reviewer Conflicts	Submission Conflicts	Quota	Number Of Assignments	Relevance	Assign
1	Cooper Christian Email: christophercooper@gmail.com Organization: Sunnyside University				1	0.83046	<input checked="" type="checkbox"/>
2	Harper Lewis Email: harper.lewis@email.com Organization: Beachfront College				7	0.81848	<input checked="" type="checkbox"/>
3	Perez Harper Email: harperperez@email.com Organization: Oceancrest College				3	0.81848	<input checked="" type="checkbox"/>
4	Jackson James Email: jamesjackson@gmail.com Organization: Suncrest University				4	0.81848	<input type="checkbox"/>
5	Cooper Alexander Email: alexandrocopper@gmail.com Organization: Cliffview University				2	0.81848	<input type="checkbox"/>
6	Peterson Harper Email: harperpeterson@email.com Organization: Rivercrest College				4	0.81848	<input type="checkbox"/>
7	Campbell Avery Email: averycampbell@email.com Organization: Mistyvalley College				3	0.8	<input type="checkbox"/>
	Carter Amelia						

Rows per page: 15 | 1-15 of 61 | < >

INFORMATION TECHNOLOGY

[Back to Chair Console](#) [Assign](#)

- This function requires the user to login to the system with the role “**PC Chair**”.
- The system returns the list of reviewer order by relevance score. The top highest relevance score is highlighted in blue, and the second highest score is highlighted in purple.

b. Assigned Reviewers

- **Function trigger:** After assign reviewers or click on the “Assigned Reviewers” tab.
- **Function description:** PC Chair can view reviewers who were assigned to the submission or can also unassign to the reviewer.
- **Screen layout:**

#	Reviewer	Reviewer Conflicts	Submission Conflicts	Quota	Number Of Assignments	Relevance	Assign
1	Cooper Christian Email: christophercooper@gmail.com Organization: Sunnyside University				2	0.83046	<input checked="" type="checkbox"/>
2	Harper Lewis Email: harper.lewis@email.com Organization: Beachfront College				8	0.81848	<input checked="" type="checkbox"/>
3	Perez Harper Email: harperperez@email.com Organization: Oceancrest College				4	0.81848	<input checked="" type="checkbox"/>
4	Jackson James Email: jamesjackson@gmail.com Organization: Suncrest University				5	0.81848	<input checked="" type="checkbox"/>
5	Alessandro Muci Email: alessandro_muci@gmail.com Organization: Hutech University				9	0	<input checked="" type="checkbox"/>

Rows per page: 15 | 1-5 of 5 | < >

INFORMATION TECHNOLOGY

[Back to Chair Console](#) [Assign](#)

Capstone Project Document - Science Research Activity Support System

- This function requires the user to login to the system with the role “PC Chair”.
- The system returns the list of reviewers assigned to submission.

3.2.9 <PC Chair> Paper Decision

a. View Review

- **Function trigger:** PC Chair click on “Decide on Paper” button in the “Submission Console” table status column.
- **Function description:** PC Chair can view reviews of submission before giving decision on submission.
- **Screen layout:**

Paper Decision Making

Paper ID: 0ab7-f34b | Paper title: Automated Testing Framework for Agile Software Development | Track name: Information Technology

Reviews (2) Decision

Reviewer #1 (Alessandro Muci) | Edit Review

RESEARCH PAPER REVIEW CRITERIA

No	Name	Evaluation Criteria	Factor	Grade
1	Relevance and Alignment	Evaluate the paper's relevance to the conference theme, topics, and scope. Assess how well the paper addresses the conference's focus and objectives. Consider whether the paper's content is aligned with the conference's overarching goals.	30%	20/100
2	Quality of Research and Methodology	Review the research design, methodology, and data analysis presented in the paper. Evaluate the robustness of the methodology, the appropriateness of the chosen research methods, and the rigor of the analysis. Consider whether the research methods effectively support the paper's objectives.	30%	30/100
3	Contribution and Impact	Assess the paper's contribution to the field and its potential impact. Consider whether the paper offers new insights, challenges existing knowledge, or provides innovative solutions. Evaluate the significance of the findings and the potential implications for research, practice, or policy.	40%	40/100

Average Evaluation score (Average Score of Above Criteria): 31/100

DETAILS RESEARCH PAPER REVIEW CRITERIA

Suggestions for Chair:

I recommend that the paper titled "Automated Testing Framework for Agile Software Development" be reviewed for possible inclusion in our conference proceedings. The paper addresses a significant topic in software engineering, specifically focusing on the development of an automated testing framework tailored for agile software development practices. Given the increasing importance of agile methodologies in modern software development, this paper's content is highly relevant to our conference theme.

Comments for Authors:

I want to express my appreciation for your submission titled "Automated Testing Framework for Agile Software Development." Your work addresses an important topic in the realm of software engineering, focusing on the development of an automated testing framework tailored for agile software development practices. Given the growing significance of agile methodologies in modern software development, your research has the potential to make a valuable contribution to our field.

I understand that revising a paper can be a challenging but essential process. Your paper holds great promise, and addressing these points will significantly enhance its quality and potential for acceptance in our conference proceedings.

Thank you for your dedication to advancing our field, and I eagerly anticipate the revised version of your paper.

Reviewer #2 (Cooper Christian) | Edit Review

RESEARCH PAPER REVIEW CRITERIA

No	Name	Evaluation Criteria	Factor	Grade
1	Relevance and Alignment	Evaluate the paper's relevance to the conference theme, topics, and scope. Assess how well the paper addresses the conference's focus and objectives. Consider whether the paper's content is aligned with the conference's overarching goals.	30%	46/100
2	Quality of Research and Methodology	Review the research design, methodology, and data analysis presented in the paper. Evaluate the robustness of the methodology, the appropriateness of the chosen research methods, and the rigor of the analysis. Consider whether the research methods effectively support the paper's objectives.	30%	46/100
3	Contribution and Impact	Assess the paper's contribution to the field and its potential impact. Consider whether the paper offers new insights, challenges existing knowledge, or provides innovative solutions. Evaluate the significance of the findings and the potential implications for research, practice, or policy.	40%	46/100

Average Evaluation score (Average Score of Above Criteria): 46/100

DETAILS RESEARCH PAPER REVIEW CRITERIA

Suggestions for Chair:

#1 list suggestions for chair

Comments for Authors:

#1 list comments for authors

INFORMATION TECHNOLOGY

Go Back | Go to Decision

- This function requires the user to login to the system with the role “PC Chair”.

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- If has reviews, the system shows a list of reviews of submission. If not, system navigate to “Decision” tab.

b. Decision

- **Function trigger:** PC Chair click on “Go to Decision” button in “Reviews” tab or click on the “Decision” tab.
- **Function description:** PC Chair decide status on submission after reading reviews.
- **Screen layout:**

The screenshot displays the SRASS software interface. At the top, there is a navigation bar with links for Dashboard, Submission, Manuscripts, Users, and Settings. The date and time are shown as 22/10/2023, 5:08:33 PM. On the right, the user role is set to "CHAIR" and the name is Sandra Wolf. A banner at the top indicates the event is "FPTU HCM Student Research Competition 2023 (FU HCM SRC 2023)".

The main content area is titled "Paper Decision Making". It shows details for a paper: Paper ID (0ab7-f34b), Paper title (Automated Testing Framework for Agile Software Development), and Track name (Information Technology). Below this, there are two tabs: "Reviews (5)" and "Decision", with "Decision" being the active tab.

The "Decision" tab contains several sections:

- FACTORS**: A section titled "Factors Affecting Selection" lists nine factors: Relevance to Conference Theme, Quality of Research, Originality and Innovation, Significance and Contribution, Clarity and Coherence, Methodology and Analysis, Contribution to Knowledge, Ethical Considerations, and Resources and Capacity.
- Factors Disqualifying a Research Paper Abstract**: A section listing nine factors: Irrelevance, Poor quality, Lack of Originality, Inadequate Significance, Weak Structure, Flawed Methodology, Ethical Concerns, Incomplete or Inaccurate Data, and Inadequate Analysis.
- DECISION CHECKLIST**: A table with two rows, each containing a checkbox and a name: "Peer Feedback and Expert Input" and "Alignment with Conference Goals".
- FINAL DECISION**: A dropdown menu labeled "Decision: Change paper status to" with options like "Accepted", "Rejected", etc. Below it are "Go Back" and "Submit Decision" buttons. A "INFORMATION TECHNOLOGY" badge is visible on the right.

- This function requires the user to login to the system with the role “**PC Chair**”.
- This function requires: decision checklist must be checked, and final decision must be selected.

3.2.10 <PC Chair and Author> Submission Edits

- **Function trigger:** If selected role is:
 - **PC Chair:**
 - Click “Edit Submission” in the “Submission Console” table action menu.
 - **Author:**
 - Click “Edit Submission” button in the “Author Console” table action column.
- **Function description:** PC Chair or Author can edit information of submission before deadline.
- **Screen layout:**

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 SRASS Submission My Registration
24/09/2023, 5:04:00 PM 

Your Role: AUTHOR - Shree Patel -
FPTU HCM Student Research Competition 2023 (FPT HCM SRC 2023) -

Update Paper Submission
Track: Information Technology

TITLE AND ABSTRACT

Title * A Hybrid Intrusion Detection System using Machine Learning and Rule-based Techniques

Abstract In this research paper, we propose a hybrid intrusion detection system that combines machine learning algorithms with rule-based techniques to enhance the detection accuracy of network invasions. The machine learning models are trained on a large dataset of network traffic to identify anomalous patterns, while the rule-based techniques provide a set of predefined rules to detect specific types of attacks. Experimental results show that the hybrid approach outperforms individual techniques in terms of detection.

AUTHORS *
You may add your collaborators.

First Author	Corresponding	Primary Contact	Email	First Name	Middle Name	Last Name	Organization	Country/Region	Action
	<input checked="" type="checkbox"/>		shree_patel@gmail.com	Shree		Patel	HCM Campus, FPT University	Vietnam	

Email  ADD

DOMAIN CONFLICT

Please enter the domain of each institution (semicolon separated) that authors have a conflict of interest with (example: mit.edu; ox.ac.uk; microsoft.com). More specifically, please list domains of all institutions authors worked for, or have had very close collaboration with, within the last 3 years.

Note: It is important that you also enter the domains of authors' current institutions here since we do not automatically add them to conflicting domains. Please DO NOT enter the domain of email providers such as gmail.com, yahoo.com, hotmail.com and 163.com as institution domains.

Domain * fpt.edu.vn

SUBJECT AREAS *

You must select 1 Primary subject area. You may select up to 3 secondary subject areas.

Primary	Secondary
<input checked="" type="checkbox"/> Artificial Intelligence and Machine Learning	<input type="checkbox"/> Artificial Intelligence and Machine Learning
<input type="checkbox"/> Cybersecurity and Network Security	<input checked="" type="checkbox"/> Cybersecurity and Network Security
<input type="checkbox"/> Virtual Reality and Augmented Reality	<input checked="" type="checkbox"/> Virtual Reality and Augmented Reality
<input type="checkbox"/> Cryptocurrency and Blockchain Technology	<input checked="" type="checkbox"/> Cryptocurrency and Blockchain Technology

FILES

You can upload from 1 to 3 files. Maximum file size is 10 Mb. We accept doc, docx, pdf formats.

File Name	Size (KB)	Upload date	Action
Submission.pdf	0.69	19:33:07 3/9/2023	

 UPLOAD FILES

ADDITIONAL QUESTIONS

1. Are U FPT Student?
Yes or No
 Yes
 No

2. Have you join any conference before?
Please note these conference name

3. Are you a lecturer?
Yes or No
 Yes
 No

4. Are you a scientist?
Yes or No
 Yes
 No

5. Agreement to Adhere to Conference Submission Guidelines
Do you agree to abide by the conference submission guidelines and adhere to the presentation format specified, if your submission is accepted?
 I agree

- This function requires the user to login to the system with the role “PC Chair” or “Author”.
- This function requires: Title, Abstract, Authors, Domain Conflict, Subject Areas, Submission Files, Additional Questions.

Capstone Project Document - Science Research Activity Support System

3.2.11 <PC Chair and Author> New Submission Creation

- **Function trigger:** If selected role is:
 - **PC Chair:**
 - Click “Create New Submission” in the “Action” dropdown button top right of the “Submission Console”.
 - **Author:**
 - Click “Submit paper here link” on top right of the “Author Console”.
- **Function description:** PC Chair or Author can submit new submission in conference.
- **Screen layout:**

The screenshot shows a web-based submission form titled "Create New Paper" for the "Information Technology" track of the "FPTU HCM Student Research Competition 2023". The form includes sections for "TITLE AND ABSTRACT", "AUTHORS", "DOMAIN CONFLICT", "SUBJECT AREAS", "FILES", and "ADDITIONAL QUESTIONS".

TITLE AND ABSTRACT *
Title: Shree
Abstract: Abstract

AUTHORS *
You may add your co-authors.
Email: shree_patre@gmail.com
First Name: Shree
Middle Name: Patre
Last Name: HOM Campus, FPT University
Country/Region: Vietnam
Action: X

DOMAIN CONFLICT *
Please enter the domain of each institution (separated by commas) that authors have a conflict of interest with (example: mit.edu, ox.ac.uk, incresit.com). More specifically, please list domain of all institutions authors worked for, or have had very close collaboration with, within the last 3 years.
Note: It is important not to also enter the domain of author's current institutions here since we do not automatically add them to conflicting domains. Please DO NOT enter the domain of small providers such as gmail.com, yahoo.com, hotmail.com and fpt.com as institution domains.

SUBJECT AREAS *
You must select 1 Primary subject area. You may select up to 3 secondary subject areas.

Primary	Secondary
<input type="checkbox"/> Artificial Intelligence and Machine Learning	<input type="checkbox"/> Artificial Intelligence and Machine Learning
<input type="checkbox"/> Big Data and Data Warehousing	<input type="checkbox"/> Big Data and Data Warehousing
<input type="checkbox"/> Cryptocurrency and Blockchain Technology	<input type="checkbox"/> Cryptocurrency and Blockchain Technology
<input type="checkbox"/> Cybersecurity and Network Security	<input type="checkbox"/> Cybersecurity and Network Security
<input type="checkbox"/> Data Science and Analytics	<input type="checkbox"/> Data Science and Analytics
<input type="checkbox"/> Database Management	<input type="checkbox"/> Database Management
<input type="checkbox"/> Digital Marketing and Online Advertising	<input type="checkbox"/> Digital Marketing and Online Advertising
<input type="checkbox"/> E-commerce and Online Retail	<input type="checkbox"/> E-commerce and Online Retail
<input type="checkbox"/> Internet of Things (IoT)	<input type="checkbox"/> Internet of Things (IoT)
<input type="checkbox"/> IT Project Management	<input type="checkbox"/> IT Project Management
<input type="checkbox"/> Mobile Application Development	<input type="checkbox"/> Mobile Application Development
<input type="checkbox"/> Software Development and Engineering	<input type="checkbox"/> Software Development and Engineering
<input type="checkbox"/> Virtual Reality and Augmented Reality	<input type="checkbox"/> Virtual Reality and Augmented Reality
<input type="checkbox"/> Web Development and Design	<input type="checkbox"/> Web Development and Design

FILES *
You can upload from 1 to 3 files. Maximum file size is 10 Mb. We accept doc, docx, pdf formats.

ADDITIONAL QUESTIONS

1. Are you a FPT Student?
Yes or No
 Yes
 No
2. Have you join any conference before?
Please note these conference name
[Text area]
3. Are you a lecturer?
Yes or No
 Yes
 No
4. Are you a scientist?
Yes or No
 Yes
 No

5. Agreement to Adhere to Conference Submission Guidelines
Do you agree to abide by the conference submission guidelines and adhere to the presentation format specified, if your submission is accepted?
 I agree

Action Buttons: Go Back, Submit Paper

- This function requires the user to login to the system with the role "**PC Chair**" or "**Author**".

Capstone Project Document - Science Research Activity Support System

- This function requires: Title, Abstract, Authors, Domain Conflict, Subject Areas, Submission Files, Additional Questions.

3.2.12 <PC Chair, Author and Reviewer> Submission Summary

- Function trigger:** If selected role is:
 - PC Chair:**
 - Click submission title or click “View Submission” in the “Submission Console” table action menu.
 - Author:**
 - Click submission id in the “Author Console”.
 - Reviewer:**
 - Click submission id in the “Reviewer Console”.
- Function description:** PC Chair, Author or Reviewer can view submission details.
- Screen layout:**

The screenshot shows the SRASS Submission Summary page for Shree Patel. The top navigation bar includes the SRASS logo, Submission, My Registration, Your Role (set to AUTHOR), and Shree Patel. The date and time are 17/09/2023, 5:30:35 PM. The main content area is titled "Submission Summary" and displays the following information:

Conference name	FPTU HCM Student Research Competition 2023
Conference short name	FU HCM SRC 2023
Track name	Information Technology
Paper ID	82c4-63441
Paper title	A Hybrid Intrusion Detection System using Machine Learning and Rule-based Techniques
Abstract	In this research paper, we propose a hybrid intrusion detection system that combines machine learning algorithms with rule-based techniques to enhance the detection accuracy of network intrusions. The machine learning models are trained on a large dataset of network traffic to identify anomalous patterns, while the rule-based techniques provide a set of predefined rules to detect specific types of attacks. Experimental results show that the hybrid approach outperforms individual techniques in terms of detection accuracy and false positive rates.
Created on	September 17th 2023, 5:17:46 PM
Authors	Shree Patel (HCM Campus, FPT University) <shree.patel@gmail.com>
Primary subject areas	Artificial Intelligence and Machine Learning
Secondary subject areas	Cybersecurity and Network Security Virtual Reality and Augmented Reality Cryptocurrency and Blockchain Technology
Domain Conflicts	fpt.edu.vn
Conflicts of interest	Carrie Amelia - ameliaacarter@gmail.com <ul style="list-style-type: none">Has (a) domain conflictsIs/Was a collaborator (in last 2 years) Baker Matthew - matthewbaker@gmail.com <ul style="list-style-type: none">Is a author/co-authorIs a relative or a friend
Submission files	Submission.pdf Download Submissions
Supplementary materials	
Revision files	
Camera Ready files	
Copyright file	
Presentation files	
Submission questions response	<p>1. Are U FPT Student? Yes or No Yes</p> <p>2. Have you join any conference before? Please note these conference name Yes</p> <p>3. Are you a lecturer? Yes or No No</p> <p>4. Are you a scientist? Yes or No No</p> <p>5. Agreement to Adhere to Conference Submission Guidelines Do you agree to abide by the conference submission guidelines and adhere to the presentation format specified, if your submission is accepted? Agreement Accepted</p>

- This function requires the user to login to the system with the role “**PC Chair**” or “**Author**” or “**Reviewer**”.
- Submission question response is not visible for role Reviewer.

Capstone Project Document - Science Research Activity Support System

3.2.13 <PC Chair and Author> Submission Conflict of Interests

- **Function trigger:** If selected role is:
 - **PC Chair:**
 - Click “Edit Conflicts” in the “Submission Console” table action menu.
 - **Author:**
 - Click “Edit Conflicts” button in the “Author Console” table action column.
- **Function description:** PC Chair or Author can choose conflict with reviewer for submission in conference.
- **Screen layout:**

SRASS Submission My Registration
17/09/2023, 5:29:36 PM ⓘ Your Role: AUTHOR Shree Patel ⓘ FPTU HCM Student Research Competition 2023 (FPTU HCM SRC 2023) *

Submission Conflicts of Interest

Paper ID: 8264-63441 ⓘ
Paper title: A Hybrid Intrusion Detection System using Machine Learning and Rule-based Techniques
Track name: Information Technology

61 users in total					
Full Name	Email	Organization	Selected Conflicts	Conflicts	Actions
Adams Natale	nataleadams@gmail.com	Cliffcrest College	No		...
Alessandro Muci	alessandro_muci@gmail.com	Hutech University	No		...
Allen Joshua	joshuaallen@email.com	Mountcrest University	No		...
Anderson William	williamanderson@email.com	Lakefront University	No		...
Avery Wright	avery.g.wright@gmail.com	Misty Mountain College	No		...

Rows per page: 5 ⓘ 1-5 of 61 ⌂ ⌃ ⌄ ⌅ ⌆ ⌇

Go Back Save Changes

- This function requires the user to login to the system with the role “**PC Chair**” or “**Author**”.
- This function allows update list of conflicts for each reviewer. PC Chair or Author can click more menu in Actions column to choose conflicts for reviewer.

3.2.14 <PC Chair> Author Notification Track Selection

- **Function trigger:** PC Chair click “Author Notification” in the “Action” dropdown button top right of the “Submission Console”.
- **Function description:** PC Chair choose track needs to send notification.
- **Screen layout:**

SRASS Dashboard Submission Manuscripts Users Settings Your Role: CHAIR Sandra Wolf ⓘ FPTU HCM Student Research Competition 2023 (FPTU HCM SRC 2023) *

Author Notification Wizard

1 Choose tracks 2 Email settings 3 Review 4 Preview

Choose tracks

Select	Track	Number of Submissions
<input checked="" type="radio"/>	Information Technology	60
<input type="radio"/>	Business Administration	0
<input type="radio"/>	Graphic Design - Multimedia Communications	0
<input type="radio"/>	Linguistics	0

Rows per page: 10 ⓘ 1-4 of 4 ⌂ ⌃ ⌄ ⌅ ⌆ ⌇

Cancel Previous Next INFORMATION TECHNOLOGY

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- This function requires the user to login to the system with the role “**PC Chair**”.
- This function requires PC Chair to choose 1 track to continue next step.

3.2.15 <PC Chair> Author Notification Email Setting

a. Email Setting

- **Function trigger:** PC Chair click “Next” button in “Author Notification Track Selection” page.
- **Function description:** PC Chair can select recipient's option, create/edit email template and select the email template to send for submissions based on the decision status.
- **Screen layout:**

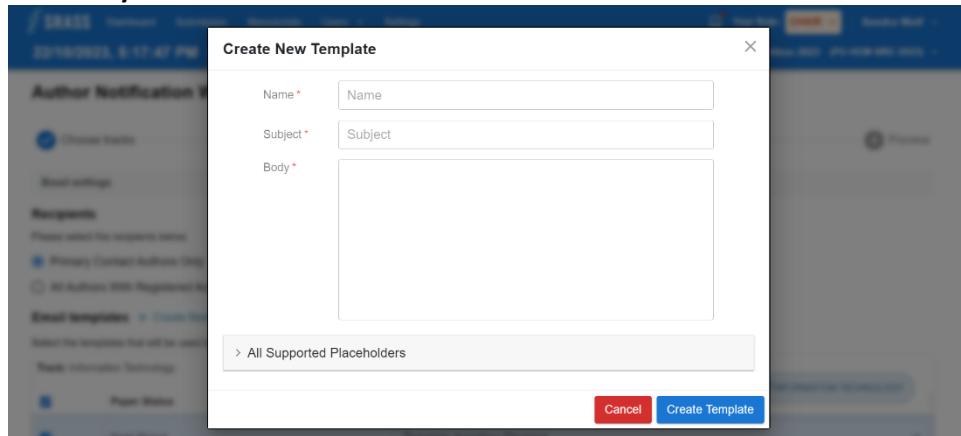
The screenshot shows the "Author Notification Wizard" interface. The top navigation bar includes "SRASS", "Dashboard", "Submission", "Manuscripts", "Users", "Settings", "Your Role: CHAIR", and "Sandra Wolf". A banner at the top right says "FPTU HCM Student Research Competition 2023 (FU HCM SRC 2023)". The main area is titled "Author Notification Wizard" and shows the second step: "Email settings". It has four numbered steps: 1 Choose tracks, 2 Email settings, 3 Review, and 4 Preview. Step 2 is active. Under "Email settings", there is a "Recipients" section with a note to "Please select the recipients below." and two radio button options: "Primary Contact Authors Only" (selected) and "All Authors With Registered Account". Below that is an "Email templates" section with a "Create New Template" button and an "Edit Template" link. A table lists "Paper Status" (Desk Reject, Accept, Revision, Reject) and their corresponding "Email Template" (Template Desk Reject, Template Accept, Template Revision, Template Reject). At the bottom are "Cancel", "Previous", and "Next" buttons, along with a "INFORMATION TECHNOLOGY" badge.

- This function requires the user to login to the system with the role “**PC Chair**”.
- This function requires PC Chair to choose at least 1 status to continue next step.

b. Create Email Template

- **Function trigger:** Click “Create New Template” button in “Email Setting” page.
- **Function description:** This function allows create new email template for conference. If selected role is:
 - **PC Chair:**
 - Email template created by PC Chair will appear for all tracks within conference.

- **Screen layout:**



- This function requires the user to login to the system with the role “**PC Chair**”.
- PC Chair fill in all required fields and then click “Create Template” to create new or click “Cancel” to close modal.
- PC Chair can use all supported placeholders to map information related to conference such as: Conference Name, Submission Title, Recipient Last Name, Recipient First Name, etc...

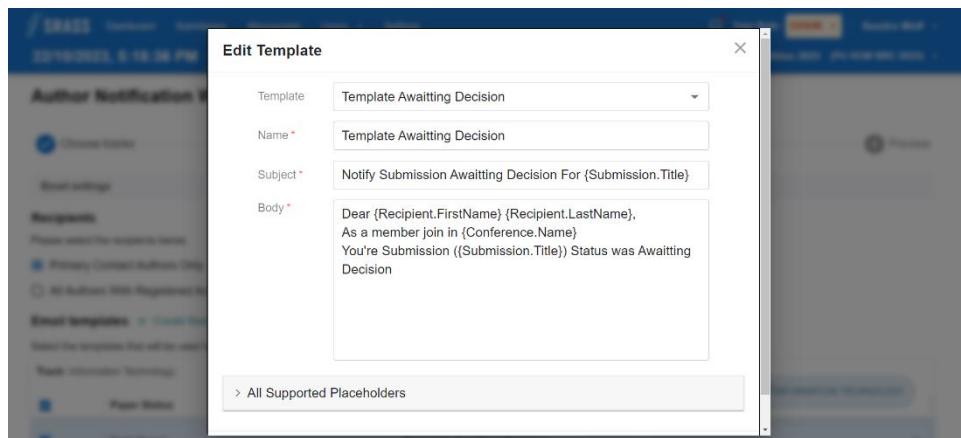
c. **Edit Email Template**

- **Function trigger:** Click “Edit Template” button in “Email Setting” page.
- **Function description:** This function allows edit email template in conference. If selected role is:

- **PC Chair:**

- Can edit email template in conference.

- **Screen layout:**



- This function requires the user to login to the system with the role “**PC Chair**”.
- PC Chair can select template name and edit fields. Then click “Update Template” to update new information or click “Cancel” to close modal.

3.2.16 <PC Chair> Author Notification Email Reviewing

- **Function trigger:** PC Chair click “Next” button in “Author Notification Email Setting” page.
- **Function description:** PC Chair can view total emails and number of emails sent to submissions of each decision status.

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- **Screen layout:**

The screenshot shows a web-based application interface for the "Author Notification Wizard". At the top, there is a navigation bar with links for "Dashboard", "Submission", "Manuscripts", "Users", "Settings", and "Your Role: CHAIR". Below the navigation bar, the date and time are displayed as "22/10/2023, 5:19:38 PM". On the right side of the header, there is a user profile for "Sandra Wolf" and a message about the "FPTU HCM Student Research Competition 2023 (FU HCM SRC 2023)".

The main content area is titled "Author Notification Wizard" and has a sub-section titled "Review". There are four numbered steps at the top: "Choose tracks" (step 1), "Email settings" (step 2), "Review" (step 3), and "Preview" (step 4). The "Review" step is currently active.

Below the steps, there is a section titled "Author Notification activity deadline" with a note: "For all the tracks mentioned below the "Author Notification" activity will be marked as "Completed" and the deadline will be set to a date in past." A sub-section titled "Emails" indicates that "Total of 60 emails will be sent to the primary contact authors only of 60 papers." A specific category, "Information Technology", is selected.

A table titled "Information Technology" displays the following data:

Paper Status	Number of Submissions	Number of Emails to Send
Accept	12	12
Desk Reject	1	1
Revision	16	16
Reject	31	31

Total Submission: 60 Total Emails Send 60

At the bottom of the page, there are buttons for "Cancel", "Previous", and "Next". A blue button labeled "INFORMATION TECHNOLOGY" is also present.

- This function requires the user to login to the system with the role "**PC Chair**".

3.2.17 <PC Chair> Author Notification Previewing

- **Function trigger:** PC Chair click "Next" button in "Author Notification Email Reviewing" page.
- **Function description:** PC Chair can preview list of authors to send emails corresponding with specific paper status.
- **Screen layout:**

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The screenshot shows the "Author Notification Wizard" interface. At the top, there are four checkboxes: "Choose tracks" (checked), "Email settings" (checked), "Review" (checked), and "Preview" (unchecked). Below these are four tables:

- Desk Reject:**

From Name	From Email	To Name	To Email	Subject	Actions
Sandra	sandra_wolf@gmail.com	Patel Shree	shree_patel@gmail.com	Notify Submission Awaiting D...	(eye icon)
- Accept:**

From Name	From Email	To Name	To Email	Subject	Actions
Sandra	sandra_wolf@gmail.com	Cox Henry	henry.a.cox@gmail.com	Notify Submission Accept For ...	(eye icon)
Sandra	sandra_wolf@gmail.com	Collins Lily	lily.g.collins@gmail.com	Notify Submission Accept For ...	(eye icon)
Sandra	sandra_wolf@gmail.com	Wright Zoey	zoey.r.wright@gmail.com	Notify Submission Accept For ...	(eye icon)
Sandra	sandra_wolf@gmail.com	Patel Shree	shree_patel@gmail.com	Notify Submission Accept For ...	(eye icon)
Sandra	sandra_wolf@gmail.com	Parker Natalia	natalia.c.parker@gmail.com	Notify Submission Accept For ...	(eye icon)
- Revision:**

From Name	From Email	To Name	To Email	Subject	Actions
Sandra	sandra_wolf@gmail.com	Hall Alexander	alexander.j.hall@gmail.com	Notify Submission Revision F...	(eye icon)
Sandra	sandra_wolf@gmail.com	Patel Shree	shree_patel@gmail.com	Notify Submission Revision F...	(eye icon)
Sandra	sandra_wolf@gmail.com	Anderson Isabella	isabella.c.anderson@gmail.com	Notify Submission Revision F...	(eye icon)
Sandra	sandra_wolf@gmail.com	Taylor William	william.a.taylor@gmail.com	Notify Submission Revision F...	(eye icon)
Sandra	sandra_wolf@gmail.com	Lewis Harper	harper.e.lewis@email.com	Notify Submission Revision F...	(eye icon)
- Reject:**

From Name	From Email	To Name	To Email	Subject	Actions
Sandra	sandra_wolf@gmail.com	Cooper Penelope	penelope.g.cooper@gmail.com	Notify Submission Reject For ...	(eye icon)
Sandra	sandra_wolf@gmail.com	King Elizabeth	elizabeth.r.king@gmail.com	Notify Submission Reject For ...	(eye icon)
Sandra	sandra_wolf@gmail.com	Russell Sofia	sofia.g.russell@gmail.com	Notify Submission Reject For ...	(eye icon)
Sandra	sandra_wolf@gmail.com	Young Matthew	matthew.b.young@gmail.com	Notify Submission Reject For ...	(eye icon)
Sandra	sandra_wolf@gmail.com	White David	david.a.white@email.com	Notify Submission Reject For ...	(eye icon)

At the bottom, there are buttons: "Cancel", "Previous", "Send", and a "INFORMATION TECHNOLOGY" link.

- This function requires the user to login to the system with the role “**PC Chair**”.
- The system returns tables with detailed information of each email sent with each decision status.

The screenshot shows a modal window titled "Email Details". It contains the following fields:

- From:** Sandra
- From Email:** sandra_wolf@gmail.com
- To Name:** henry.a.cox@email.com
- To Email:** henry.a.cox@email.com
- Subject:** Notify Submission Accept For Personalized Recommendation Systems for E-commerce Platforms
- Body:**

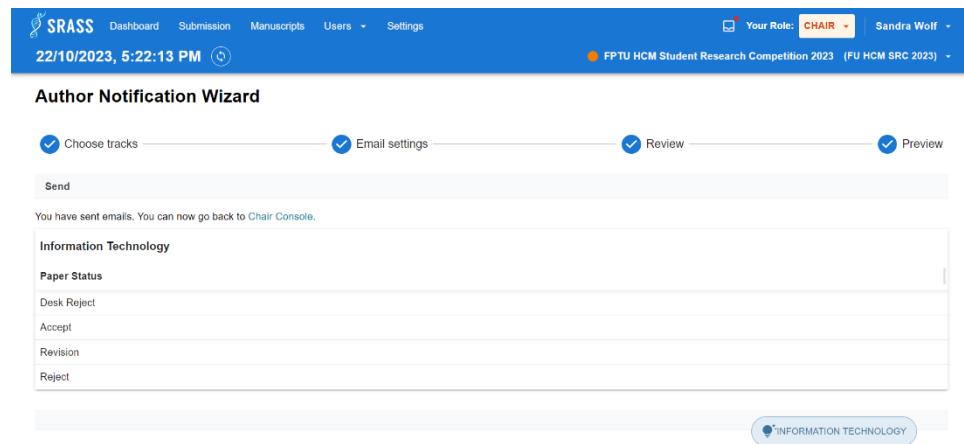
The body preview shows:

```
Dear Henry Cox,
As a member join in FPTU HCM Student Research Competition 2023
Your's Submission (Personalized Recommendation Systems for E-commerce Platforms) Status was Accept
```

- PC Chair can click on button on each row to view popup of full detail email.
- PC Chair click button “Send” to send emails.

3.2.18 <PC Chair and Author> Author Notification Send Email

- **Function trigger:** PC Chair click “Send” button in “Author Notification Previewing” page.
- **Function description:** PC Chair can view which selected paper statuses has been sent to authors.
- **Screen layout:**



- This function requires the user to login to the system with the role “**PC Chair**”.

3.2.19 <PC Chair and Author> Upload Revision

- **Function trigger:** If selected role is:
 - **PC Chair:**
 - Click “Upload Revision” in the “Submission Console” table action menu.
 - **Author:**
 - Click “Upload Revision” button in the “Author Console” table action column.
- **Function description:** PC Chair and Author can upload revision file for submission paper.
- **Screen layout:**

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Paper ID: 0ab7-ff34b
Paper title: Automated Testing Framework for Agile Software Development
Track name: Information Technology

Reviewer #1

Reviewer Reviews
Average Evaluation score (Average Score of Above Criteria): 46/100
Comments for Authors:
#1 1st comments for authors

Reviewer #2

Reviewer Reviews
Average Evaluation score (Average Score of Above Criteria): 60/100
Comments for Authors:
#2 1st comments for authors

Reviewer #3

Reviewer Reviews
Average Evaluation score (Average Score of Above Criteria): 60/100
Comments for Authors:
#3 1st comments for authors

Reviewer #4

Reviewer Reviews
Average Evaluation score (Average Score of Above Criteria): 49/100
Comments for Authors:
#4 1st comments for authors

Reviewer #5

Reviewer Reviews
Average Evaluation score (Average Score of Above Criteria): 31/100
Comments for Authors:
I want to express my appreciation for your submission titled "Automated Testing Framework for Agile Software Development." Your work addresses an important topic in the realm of software engineering, focusing on the development of an automated testing framework tailored for agile software development practices. Given the growing significance of agile methodologies in modern software development, your research has the potential to make a valuable contribution to our field.
I understand that revising a paper can be a challenging but essential process. Your paper holds great promise, and addressing these points will significantly enhance its quality and potential for acceptance in our conference proceedings.
Thank you for your dedication to advancing our field, and I eagerly anticipate the revised version of your paper.

FILES
You can upload from 1 to 3 files. Maximum file size is 10 Mb. We accept doc, docx, pdf formats.

I, Shree Patel, have thoroughly reviewed the feedback and made the necessary edits as per the requirements, in preparation for submitting the revision.

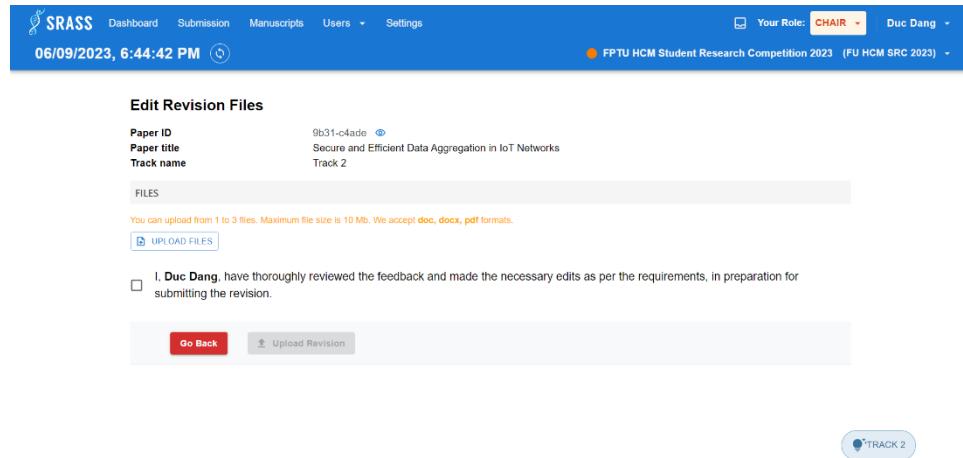
- This function requires the user to login to the system with the role “PC Chair” or “Author”.
- PC Chair or Author can view list of reviews included: average evaluation score, and comments for authors.
- This function requires submitting a revision file and selecting checkbox to confirm that feedback has been read carefully. Then click button “Upload Revision” to submit revision.

3.2.20 <PC Chair and Author> Edit Revision

- **Function trigger:** If selected role is:
 - **PC Chair:**
 - Click “Edit Revision” in the “Submission Console” table action menu.
 - **Author:**

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- Click “Edit Revision” button in the “Author Console” table action column.
- **Function description:** PC Chair and Author can edit revision of submission.
- **Screen layout:**

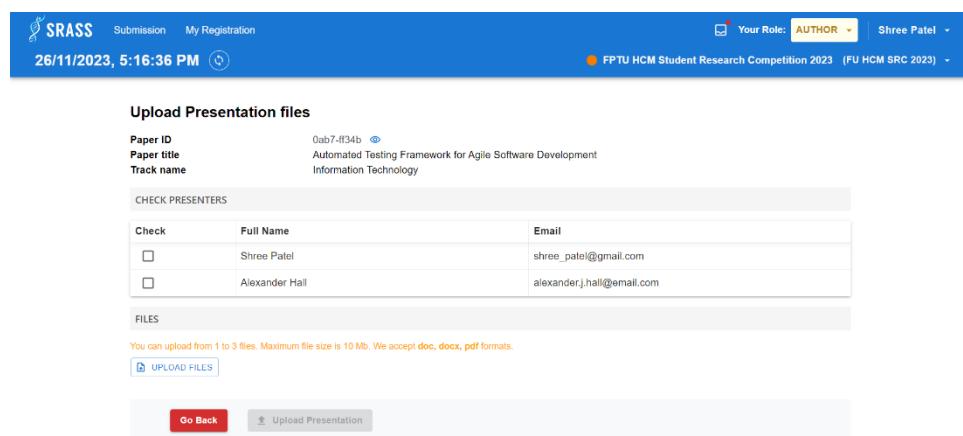


The screenshot shows the 'Edit Revision Files' page of the SRASS system. At the top, there's a header with the logo, 'SRASS', and navigation links: Dashboard, Submission, Manuscripts, Users, Settings, and a date/time stamp (06/09/2023, 6:44:42 PM). On the right, it shows 'Your Role: CHAIR' and a dropdown for 'Duc Dang'. Below the header, the page title is 'Edit Revision Files'. It displays submission details: Paper ID (9b31-c4ade), Paper title (Secure and Efficient Data Aggregation in IoT Networks), and Track name (Track 2). There's a 'FILES' section with a note about file upload rules and a 'UPLOAD FILES' button. A checkbox is checked, indicating the user has reviewed the feedback. At the bottom, there are 'Go Back' and 'Upload Revision' buttons, and a 'TRACK 2' badge is visible in the top right corner.

- This function requires the user to login to the system with the role “**PC Chair**” or “**Author**”.

3.2.21 <PC Chair and Author> Upload Presentation

- **Function trigger:** After request for presentation is enabled by PC Chair for submission. If selected role is:
 - **PC Chair:**
 - Click “Upload Presentation” in the “Manuscripts” table action menu.
 - **Author:**
 - Click “Upload Presentation” button in the “Author Console” table action column.
- **Function description:** PC Chair and Author can upload presentation file when the submission has been requested for presentation, and the conference has reached the [Open for Presentation Submission] phase.
- **Screen layout:**



The screenshot shows the 'Upload Presentation files' page of the SRASS system. At the top, there's a header with the logo, 'SRASS', and navigation links: Submission, My Registration, and a date/time stamp (26/11/2023, 5:16:36 PM). On the right, it shows 'Your Role: AUTHOR' and a dropdown for 'Shree Patel'. Below the header, the page title is 'Upload Presentation files'. It displays submission details: Paper ID (0ab7-ff34b), Paper title (Automated Testing Framework for Agile Software Development), and Track name (Information Technology). There's a 'CHECK PRESENTERS' section with a table showing two presenters: Shree Patel and Alexander Hall, each with a checkbox next to their names. A 'FILES' section with a note about file upload rules and a 'UPLOAD FILES' button follows. At the bottom, there are 'Go Back' and 'Upload Presentation' buttons.

- This function requires the user to login to the system with the role “**PC Chair**” or “**Author**”.

- This function requires to select presenters and upload presentation file. Then click button “Upload Presentation” to submit.

3.2.22 <PC Chair and Author> Edit Presentation

- Function trigger:** If selected role is:
 - PC Chair:**
 - Click “Edit Presentation” in the “Manuscripts” table action menu.
 - Author:**
 - Click “Edit Presentation” button in the “Author Console” table action column.
- Function description:** PC Chair and Author can edit presentation of submission.
- Screen layout:**

Check	Full Name	Email
<input checked="" type="checkbox"/>	Vu Long Ly	vull@fe.edu.vn
<input type="checkbox"/>	Tuan Dinh Luu	tuanid@fe.edu.vn

- This function requires the user to login to the system with the role “**PC Chair**” or “**Author**”.

3.2.23 <PC Chair and Author> Create Camera Ready

- Function trigger:** After request for camera ready is enabled by PC Chair for submission. If selected role is:
 - PC Chair:**
 - Click “Create Camera Ready” in the “Manuscripts” table action menu.
 - Author:**
 - Click “Create Camera Ready” button in the “Author Console” table action column.
- Function description:** PC Chair and Author can submit camera ready and copyright file when the submission has been requested for camera ready, and the conference has reached the [Open for Camera Ready Submission] phase.
- Screen layout:**

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The screenshot shows the SRASS submission interface. At the top, there's a header with the logo, 'Submission', 'My Registration', 'Your Role: AUTHOR', 'Shree Patel', and a dropdown for 'FPTU HCM Student Research Competition 2023 (FPTU HCM SRC 2023)'. Below the header, the main form is titled 'Create Camera Ready Submission'. It includes fields for 'Paper ID' (0ab7-f34b) and 'Track' (Information Technology). The 'TITLE AND ABSTRACT' section contains a title ('Automated Testing Framework for Agile Software Development') and an abstract describing the framework's purpose and effectiveness. The 'AUTHORS' section lists two authors: Shree Patel (HCM Campus, FPT University, Vietnam) and Alexander Hall (Brookside University, USA). There's also a 'CHECK LIST' section with items like 'Revise and Finalize' and 'Submit all REQUIRED materials with technical requirements'. The 'FILES' section allows for file uploads. At the bottom, there are 'Go Back' and 'Submit Camera Ready' buttons.

- This function requires the user to login to the system with the role “**PC Chair**” or “**Author**”.
- PC Chair and Author requires to submit presentation and copyright files. Then click button “Submit Camera Ready” to submit.

3.2.24 <PC Chair and Author> Edit Camera Ready

- **Function trigger:** If selected role is:
 - **PC Chair:**
 - Click “Edit Camera Ready” in the “Manuscripts” table action menu.
 - **Author:**
 - Click “Edit Camera Ready” button in the “Author Console” table action column.
- **Function description:** PC Chair and Author can edit camera ready file or copyright file of submission.
- **Screen layout:**

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The screenshot shows the SRASS submission interface. At the top, there are navigation links for 'Submission' and 'My Registration'. The date and time '15/11/2023, 9:47:16 PM' are displayed. On the right, the user's role is set to 'AUTHOR' and the name 'Anh Nguyen' is shown. A banner at the top right indicates 'FPTU HCM Student Research Competition 2023 (FPT HCM SRC 2023)'.

Edit Camera Ready Submission

Paper ID: 0b31-e4ade | Paper Track: Information Technology

TITLE AND ABSTRACT

Title: Secure and Efficient Data Aggregation in IoT Networks

Abstract: This research paper addresses the challenges of secure and efficient data aggregation in IoT networks. We propose a lightweight cryptographic scheme that ensures data privacy and integrity during the aggregation process. The scheme utilizes homomorphic encryption and secure aggregation protocols to enable efficient and secure data aggregation in resource-constrained IoT devices.

AUTHORS
You may add your collaborators.

First Author	Corresponding	Primary Contact	Email	First Name	Middle Name	Last Name	Organization	Country/Region	Action
<input checked="" type="radio"/>	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>	anhnh@fpt.edu.vn	Anh	Hoang	Nguyen	Ho Chi Minh Campus, FPT University	Vietnam	X
<input type="radio"/>	<input type="checkbox"/>	<input type="radio"/>	anhdt@fpt.edu.vn	Anh	Ha	Do	Ho Chi Minh Campus, FPT University	Vietnam	X

Email: + Add

CHECK LIST

Check	Name
<input checked="" type="checkbox"/>	Revise and Finalize
<input checked="" type="checkbox"/>	Submit all REQUIRED materials with technical requirements

FILES
You can upload from 1 to 3 files. Maximum file size is 10 Mb. We accept doc, docx, pdf formats.

File Name	Size (KB)	Upload date	Action
sample-camera-ready.pdf	3020.33	23:31:12 24/9/2023	X

UPLOAD FILES

COPYRIGHT FILES
You must upload 1 files. We accept doc, docx, pdf formats.

File Name	Size (KB)	Upload date	Action
sample-copyright.pdf	1168.50	23:31:12 24/9/2023	X

UPLOAD FILES

Go Back | Save Changes

- This function requires the user to login to the system with the role “**PC Chair**” or “**Author**”.

3.2.25 <PC Chair> PC Chair View Review

- Function trigger:** PC Chair click “View Review” in the “Submission Console” table action menu.
- Function description:** PC Chair can view reviewers' reviews of submission with content such as scores, suggestions for the PC Chair, and comments for the author.
- Screen layout:**

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SRASS Dashboard Submission Manuscripts Users Settings
06/09/2023, 7:44:48 PM 🔍

Your Role: CHAIR ▾ Duc Dang ▾
Thirty-eighth National Convention of Mechanical Engineers (DCA) ▾

View Reviews

Paper ID: 001-0001-0000-0000
Paper title: Fraud Detection in E-commerce Transactions using Machine Learning
Track name: Track 2

Reviewer #1 (Rang Minh Le) | Edit Review

RESEARCH PAPER REVIEW CRITERIA

No	Name	Evaluation Criteria	Factor	Grade
1	Relevance and Alignment	Evaluate the paper's relevance to the conference theme, topics, and scope. Assess how well the paper addresses the conference's focus and objectives. Consider whether the paper's content is aligned with the conference's overarching goals.	30%	83/100
2	Quality of Research and Methodology	Review the research design, methodology, and data analysis presented in the paper. Evaluate the robustness of the methodology, the appropriateness of the chosen research methods, and the rigor of the analysis. Consider whether the research methods effectively support the paper's objectives.	30%	83/100
3	Contribution and Impact	Assess the paper's contribution to the field and its potential impact. Consider whether the paper offers new insights, challenges existing knowledge, or provides innovative solutions. Evaluate the significance of the findings and the potential implications for research, practice, or policy.	40%	83/100

Average Evaluation score (Average Score of Above Criteria): 83/100

DETAILS RESEARCH PAPER REVIEW CRITERIA

Suggestions for Chair:
#11 1st suggestions for chair

Comments for Authors:
#12 1st comments for authors

Reviewer #2 (Thuan Nhan Truong) | Edit Review

RESEARCH PAPER REVIEW CRITERIA

No	Name	Evaluation Criteria	Factor	Grade
1	Relevance and Alignment	Evaluate the paper's relevance to the conference theme, topics, and scope. Assess how well the paper addresses the conference's focus and objectives. Consider whether the paper's content is aligned with the conference's overarching goals.	30%	88/100
2	Quality of Research and Methodology	Review the research design, methodology, and data analysis presented in the paper. Evaluate the robustness of the methodology, the appropriateness of the chosen research methods, and the rigor of the analysis. Consider whether the research methods effectively support the paper's objectives.	30%	88/100
3	Contribution and Impact	Assess the paper's contribution to the field and its potential impact. Consider whether the paper offers new insights, challenges existing knowledge, or provides innovative solutions. Evaluate the significance of the findings and the potential implications for research, practice, or policy.	40%	88/100

Average Evaluation score (Average Score of Above Criteria): 88/100

DETAILS RESEARCH PAPER REVIEW CRITERIA

Suggestions for Chair:
#11 1st suggestions for chair

Comments for Authors:
#12 1st comments for authors

Reviewer #3 (Tien Thi Cam Vu) | Edit Review

RESEARCH PAPER REVIEW CRITERIA

No	Name	Evaluation Criteria	Factor	Grade
1	Relevance and Alignment	Evaluate the paper's relevance to the conference theme, topics, and scope. Assess how well the paper addresses the conference's focus and objectives. Consider whether the paper's content is aligned with the conference's overarching goals.	30%	82/100
2	Quality of Research and Methodology	Review the research design, methodology, and data analysis presented in the paper. Evaluate the robustness of the methodology, the appropriateness of the chosen research methods, and the rigor of the analysis. Consider whether the research methods effectively support the paper's objectives.	30%	82/100
3	Contribution and Impact	Assess the paper's contribution to the field and its potential impact. Consider whether the paper offers new insights, challenges existing knowledge, or provides innovative solutions. Evaluate the significance of the findings and the potential implications for research, practice, or policy.	40%	82/100

Average Evaluation score (Average Score of Above Criteria): 82/100

DETAILS RESEARCH PAPER REVIEW CRITERIA

Suggestions for Chair:
#10 1st suggestions for chair

Comments for Authors:
#10 1st comments for authors

TRACK 2

Go Back

- This function requires the user to login to the system with the role “PC Chair”.
- PC Chair can view list of reviews included: list of review criteria, average evaluation score, suggestion for PC Chair, comments for authors.

3.2.26 <PC Chair and Reviewer> Edit Review

- **Function trigger:** If selected role is:
 - PC Chair:

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- Click “Edit Review” in the “Submission Console” table action menu.
- **Author:**
 - Click “Edit Review” button in the “Reviewer Console” table action column.
- **Function description:** PC Chair and Reviewer can edit review for submission.
- **Screen layout:**

RESEARCH PAPER REVIEW CRITERIA					
Order	Criteria Title	Evaluation Criterion	Grade	Grade Level	Weight (%)
1	Relevance and Alignment	Evaluate the paper's relevance to the conference theme, topics, and scope. Assess how well the paper addresses the conference's focus and objectives. Consider whether the paper's content is aligned with the conference's overarching goals.	83	100	30
2	Quality of Research and Methodology	Review the research design, methodology, and data analysis presented in the paper. Evaluate the robustness of the methodology, the appropriateness of the chosen research methods, and the rigor of the analysis. Consider whether the research methods effectively support the paper's objectives.	83	100	30
3	Contribution and Impact	Assess the paper's contribution to its field and its potential impact. Consider whether the paper offers new insights, challenges existing knowledge, or provides innovative solutions. Evaluate the significance of the findings and the potential implications for research, practice, or policy.	83	100	40

Average Evaluation score (Average Score of Above Criteria)

REVIEW SUGGESTION FOR CHAIR
#12 1st suggestions for chair

 I, Duc Dang, agree that my submitting score is completely fair and accurate.

REVIEWER(S) COMMENT TO AUTHORS
#12 1st comments for authors

Go Back TRACK 2

- This function requires the user to login to the system with the role “**PC Chair**” or “**Reviewer**”.
- PC Chair or Author can edit grades, suggestion for PC Chair, comment for authors.
- This function requires selecting checkbox to confirm that score submitting is fair and accurate. Then click button “Save Changes” to submit review.

3.2.27 <PC Chair> Conference Users

a. Manage Conference Users

- **Function trigger:** PC Chair click on the “Users” dropdown and select “Conference User” on header.
- **Function description:** PC Chair can manage conference user.
- **Screen layout:**

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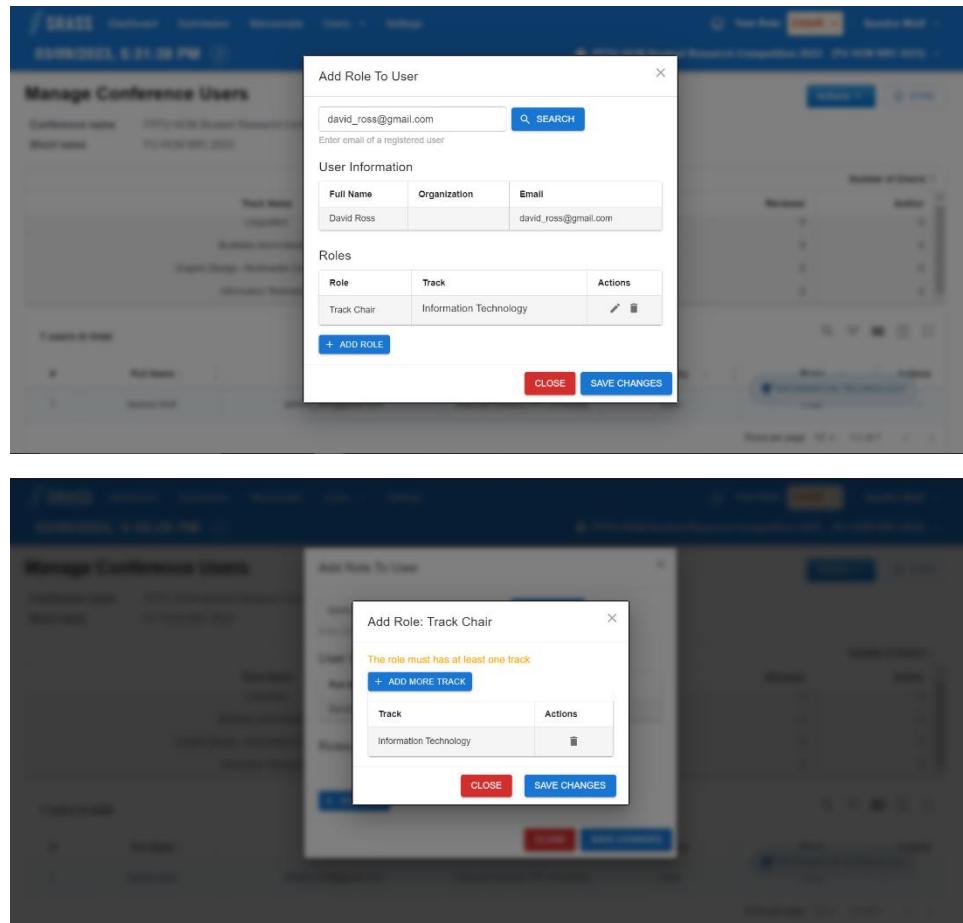
The screenshot shows the SRASS software interface. At the top, there is a navigation bar with links for Dashboard, Submission, Manuscripts, Users, and Settings. The date and time are displayed as 10/10/2023, 10:11:44 PM. On the right, it shows 'Your Role: CHAIR' and 'Duc Dang'. A banner at the top right indicates 'FPTU HCM Student Research Competition 2023 (FU HCM SRC 2023)'. Below the header, the title 'Manage Conference Users' is shown. Under 'Conference name', it lists 'FPTU HCM Student Research Competition 2023' and 'Short name FU HCM SRC 2023'. A table titled 'Number of Chairs: 2' shows the distribution of chairs across four tracks: Business Administration (1 chair), Information Technology (1 chair, 27 reviewers, 39 authors), Linguistics (1 chair, 0 reviewers, 0 authors), and Graphic Design - Multimedia Communications (1 chair, 0 reviewers, 0 authors). Below this, a table lists 64 users in total, including columns for #, Full Name, Email, Organization, Country, Roles, and Actions. One user, 'Anh Hoang Nguyen', is highlighted with a blue circle and labeled 'INFORMATION TECHNOLOGY'. At the bottom, there are pagination controls for rows per page (10) and page number (1-10 of 64).

- This function requires the user to login to the system with the role “**PC Chair**”.
- This function returns a list of all users of the conference included: Full Name, Email, Organization, Country, Roles.

b. Add user to conference

- **Function trigger:**
 - PC Chair click “Add user to conference” in the “Action” dropdown button top right of the “Manage Conference Users” page to show pop-up to search user by email.
 - After searching the user needed to add by email, PC Chair will click on button “Add Role” to add roles such as **Reviewer**, **Author**, **PC Chair**.
 - After choosing role, the pop-up choose track will show up and PC Chair will add user with role to tracks. Then click button “Save Changes” to add user to conference.
- **Function description:** PC Chair can add user to conference by email and select role for user in track of conference.
- **Screen layout:**

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- This function requires the user to login to the system with the role "**PC Chair**".
- PC Chair will search for user by email and select roles. If selected role is:
 - **PC Chair:**
 - There is no need to select a track for the user to proceed with adding.
 - **Reviewer/Author/PC Chair:**
 - Must select at least 1 track for user to proceed with adding.
- When clicking "Save Changes", if success, it will return to "Manage Conference Users" screen, else, error message will show.

3.2.28 <PC Chair> Reviewer Management

- **Function trigger:** PC Chair click on the "Users" dropdown and select "Manage Reviewer" on header.
- **Function description:** PC Chair can view list of reviewers and statistic related reviewers in conference.
- **Screen layout:**

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Track Name	Number of Reviewer	Reviewer Assigned	Reviewer Not Assigned	Reviewer Reviewed All	Reviewer Not Review Any	Reviewer Reviewed Partly
Information Technology	61	61	0	61	0	61
Business Administration	1	0	1	0	0	0
Graphic Design - Multimedia Communications	1	0	1	0	0	0
Linguistics	1	0	1	0	0	0

All Reviewer Assignment Finished: All Assigned: All

#	ID	Reviewers	Quota	Domain Conflict	Assigned	Progress	Actions
1	9cb5-c59ef	Alessandro Mud (alessandro_muc@gmail.com) Organization: Hutch University Country: Vietnam	10		9	9/9 100%	
2	4b89-a0ac5	Sanchez Henry (henryresearcher@gmail.com) Organization: Brookcrest University Country: Canada		bro.uni.edu	9	9/9 100%	
3	0879-d591	Rodriguez Nash (nashrodriguez@gmail.com) Organization: Hillside University Country: Australia		hil.uni.edu	8	8/8 100%	
4	dfbc-2f71d	Nelson Elijah (elijahnelson@gmail.com) Organization: Riverwood University Country: Brazil		riv.uni.edu	8	8/8 100%	
5	4d60-3fd9	Wright Ava (awawright@gmail.com) Organization: Bayrest College Country: Australia		bay.uni.edu	8	8/8 100%	
6	413a-941dd	Mitchell Grace (grace.mitchell@gmail.com) Organization: Beachfront College Country: Mexico		bea.uni.edu	8	8/8 100%	
7	e706-577d0	Ramirez Ryan (ryanramirez@gmail.com) Organization: Lakecrest University Country: Canada		lak.uni.edu	8	8/8 100%	
8	68dc-0a585	Harper Lewis (harper.e.lewis@gmail.com) Organization: Beachfront College Country: Mexico		bea.uni.edu	8	8/8 100%	

Rows per page: 15 1-15 of 64 < > >>

- This function requires the user to login to the system with the role “PC Chair”.
- PC Chair can view all tracks' statistic in system included: Track name, Number of reviewers, Number of reviewers assigned, Number of reviewers not assigned, Number of reviewers reviewed all, Number of reviewers not review any, Number of reviewers reviewed partly.
- This function returns a list of all reviewers of the conference included: ID, Reviewer Full name, Reviewer email, Reviewer organization, Quota, Primary subject area, Secondary subject area, Domain conflict, Number of assigned, Review progress.

3.2.29 <PC Chair> View Reviewer Assignment Report

- **Function trigger:** PC Chair click on button in the “Reviewer Management” table action column.
- **Function description:** PC Chair can view detail of reviewer.
- **Screen layout:**

Capstone Project Document - Science Research Activity Support System

View Reviewer Assignment Report

Reviewer Alessandro Muci (alessandro_muci@gmail.com)

Assigned review 9/9

Quota

All Submissions (9) Reviewed Submissions (9)

#	Paper ID	Title	Track	Authors	Files	Score
1	8672-ft34b	Exploring the Impact of Blockchain on Supply Chain Transparency	Information Technology	<ul style="list-style-type: none"> Alexander Hall (alexander_j.hall@gmail.com) Organization: Brookside University Ava Miller (ava.g.miller@gmail.com) Organization: Rockwell College 	Submission Files: Download Submission Revision Files No.1 Download Revision	90
2	0ab7-ft34b	Automated Testing Framework for Agile Software Development	Information Technology	<ul style="list-style-type: none"> Shree Patel (shree.patel@gmail.com) Organization: HCM Campus, FPT University Alexander Hall (alexander_j.hall@gmail.com) Organization: Brookside University 	Submission Files: Download Submission Revision Files No.1 Download Revision	69
3	7ctb-ft34b	Secure Mobile Payment Systems using Biometric Authentication	Information Technology	<ul style="list-style-type: none"> Penelope Cooper (penelope.g.cooper@gmail.com) Organization: Meadowview College Ryan Edwards (ryan.j.edwards@gmail.com) Organization: Summitview University 	Submission Files: Download Submission	40

Rows per page: 15 ▾ 1-9 of 9 < >

Go Back

INFORMATION TECHNOLOGY

- This function requires the user to login to the system with the role “**PC Chair**”.
- PC Chair can view reviewer full name, reviewer email, assigned review, quota of reviewer.
- PC Chair can click on “All Submissions” tab to view all submissions assigned to reviewer and click on “Reviewed Submissions” tab to view list of submissions that the reviewer has reviewed among the assigned submissions.
- This function returns a list of submissions assigned to reviewer included: Paper Id, Paper title, Track name, Authors, Primary subject area, Secondary subject area, Submission files, Supplementary materials, Revision files, Score, Deadline Time, Reviewed.

3.2.30 <PC Chair> Manage Reviewer Invites

- Function trigger:** PC Chair click on the “Users” dropdown and select “Mange Reviewer Invite” on header.
- Function description:** PC Chair can view list of reviewer's invitation in conference.
- Screen layout:**

Manage Reviewer Invites

Number of Invitation Accepted Rejected Not Response

First Name	Last Name	Email	Organization	Sent Time	Expires Time	Track
Ann	Nguyen	truonganh20062001@gm...		22/09/2023 02:28:55 AM	22/09/2023 02:28:55 AM	Test1

1 invite in total

Rows per page: 5 ▾ 1-1 of 1 < >

INFORMATION TECHNOLOGY

Capstone Project Document - Science Research Activity Support System

- This function requires the user to login to the system with the role “**PC Chair**”.
- PC Chair can view invitation statistic in conference included: Number of invitations, Number of accepted invitations, Number of rejected invitations, Number of not response invitations.
- This function returns a list of invitation to reviewers included: First name, Last name, Email, Organization, Sent time, Expires time, Track, Status.

3.2.31 <PC Chair> Reviewer Invitation User Searching

- **Function trigger:** PC Chair click on the “Users” dropdown and select “Invite Reviewer” on header.
- **Function description:** PC Chair can search for user in the system to invite to conference.
- **Screen layout:**

- This function requires the user to login to the system with the role “**PC Chair**”.
- PC Chair can search user by email. There will be the following cases:
 - If user already a reviewer in conference, the system shows message "Reviewer already in {TrackName}".
 - If user does not have account in the system, then system will show fields to create user as outsider.
 - If user has account and has not in the conference, then PC Chair can continue next step.
- PC Chair after search user then click “Next” to continue next step or click “Cancel” to go back previous screen.

3.2.32 <PC Chair> Email Composing Invitation

- **Function trigger:** PC Chair click “Next” button in “Reviewer Invitation User Searching”.
- **Function description:** PC Chair can compose email subject and body.
- **Screen layout:**

Capstone Project Document - Science Research Activity Support System

The screenshot shows the SRASS system's 'Invite Reviewer' interface. At the top, there are navigation links for Dashboard, Submission, Manuscripts, Users, Settings, and a user role indicator for 'CHAIR'. Below that is a date and time stamp: '30/11/2023, 5:39:45 PM'. On the right, it says 'Your Role: CHAIR' and 'Sandra Wolf'. A banner at the top right reads 'FPTU HCM Student Research Competition 2023 (FPT HCM SRC 2023)'. The main area is titled 'Invite Reviewer' with three numbered steps: '1 Choose user', '2 Compose email', and '3 Preview'. The 'Compose email' step shows a form with 'From' set to Sandra Wolf, 'To' set to Anh Nguyen, 'Subject' set to 'Reviewer Invitation for {Conference.Name}', and a 'Body' section containing a template message. Buttons for 'Cancel', 'Previous', and 'Next' are at the bottom.

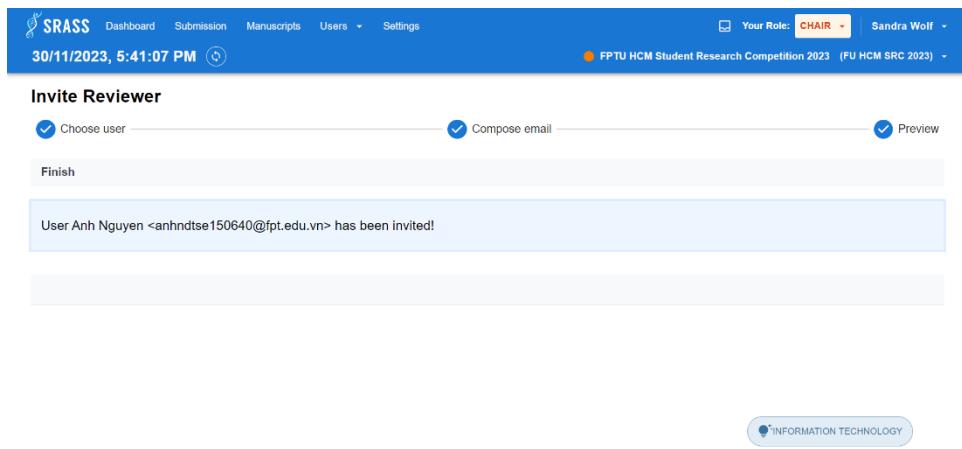
- This function requires the user to login to the system with the role “**PC Chair**”.
- PC Chair fill in all required fields and then click “Next” to continue next step or click “Previous” to return previous step or click “Cancel” to go back previous screen.
- PC Chair can use all supported placeholders to map information related to conference such as: Conference Name, Submission Title, Recipient Last Name, Recipient First Name, etc...

3.2.33 <PC Chair> Previewing Email Invitation

- **Function trigger:** PC Chair click “Next” button in “Email Composing Invitation”.
- **Function description:** PC Chair can preview sender information, email subject, and email body before sending invite.
- **Screen layout:**

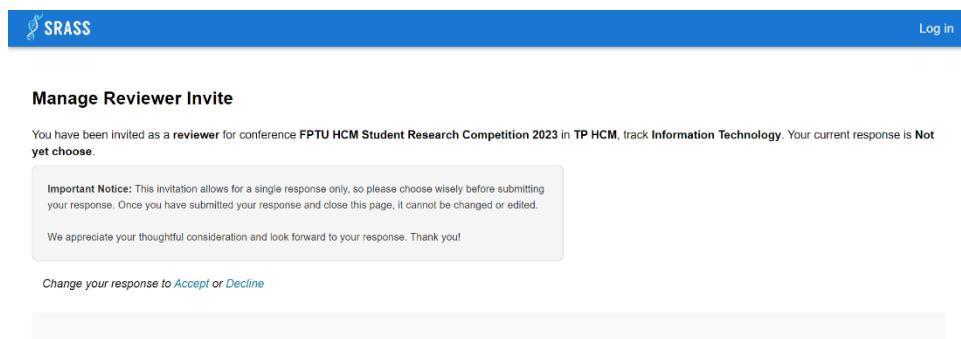
The screenshot shows the SRASS system's 'Invite Reviewer' interface in preview mode. At the top, there are navigation links for Dashboard, Submission, Manuscripts, Users, Settings, and a user role indicator for 'CHAIR'. Below that is a date and time stamp: '30/11/2023, 5:40:36 PM'. On the right, it says 'Your Role: CHAIR' and 'Sandra Wolf'. A banner at the top right reads 'FPTU HCM Student Research Competition 2023 (FPT HCM SRC 2023)'. The main area is titled 'Invite Reviewer' with three numbered steps: '1 Choose user', '2 Compose email', and '3 Preview'. The 'Preview' step shows a form with 'From' set to Sandra Wolf, 'To' set to Anh Nguyen, 'Subject' set to 'Reviewer Invitation for FPTU HCM Student Research Competition 2023', and a 'Body' section containing a template message. Buttons for 'Cancel', 'Previous', and 'Send' are at the bottom.

- This function requires the user to login to the system with the role “**PC Chair**”.
- PC Chair can view sender full name, sender email, recipient full name, recipient email, subject, body.
- After PC Chair preview then click “Send” to send email or click “Previous” to return previous step or click “Cancel” to go back previous screen.
 - If successful, the email will be sent to reviewer email.

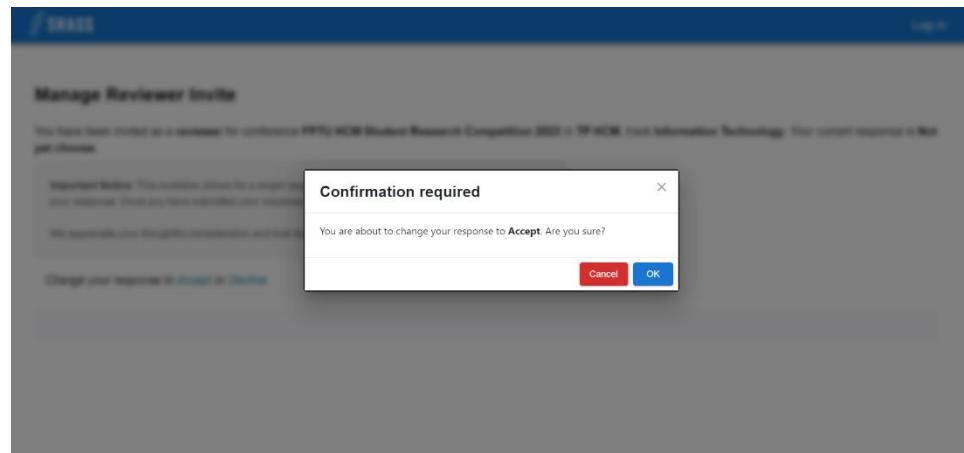


3.2.34 <(Un) Authenticated User> Invite Confirmation

- **Function trigger:** (Un)authenticated User click the link in email.
- **Function description:** (Un)authenticated User can confirm invitation by accept or decline.
- **Screen layout:**



- If the email does not exist in the system, the system will show message “Please register account in the system.” and navigate to “Register” page.
- If the invitation has been confirmed, the system will show message “This invitation has already responded.”. If selected role is:
 - Authenticated User:
 - The system will navigate user to “Conference” screen or click “Cancel” to close pop-up.
 - Unauthenticated User:
 - The system will navigate user to “Log in” screen or click “Cancel” to close pop-up.
- (Un)authenticated User can view conference name, track and conference location then click “Accept” or “Decline” to confirm invitation.



- If selected role is:
 - Authenticated User:
 - Click "OK" to confirm response, the system will navigate user to "Conference" screen or click "Cancel" to close pop-up.
 - Unauthenticated User:
 - Click "OK" to confirm response, the system will navigate user to "Log in" screen or click "Cancel" to close pop-up.

3.2.35 <PC Chair> Manuscripts

- **Function trigger:** PC Chair click on the "Manuscript" on header.
- **Function description:** PC Chair can track final camera-ready submissions, registration and presentation submissions.
- **Screen layout:**

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SRASS Dashboard Submission Manuscripts Users Settings Your Role: CHAIR Sandra Wolf FPTU HCM Student Research Competition 2023 (FPTU HCM SRC 2023)

19/11/2023, 5:46:10 PM

Conference Manuscript

Conference name: FPTU HCM Student Research Competition 2023
Short name: FPTU HCM SRC 2023

Camera Ready

- Number of Camera Ready Requested Papers: 18
- Number of Papers with Camera Ready Submitted: 14
- Number of Papers with Camera Ready not Submitted: 4

Registration

- Registered Papers: 10
- Unregistered Papers: 4

Presentation

- Presentation Requested Papers: 0
- Papers with Presentation Submitted: 0
- Papers with Presentation not yet Submitted: 0

Request for camera ready All manuscripts All registered manuscripts Request for presentation Presentation-submitted manuscripts

18 submissions in total

#	Paper	Track	Primary Subject Area	Secondary Subject Area	Authors	First Authors
1	Agile Project Management	Information Tech...	Software Development and Eng...	Cryptocurrency and Blockchain Te...	Grace Young (grace.e.young@email.com), Elizabeth King (elizabeth.king@email.com)	Grace Young (grace.e.young@email.com)
2	Automated Testing Frame...	Information Tech...	Database Management	Cybersecurity and Network Securi...	Shree Patel (shree.patel@gmail.com), Alexander Hall (alexander.j.hall@email.com)	Shree Patel (shree.patel@gmail.com)
3	Automation and Orchestr...	Information Tech...	Virtual Reality and Augmented R...	IT Project Management, Web Develop...	Christopher Scott (christopher.j.scott@email.com), Oliver Turner (oliver.m.turner@gmail.com)	Christopher Scott (christopher.j.scott@email.com)
4	Blockchain-based Secure ...	Information Tech...	Database Management	Big Data and Data Warehousing, C...	Penelope Cooper (penelope.g.cooper@email.com), John Smith (john.m.smith@email.com)	Penelope Cooper (penelope.g.cooper@email.com)
5	Efficient Indexing Techniq...	Information Tech...	IT Project Management	Cybersecurity and Network Securi...	Daniel Anderson (daniel.j.anderson@email.com)	Daniel Anderson (daniel.j.anderson@email.com)

INFORMATION TECHNOLOGY

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SRASS Dashboard Submission Manuscripts Users Settings Your Role: CHAIR Sandra Wolf FPTU HCM Student Research Competition 2023 (FPTU HCM SRC 2023)

19/11/2023, 5:47:14 PM

Conference Manuscript

Conference name: FPTU HCM Student Research Competition 2023
Short name: FPTU HCM SRC 2023

Camera Ready

- Number of Camera Ready Requested Papers: 18
- Number of Papers with Camera Ready Submitted: 14
- Number of Papers with Camera Ready not Submitted: 4

Registration

- Registered Papers: 10
- Unregistered Papers: 4

Presentation

- Presentation Requested Papers: 0
- Papers with Presentation Submitted: 0
- Papers with Presentation not yet Submitted: 0

Request for camera ready All manuscripts All registered manuscripts Request for presentation Presentation-submitted manuscripts

10 submissions in total

All Registered Manuscripts:

DOWNLOAD

#	Paper	Track	Primary Subject Area	Secondary Subject Area	Authors	First Authors
1	Automated Testing Frame...	Information Tech...	Database Management	Cybersecurity and Network Securi...	Shree Patel (shree.patel@gmail.com), Alexander Hall (alexander.j.hall@email.com)	Shree Patel (shree.patel@gmail.com)
2	Blockchain-based Secure ...	Information Tech...	Database Management	Big Data and Data Warehousing, C...	Penelope Cooper (penelope.g.cooper@email.com), John Smith (john.m.smith@email.com)	Penelope Cooper (penelope.g.cooper@email.com)
3	Efficient Indexing Techniq...	Information Tech...	IT Project Management	Cybersecurity and Network Securi...	Daniel Anderson (daniel.j.anderson@email.com), Avery Wright (avery.g.wright@gmail.com)	Daniel Anderson (daniel.j.anderson@email.com)
4	Enhancing Data Quality In...	Information Tech...	Web Development and Design	Artificial Intelligence and Machine Learning, Internet of Things (IoT)	Henry Cox (henry.z.cox@email.com), Dr. Lily Grace Collins (lily.g.collins@email.com)	Henry Cox (henry.z.cox@email.com)

INFORMATION TECHNOLOGY

Rows per page: 15 | 1-10 of 10

Capstone Project Document - Science Research Activity Support System

Conference Manuscript

Conference name: FPTU HCM Student Research Competition 2023
Short name: FU HCM SRC 2023

Camera Ready

- Number of Camera Ready Requested Papers: 18
- Number of Papers with Camera Ready Submitted: 14
- Number of Papers with Camera Ready not yet Submitted: 4

Registration

- Registered Papers: 10
- Unregistered Papers: 4

Presentation

- Presentation Requested Papers: 0
- Papers with Presentation Submitted: 0
- Papers with Presentation not yet Submitted: 0

Request for camera ready All manuscripts All registered manuscripts Request for presentation Presentation-submitted manuscripts

10 submissions in total
Request for Presentation Papers:

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#	Paper	Track	Primary Subject Area	Secondary Subject Area	Authors	First Authors
1	Automated Testing Frame...	Information Tech...	Database Management	Cybersecurity and Network Security Web Development and Design	Shree Patel (shree.patel@gmail.com) • Organization: HCM Campus, FPT University Alexander Hall (alexander.hall@email.com) • Organization: Brookside University	Shree Patel (shree.patel@gmail.com) • Organization: HCM Campus, FPT University
2	Blockchain-based Secure ...	Information Tech...	Database Management	Big Data and Data Warehousing Cryptocurrency and Blockchain Tech	Penelope Cooper (penelope.g.cooper@em...) Organization: Meadowview College John Smith (john.m.smith@email.com) • Organization: Northview University	Penelope Cooper (penelope.g.cooper@em...) Organization: Meadowview College
3	Efficient Indexing Techniq...	Information Tech...	IT Project Management	Cybersecurity and Network Security Digital Marketing and Online Advertising	Daniel Anderson (daniel.j.anderson@email.com) • Organization: Princeton University Avery Wright (avery.a.wright@gmail.com) • Organization: May Mountain College	Daniel Anderson (daniel.j.anderson@email.com) • Organization: Princeton University
4	Enhancing Data Quality In...	Information Tech...	Web Development and Design	Artificial Intelligence and Machine Learning Internet of Things (IoT)	Henry Cox (henry.a.cox@gmail.com) • Organization: Sunnyside University Dr. Lily Grace Collins (lily.g.collins@sun...) Organization: Treetop College	Henry Cox (henry.a.cox@gmail.com) • Organization: Sunnyside University

INFORMATION TECHNOLOGY

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Conference Manuscript

Conference name: FPTU HCM Student Research Competition 2023
Short name: FU HCM SRC 2023

Camera Ready

- Number of Camera Ready Requested Papers: 18
- Number of Papers with Camera Ready Submitted: 14
- Number of Papers with Camera Ready not yet Submitted: 4

Registration

- Registered Papers: 10
- Unregistered Papers: 4

Presentation

- Presentation Requested Papers: 10
- Papers with Presentation Submitted: 0
- Papers with Presentation not yet Submitted: 3

Request for camera ready All manuscripts All registered manuscripts Request for presentation Presentation-submitted manuscripts

7 submissions in total
Presentation-submitted Manuscripts:

[DOWNLOAD](#)

#	Paper	Track	Primary Subject Area	Secondary Subject Area	Authors	First Authors
1	Automated Testing Frame...	Information Tech...	Database Management	Cybersecurity and Network Security Web Development and Design	Shree Patel (shree.patel@gmail.com) • Organization: HCM Campus, FPT University Alexander Hall (alexander.hall@email.com) • Organization: Brookside University	Shree Patel (shree.patel@gmail.com) • Organization: HCM Campus, FPT University
2	Blockchain-based Secure ...	Information Tech...	Database Management	Big Data and Data Warehousing Cryptocurrency and Blockchain Tech	Penelope Cooper (penelope.g.cooper@em...) Organization: Meadowview College John Smith (john.m.smith@email.com) • Organization: Northview University	Penelope Cooper (penelope.g.cooper@em...) Organization: Meadowview College
3	Efficient Indexing Techniq...	Information Tech...	IT Project Management	Cybersecurity and Network Security Digital Marketing and Online Advertising	Daniel Anderson (daniel.j.anderson@email.com) • Organization: Princeton University Avery Wright (avery.a.wright@gmail.com) • Organization: May Mountain College	Daniel Anderson (daniel.j.anderson@email.com) • Organization: Princeton University
4	Enhancing Data Quality In...	Information Tech...	Web Development and Design	Artificial Intelligence and Machine Learning Internet of Things (IoT)	Henry Cox (henry.a.cox@gmail.com) • Organization: Sunnyside University Dr. Lily Grace Collins (lily.g.collins@sun...) Organization: Treetop College	Henry Cox (henry.a.cox@gmail.com) • Organization: Sunnyside University

INFORMATION TECHNOLOGY

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- This function requires the user to login to the system with the role “PC Chair”.
- PC Chair can view conference statistic in system included: Number of camera-ready requested papers, Number of papers with camera ready submitted, Number of papers with camera ready not yet submitted, Registered papers, Unregistered

papers, Presentation requested papers, Papers with presentation submitted, Papers with presentation not yet submitted.

- PC Chair can click on tabs:
 - “All Manuscript”:
 - To view all submissions manuscript.
 - Click “Download” button to download all manuscript.
 - “All registered manuscripts”:
 - To view all registered submissions.
 - Click “Download” button to download zip file included all registered submissions and excel file summarizing information report.
 - “Request for presentation”:
 - To view all submissions that request for presentation.
 - Click “Download” button to download zip file included request for presentation submissions and excel file summarizing information report.
 - “Presentation-submitted manuscripts”:
 - To view all submissions manuscript.
 - Click “Download” button to download zip file included presentation submitted submissions and excel file summarizing information report.
- If manuscripts have results, the system shows a list of submission in conference included: Paper title, Track name, Primary subject area, Secondary subject area, Authors, Registered, Register option, Order, Registrant, Request for presentation, Presentation completely, Presenters. If not, system return a message “No record to display”.
- Table column visible based on that phase of the conference.
- PC Chair can click on statistic buttons to filter manuscript data table.
 - Statistic button disabled when statistic value is 0.
 - If PC Chair click statistic button “Number of Camera Ready Requested Papers” or “Number of Papers with Camera Ready not yet Submitted” or “Unregistered papers” or “Papers with Presentation not yet Submitted”, the system will move to the first tab and the tab's text will become the same name as the statistic button just clicked, along with the data table related to the data.
 - If PC Chair click statistic button “Number of Papers with Camera Ready Submitted” the system will move to the “All Manuscript” tab.
 - If PC Chair click statistic button “Registered Papers” the system will move to the “All registered manuscripts” tab.
 - If PC Chair click statistic button “Presentation Requested Papers” the system will move to the “Request for presentation” tab.
 - If PC Chair click statistic button “Papers with Presentation Submitted” the system will move to the “Presentation-submitted manuscripts” tab.

3.2.36 <PC Chair> Paper Statuses Setting

- **Function trigger:** PC Chair click on the “Settings” on header. Then the default tab will be the “Paper Status” tab.
- **Function description:** PC Chair view the statuses that the submission may have.
- **Screen layout:**

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The screenshot shows the SRASS system interface. At the top, there's a header with the logo, navigation links (Dashboard, Submission, Manuscripts, Users, Settings), user information (Your Role: CHAIR, Sandra Wolf), and a competition banner (FPTU HCM Student Research Competition 2023). The main content area is titled "Paper Status" and shows a list of statuses: Awaiting Decision, Desk Reject, Accept, Revision, and Reject. On the left, a sidebar menu for the "Information Technology" track includes sections for General, Features (with "Subject Area" selected), Forms, Activity Timeline, and Track Plan. A blue circular badge at the bottom right indicates "INFORMATION TECHNOLOGY".

- This function requires the user to login to the system with the role “PC Chair”.
- PC Chair can only view the status of paper.

3.2.37 <PC Chair> Subject Area Setting

- **Function trigger:** PC Chair click on the “Settings” on header. Then choose the “Subject Area” tab in “Features” section.
- **Function description:** PC Chair can set up the subject area to for “Open For Submission” phase.
- **Screen layout:**

The screenshot shows the SRASS system interface. At the top, there's a header with the logo, navigation links (Dashboard, Submission, Manuscripts, Users, Settings), user information (Your Role: CHAIR, Sandra Wolf), and a competition banner (FPTU HCM Student Research Competition 2023). The main content area is titled "Subject Area (14)" and lists various subject areas with edit and delete icons. On the left, a sidebar menu for the "Information Technology" track includes sections for General, Features (with "Subject Area" selected), Forms, Activity Timeline, and Track Plan. A blue circular badge at the bottom right indicates "INFORMATION TECHNOLOGY".

Subject Area
Artificial Intelligence and Machine Learning
Big Data and Data Warehousing
Cryptocurrency and Blockchain Technology
Cybersecurity and Network Security
Data Science and Analytics
Database Management
Digital Marketing and Online Advertising
E-commerce and Online Retail
Internet of Things (IoT)
IT Project Management
Mobile Application Development
Software Development and Engineering
Virtual Reality and Augmented Reality
Web Development and Design

- This function requires the user to login to the system with the role “PC Chair”.
- PC Chair can view all subject areas of a selected track.

Capstone Project Document - Science Research Activity Support System

- PC Chair need to create subject area in “Calling For Papers” phase to be ready for next phase. To create new subject area, PC Chair click on the “ADD SUBJECT AREA” button then type the name of subject area.
- After creating new subject area. PC Chair can edit subject area by clicking on “edit” icon or delete subject area by clicking on “trash can” icon.
- The system will throw error if PC Chair create new subject area or edit subject area having the same name with existing one.
- The system will show a pop-up for PC Chair to confirm before deleting a subject area.

3.2.38 <PC Chair> Submission Setting

- **Function trigger:** PC Chair click on the “Settings” on header. Then choose the “Submission” tab in “Features” section.
- **Function description:** PC Chair can set up configuration of welcome message, files and abstract to prepare for different phases when conference is occurring.
- **Screen layout:**

The screenshot shows the SRASS application's submission settings page. The top navigation bar includes links for Dashboard, Submission, Manuscripts, Users, and Settings, along with a user role indicator (CHAIR) and a sign-out link. A banner at the top right indicates the event: "FPTU HCM Student Research Competition 2023 (FU HCM SRC 2023)".

The left sidebar contains a navigation menu with the following items:

- Information Technology
- Back to Home
- General Track Registration
- Features
 - Paper Status
 - Subject Area
 - Submission
 - Submission, Supplementary, Revision, Other
 - Reviewer Suggestion
 - Camera Ready Submissions
 - Presentations
- Forms Submission
- Activity Timeline Deadlines
- Track Plan Plan Deadlines

The main content area is titled "Submission" and contains the following sections:

- Welcome Message & Instructions:** A text area with a placeholder: "Greetings to all participants. Join us on an exhilarating journey at the upcoming conference! Your pioneering research and insightful contributions play a crucial role in fostering a lively exchange of knowledge. Embrace this opportunity to be a vital part of our community." Below it is a "Maximum number of characters for abstract" input field set to 100 and a "Abstract required" checkbox.
- ABSTRACT:** Configuration for abstract submissions. Includes fields for maximum characters (100), required status, and file upload settings (maximum 3 files, min 1 file, doc/docx formats, 10 MB max size).
- SUBMISSION FILE:** Configuration for main submission files. Includes fields for maximum files (3), required status, file formats (doc/docx), and size limit (10 MB).
- Supplementary:** Configuration for supplementary material. Includes fields for maximum files (3), required status, file formats (doc/docx), and size limit (10 MB).
- Revision:** Configuration for revision files. Includes fields for maximum files (3), required status, file formats (doc/docx), and size limit (10 MB).
- Other:** A section with a checkbox for "Allow only primary contact author to delete paper".

At the bottom right are buttons for "INFORMATION TECHNOLOGY" and "Save Changes".

Capstone Project Document - Science Research Activity Support System

- This function requires the user to login to the system with the role “**PC Chair**”.
- PC Chair can view all setting of welcome messages, files, abstract and other of a selected track.
- PC Chair can config the file or welcome message or abstract to prepare for different phases such as “Open For Submission”, “Open For Supplementary Material”, “Open For Revision” phase.
- PC Chair click on “Save Changes” button to save the settings.

3.2.39 <PC Chair> Reviewer Suggestion

- **Function trigger:** PC Chair click on the “Settings” on header. Then choose the “Reviewer Suggestion” tab in “Features” section.
- **Function description:** PC Chair can setup relevance scores as default or with custom option.
- **Screen layout:**

The screenshot shows the SRASS software interface. The top navigation bar includes the logo, "SRASS", and links for "Dashboard", "Submission", "Manuscripts", "Users", "Settings", and "Logout". The top right corner shows "Your Role: CHAIR", the user name "Sandra Wolf", and a dropdown menu. Below the navigation is a date and time stamp: "10/09/2023, 6:20:04 PM". The main content area has a blue header "Subject Relevance Scores". On the left is a sidebar with a tree structure: "Information Technology" (selected), "General" (Track, Registration), "Features" (Paper Status, Subject Area, Submission, Reviewer Suggestion, Camera Ready Submissions, Presentations), "Forms" (Submission), "Activity Timeline" (Deadlines), and "Track Plan" (Plan Deadlines). The "Reviewer Suggestion" node is expanded, showing its sub-options. The main panel contains a "WEIGHTS" section with four radio buttons: "Default" (selected), "Custom", and two "Paper and reviewer exact match" options (Primary and Secondary). Each option has a weight input field: 0.8pp, 0.16ps, 0.16sp, and 0.04ss respectively. At the bottom right is a "Save Changes" button.

- This function requires the user to login to the system with the role “**PC Chair**”.
- PC Chair can config relevance scores such as Paper and reviewer exact match on Primary (pp), Primary subject area of reviewer matches secondary subject area of paper (ps), Primary subject area of paper matches secondary subject area of reviewer (sp), Secondary subject area of reviewer overlaps with secondary subject area of paper (ps).
- PC Chair click on “Save Changes” button to save the settings.

3.2.40 <PC Chair> Track Setting

- **Function trigger:** PC Chair click on the “Settings” on header. Then choose the “Track” tab in “General” section.
- **Function description:** PC Chair can manage tracks in conference.
- **Screen layout:**

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The screenshots show the 'Tracks Management' page of the SRASS system. The left sidebar includes tabs for 'Information Technology', 'General', 'Track' (which is selected), 'Registration Paper', 'Features', 'Forms', 'Activity Timeline', and 'Track Plan'. The main area displays four tracks: 'Information Technology', 'Graphic Design - Multimedia Communications', 'Linguistics', and 'Business Administration', each with edit and delete icons. A blue button '+ ADD TRACK' is at the top right. Below the tracks is a 'INFORMATION TECHNOLOGY' badge.

The second screenshot shows the same interface after a new track has been added. The 'Information Technology' track now has a 'Track Name' input field containing 'Information Technology', and a 'SAVE' button is visible above the list of tracks. The other three tracks remain the same. The 'INFORMATION TECHNOLOGY' badge is also present.

- This function requires the user to login to the system with the role “**PC Chair**”.
- PC Chair can view all tracks of the conference.
- PC Chair click on the “ADD TRACK” button then type the name of track.
- After creating new track. PC Chair can edit track by clicking on “edit” icon or delete track by clicking on “trash can” icon.
- The system will throw error if PC Chair create new track or edit track having the same name with existing one.
- The system will show a pop-up for PC Chair to confirm before deleting a track.

3.2.41 <PC Chair> Registration Setting

- **Function trigger:** PC Chair click on the “Setting” on header. Then choose the “Registration Paper” tab in “General” section.
- **Function description:** PC Chair can configure the price list for each submission including free or paid when the author decides to register the submission.
- **Screen layout:**

Capstone Project Document - Science Research Activity Support System

The screenshots illustrate the configuration of registration fees in the SRASS system. The first screenshot shows a general configuration where 'Free Charge' is selected, resulting in a large dollar sign icon and a message stating 'Registration has been set to Free'. The second screenshot shows more detailed configuration options like 'Early Registration' and 'Number of Extra Papers'. The third screenshot is a modal window titled 'New Option' for adding a new registration fee type.

- This function requires the user to login to the system with the role “**PC Chair**”.
- PC Chair can config the price cling on “Free Charge” switch button to toggle the status: free or paid.
- If “Free Charge” is enabled. Then click on “Save Changes” button to save the settings.
- If “Free Charge” is disabled. Then PC Chair have to config three things
 - **REGISTRATION CONFIGURATION:**
 - Toggle enabled or disabled “Early Registration”.

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- Choose deadline date for “Early Registration Deadline” if “Early Registration” is enabled. If not, then PC Chair can not choose date.
- Enter “Number of Pages”.
- “Number of Extra Papers” will be automatically inputted when PC Chair config “PC Chair Option”.
- CHARGE OPTION:
 - There are three options to enable:
 - PC Chair can input “Early Registration” in “CHARGE OPTION” when “Early Registration” in REGISTRATION CONFIGURATION“ is enabled or “Enabled” column is enabled.
 - PC Chair can input “Regular Registration” when “Enabled” column is enabled.
- CUSTOMIZATION OPTION:
 - PC Chair can create new option by clicking on “+ NEW OPTION” button. Then the pop-up will appear. PC Chair input the information of each field then click “Save Changes” button on pop-up to add new option.
- PC Chair click on “Save Changes” button of page to save the settings.

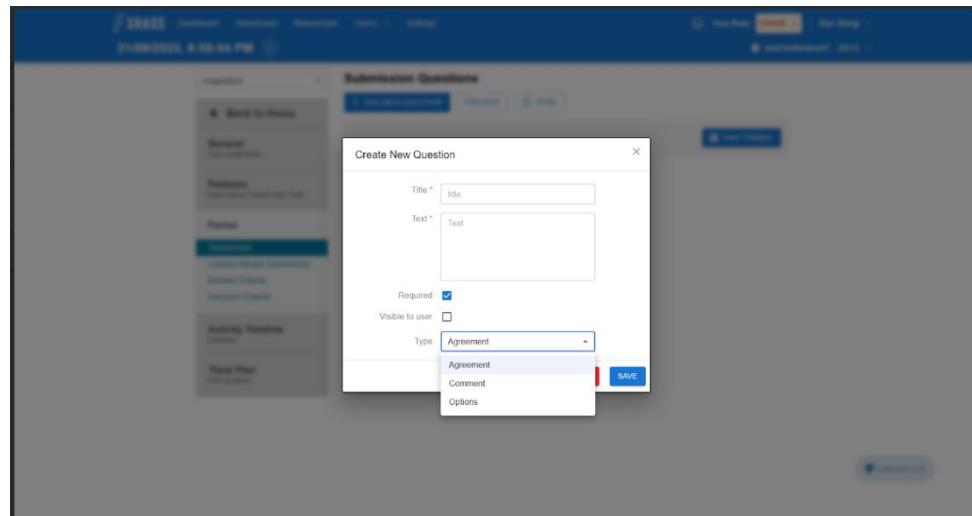
3.2.42 <PC Chair> Submission Question Setting

- **Function trigger:** PC Chair click on the “Settings” on header. Then choose the “Submission” tab in “Form” section.
- **Function description:** PC Chair can set up the submission question for “Open For Submission” phase.
- **Screen layout:**

The screenshot shows the SRASS software interface. The top navigation bar includes the logo, 'SRASS', 'Dashboard', 'Submission', 'Manuscripts', 'Users', 'Settings', 'Your Role: CHAIR', and 'Sandra Wolf'. A date and time indicator '10/09/2023, 5:18:47 PM' is also present. The main content area is titled 'Submission Questions' and contains five entries:

- 1. Are U FPT Student?
Type: Options
Yes
No
- 2. Have you join any conference before?
Type: Comment
Please note these conference name
- 3. Are you a lecturer?
Type: Options
Yes
No
- 4. Are you a scientist?
Type: Options
Yes
No
- 5. Agreement to Adhere to Conference Submission Guidelines
Do you agree to abide by the conference submission guidelines and adhere to the presentation format specified, if your submission is accepted?
Type: Agreement

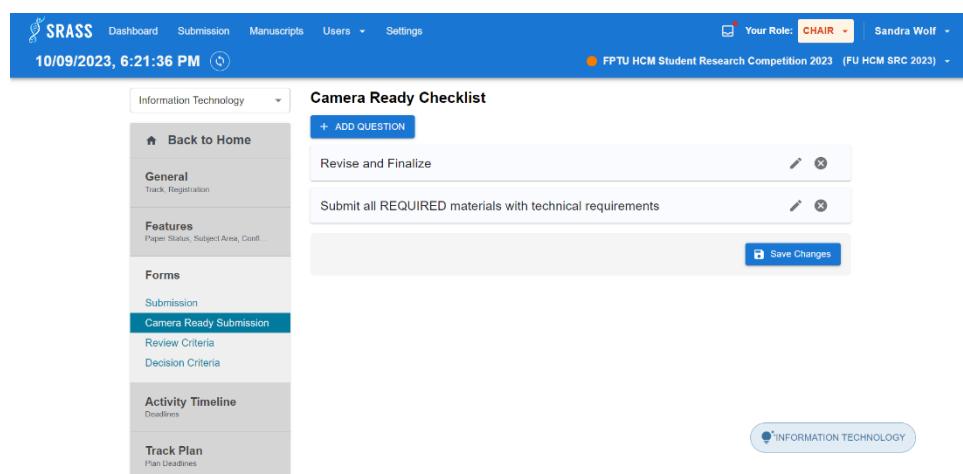
At the bottom right, there is a 'INFORMATION TECHNOLOGY' button and a 'Save Changes' button.



- This function requires the user to login to the system with the role “**PC Chair**”.
- PC Chair can view all submission questions of selected track in the conference.
- PC Chair click on the “+ ADD NEW QUESTION” button then the pop-up will appear.
- They have to fulfil all required field on the pop-up:
 - Title.
 - Text.
 - Check or not check “Required” or “Visible to user” checkbox.
 - Choose type of question. Default is “Agreement” option.
- Click on “Save” button on pop up to add new question.
- After creating new question. PC Chair can edit question by clicking on “edit” icon or delete question by clicking on “trash can” icon. PC Chair can also change the order of question by clicking on “Down Arrow” icon or “Forward Arrow” icon.
- Clicking on “Save Changes” button to save all questions.

3.2.43 <PC Chair> Camera Ready Checklist Setting

- **Function trigger:** PC Chair click on the “Settings” on header. Then choose the “Camera Ready Submission” tab in “Form” section.
- **Function description:** PC Chair can set up the camera ready checklist for “Open For Camera Ready Submission” phase.
- **Screen layout:**



- This function requires the user to login to the system with the role “**PC Chair**”.
- PC Chair can view all camera ready checklist of a selected track.

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- To create new task, PC Chair click on the “+ADD CHECKLIST” button then type the name of task.
- After creating new task. PC Chair can edit task by clicking on “edit” icon or delete task by clicking on “trash can” icon.
- The system will show a pop-up for PC Chair to confirm before deleting a task.
- Click on “Save Changes” button to save the checklist.

3.2.44 <PC Chair> Review Criteria Submission Setting

- **Function trigger:** PC Chair click on the “Settings” on header. Then choose the “Review Criteria” tab in “Form” section.
- **Function description:** PC Chair can manage reviews criteria of selected track in conference.
- **Screen layout:**

The top screenshot shows the 'Review Criteria Submission' page for the 'Information Technology' track. The table contains the following data:

Criteria Title	Evaluation Criteria	Grade Level	Weight (%)	Action
Relevance and Alignment	Evaluate the paper's relevance to the conference theme, topics, and scope. Assess how well the paper addresses the conference's focus and objectives. Consider whether the paper's content is aligned with the conference's overarching goals.	100	30	edit trash up down
Quality of Research and Methodology	Review the research design, methodology, and data analysis presented in the paper. Evaluate the robustness of the methodology, the appropriateness of the chosen research methods, and the rigor of the analysis. Consider whether the research methods effectively support the paper's objectives.	100	30	edit trash up down
Contribution and Impact	Assess the paper's contribution to the field and its potential impact. Consider whether the paper offers new insights, challenges existing knowledge, or provides innovative solutions. Evaluate the significance of the findings and the potential implications for research, practice, or policy.	100	40	edit trash up down

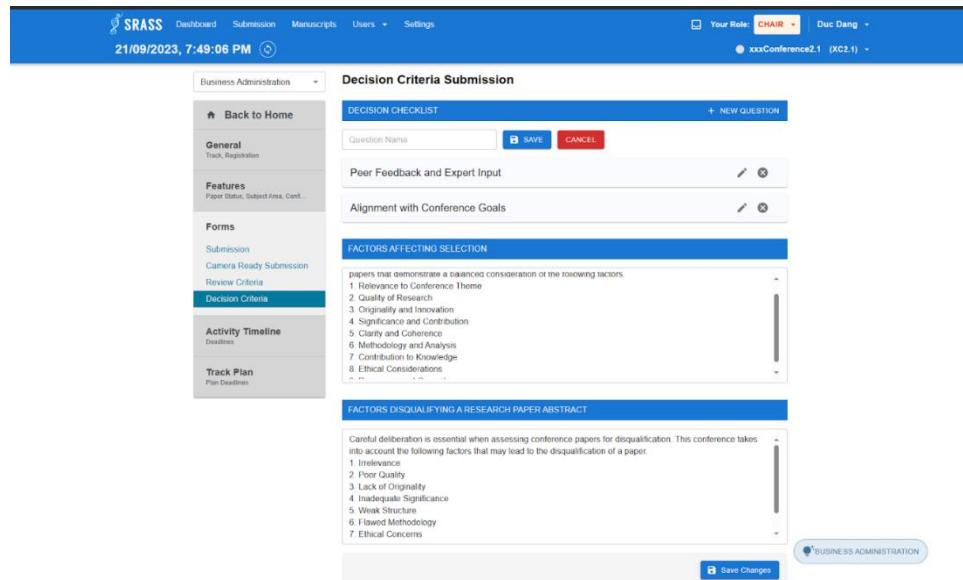
The bottom screenshot shows a modal dialog titled 'New Criterion' with fields for Criteria title, Evaluation Criterion, Grade level, and Weight (%). The 'Save Changes' button is visible at the bottom right.

- This function requires the user to login to the system with the role “**PC Chair**”.
- PC Chair can view all review criterion checklist of a selected track.
- To create new criterion, PC Chair click on the “+ADD NEW Criterion” button then the pop-up will appear.
- The have to fulfil all required field on the pop-up:

- Criteria title.
- Evaluation Criterion.
- Grade level. The default value is 1. Min value is 1 and Max value is 100.
- Weight. The default value is 1. Min value is 1 and Max value is 100.
- Click on “Save” button on pop up to add new criterion.
- After creating new criterion. PC Chair can edit criterion by clicking on “edit” icon or delete criterion by clicking on “trash can” icon. PC Chair can also change the order of criterion by clicking on “Down Arrow” icon or “Forward Arrow” icon.
- Clicking on “Save Changes” button to save criteria.

3.2.45 <PC Chair> Decision Criteria Submission Setting

- **Function trigger:** PC Chair click on the “Settings” on header. Then choose the “Decision Criteria” tab in “Form” section.
- **Function description:** PC Chair can manage decision criteria of selected track in conference.
- **Screen layout:**



- This function requires the user to login to the system with the role “**PC Chair**”.
- PC Chair can view all decision criterion checklist of a selected track.
- To create new criterion, PC Chair click on the “+NEW CRITERION” button then type the name of criterion.
- After creating new criterion. PC Chair can edit criterion by clicking on “edit” icon or delete criterion by clicking on “trash can” icon.
- The system will show a pop-up for PC Chair to confirm before deleting a criterion.
- PC Chair also have to enter for “FACTORS AFFECTING SELECTION” and “FACTORS DISQUALIFYING A RESEARCH PAPER ABSTRACT”.
- Click on “Save Changes” button to save all settings.

3.2.46 <PC Chair> Deadlines

- **Function trigger:** PC Chair click on the “Settings” on header. Then choose the “Deadlines” tab in “Activity Timeline” section.
- **Function description:** PC Chair can view all activity deadlines of selected track in conference.
- **Screen layout:**

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Phase	Deadline Name	Status	Deadline
Calling For Papers	Call For Papers Deadline	Enabled	11/09/2023 ⏱
Open for Submission	Submission Deadline	Enabled	18/09/2023 ⏱
Open for Submission Edit	Submission Edits Deadline	Enabled	25/09/2023 ⏱
Open for Supplementary Materials	Supplementary Materials Submission Deadline	Enabled	02/10/2023 ⏱
Preliminary Assessment	Preliminary Assessment Deadline	Enabled	09/10/2023 ⏱
Awaiting Submission Review	Review Submission Deadline	Enabled	16/10/2023 ⏱
First Decision-Making	First Decision-Making Deadline	Enabled	23/10/2023 ⏱
Open for Revision 1 Submission	Revision 1 Submission Deadline	Enabled	30/10/2023 ⏱
Awaiting Revision 1 Review	Revision 1 Review Submission Deadline	Enabled	06/11/2023 ⏱
Last Decision-Making	Last Decision-Making Deadline	Enabled	13/11/2023 ⏱
Open for Camera Ready Submission	Camera Ready Submission Deadline	Enabled	
Open for Presentation Submission	Presentation Submission Deadline	Enabled	27/11/2023 ⏱

- This function requires the user to login to the system with the role “**PC Chair**”.
- PC Chair view all phases with its deadline. If necessary, PC Chair can also extend the deadline by click on “Clock” icon.

3.2.47 <PC Chair> Plan Deadlines

- **Function trigger:** PC Chair click on the “Settings” on header. Then choose the “Plan Deadlines” tab in “Track Plan” section.
- **Function description:** PC Chair can create deadlines of selected track in conference.
- **Screen layout:**

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The screenshot shows the SRASS (Science Research Activity Support System) application. At the top, there is a navigation bar with links for Dashboard, Submission, Manuscripts, Users, Settings, and a date/time stamp (03/09/2023, 5:08:42 PM). On the right, it shows the user's role as CHAIR and the name Sandra Wolf. A banner at the top right indicates the event FPTU HCM Student Research Competition 2023 (FU HCM SRC 2023).

The main content area is titled "Plan Deadlines". It includes a note asking users to enter the plan deadline, a "Clear Deadlines" button, and a "Note" section about the chronological order of input. A "Template Note" provides instructions for using the downloaded template "template_trackplan.csv".

A sidebar on the left lists categories: General (Track, Registration), Features (Paper Status, Subject Area, Conf...), Forms (Submission), Activity Timeline (Deadlines), Track Plan, and Plan Deadlines (which is currently selected). There are also "Back to Home" and "Information Technology" buttons.

The central part of the screen displays a table of "Plan Deadlines" with columns for Phase, Deadline Name, Status, and Plan Deadline. The table lists 15 rows corresponding to various stages of a research project, such as New Beginning, Call For Papers Deadline, Submission Deadline, and Camera Ready Submission Deadline. Each row includes dropdown menus for Status and Plan Deadline, and a calendar icon for the Plan Deadline.

At the bottom of the table, there are buttons for "INFORMATION TECHNOLOGY", "Clear Deadlines", and "Save Changes".

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The screenshot shows the SRASS (Science Research Activity Support System) interface. At the top, there is a navigation bar with links for Home, About, Help, and Log Out. Below the navigation bar, the header displays the date and time (03/09/2023, 5:14:22 PM) and the user's role (CHAIR). The main content area has a sidebar on the left with categories like General, Features, Forms, Activity Timeline, Track Plan, and Plan Deadlines. The 'Plan Deadlines' section is currently selected. It contains a table with columns for Phase, Deadline Name, Status, and Plan Deadline. The table lists various phases such as New Beginning, Calling For Papers, Open for Submission, etc., each with its corresponding deadline details. Above the table, there is a note about template usage and a note about entering deadlines chronologically. A modal dialog box titled 'Action Confirmation' is overlaid on the page, containing a checkbox with the text: 'I, Sandra Wolf, understand that creating track plan is one time action. Once I submitted, this decision is irreversible.' and two buttons: 'Cancel' and 'Confirm'.

Phase	Deadline Name	Status	Plan Deadline
New Beginning	Start Date	Enabled	04/09/2023
Calling For Papers	Call For Papers Deadline	Enabled	11/09/2023
Open for Submission	Submission Deadline	Enabled	18/09/2023
Open for Submission Edit	Submission Edits Deadline	Enabled	25/09/2023
Open for Supplementary Materials	Supplementary Materials Submission Deadline	Enabled	02/10/2023
Preliminary Assessment	Preliminary Assessment Deadline	Enabled	09/10/2023
Awaiting Submission Review	Review Submission Deadline	Enabled	16/10/2023
First Decision-Making	First Decision-Making Deadline	Enabled	23/10/2023
Open for Revision 1 Submission	Revision 1 Submission Deadline	Enabled	30/10/2023
Awaiting Revision 1 Review	Revision 1 Review Submission Deadline	Enabled	06/11/2023
Last Decision-Making	Last Decision-Making Deadline	Enabled	13/11/2023
Open for Camera Ready Submission	Camera Ready Submission Deadline	Enabled	20/11/2023
Open for Presentation Submission	Presentation Submission Deadline	Enabled	27/11/2023
In Progress & Completed	End Date	Enabled	17/12/2023

- This function requires the user to login to the system with the role “**PC Chair**”.
- First, PC Chair must choose number of revisions to create phases and deadlines.
- After creating phases and deadlines, PC Chair must fulfil the date for deadline by instruction of system. Another way to fulfil date for deadlines is import csv deadlines and the template supplied by system.
- After fulfilling deadlines for phases, PC Chair click on “Save Changes” button. Then a pop-up with warning information appears. PC Chair must confirm by click on checkbox and click on “Confirm” button. Then the settings will be saved.

3.2.48 <PC Chair> Email Template Setting

- **Function trigger:** PC Chair click on the “Settings” on header. Then choose the “Email Template” tab in “General” section.
- **Function description:** PC Chair can set up email template for phase “Calling For Papers” and “Open For Camera Ready Submission”.
- **Screen layout:**

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The screenshot shows the SRASS system's interface for managing email templates. The top navigation bar includes the logo, user role (CHAIR), and conference information (27th International Conference on Pattern Recognition (2ICOPR)). The left sidebar contains links for General, Track, Registration Paper, Warning Factor, Email Template (which is selected), Features, Forms, Activity Timeline, and Track Plan. The main content area is titled 'Email Template' and contains two sections: 'CALLING FOR PAPER TEMPLATE' and 'OPEN FOR SUBMISSION TEMPLATE'. Each section has a 'Subject' field (e.g., '[Conference.Name] - Paper Submission' or '[Conference.Name] - Camera Ready Paper Submission') and a 'Body' field containing a friendly reminder message. Below each section is a link to 'All Supported Placeholders'. At the bottom right is a blue button labeled 'Save Changes'.

- This function requires the user to login to the system with the role “**PC Chair**”.
- There are two type of email template. PC Chair must fulfil information for template:
 - CALLING FOR PAPER TEMPLATE:
 - Subject
 - Body
 - OPEN FOR SUBMISSION TEMPLATE:
 - Subject
 - Body
- PC Chair clicks on “Save Changes” button to save email settings

3.2.49 <Author> Author Console

- **Function trigger:** Author clicks conference name on “Conferences”.
- **Function description:** Author can view a list of submissions in the conference.
- **Screen layout:**

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7 submissions in total						
	#	Paper ID	Title	Track	Files	Status
1	9b31c4ade	Secure and Efficient Data Ag...	Secure and Efficient Data Ag...	Test1	Submission Files: • sample-submission.pdf Download Submission Camera Ready Files: • sample-camera-ready.pdf Download Camera Ready Copy Right Files: • sample-copyright.pdf Download Copy Right Files	Accept Reviews
2	d1ff-c4ade	Responsive Web Design for ...	Responsive Web Design for ...	Test1	Submission Files: • sample-submission.pdf Download Submission Camera Ready Files: • sample-camera-ready.pdf Download Camera Ready Copy Right Files: • sample-copyright.pdf	Accept Reviews

- This function requires the user to login to the system with the role “**Author**”.
- If submission has results, the system shows a list of submission in conference included: Paper id, Title, PC Chair note, Abstract, Track, List files, Status, Deadline time. If not, system return a message “No record to display”.
- The Action column will display actions based on the phase of the conference.
 - “Open for Submission Edit” phase will display actions button: “Edit Submission”, “Delete Submission”, “Edit Conflicts”.
 - “Open for Supplementary Materials” phase will display actions button: “Upload Supplementary”, “Edit Supplementary”, “Delete Supplementary”.
 - “Open for Revision Submission” phase will display actions button: “Upload Revision”, “Edit Revision”, “Delete Revision”.
 - “Open for Camera Ready Submission” phase will display actions button: “Create Camera ready”, “Edit Camera ready”, “Delete Camera ready”.
 - “Open for Presentation Submission” phase will display actions button: “Upload Presentation”, “Edit Presentation”, “Delete Presentation”.

3.2.50 <Author> Upload Supplementary

- **Function trigger:** Click “Upload Supplementary” button in the “Author Console” table action column.
- **Function description:** Author can upload supplementary materials file for submission.
- **Screen layout:**

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The screenshot shows the SRASS system interface. At the top, there's a header with the logo, 'Submission', 'My Registration', 'Your Role: AUTHOR', 'Anh Nguyen', and a dropdown for 'FPTU HCM Student Research Competition 2023 (FPTU SRC 2023)'. Below the header, the main content area has a title 'Upload Supplementary Material files'. It displays a paper entry with Paper ID: be75-c4add, Paper title: Deep Reinforcement Learning for Autonomous Drone Navigation, and Track name: Information Technology. A file upload section allows for up to three files of 10 Mb max in doc, docx, or pdf formats. Buttons for 'Go Back' and 'Upload Supplementary Material' are at the bottom.

- This function requires the user to login to the system with the role “Author”.
- This function requires to upload presentation file. Then click button “Upload Supplementary Material” to submit.

3.2.51 <Author> My Registration

- **Function trigger:** Author clicks “My Registration” on header.
- **Function description:** Author view their registration submissions.
- **Screen layout:**

The screenshot shows the 'My Registration' page. The header includes the logo, 'Submission', 'My Registration', 'Your Role: AUTHOR', 'Shree Patel', and the competition details. The main content area is titled 'My Registration' and shows a table of submission results. The columns include: #, Paper, Track, Registered, Register Option, Order, Registrant, and Requested Presentation. There are 4 rows of data, each corresponding to a submission by Shree Patel. The table includes buttons for 'VIEW ORDER' and 'SYNC'.

#	Paper	Track	Registered	Register Option	Order	Registrant	Requested Presentation
1	Automated Testing Frame...	Information Tech...	Yes	Free-of-Charge Option	VIEW ORDER	Shree Patel (shree_patel@gmail.com) Organization: HCM Campus, FPT University Country: Vietnam	No
2	Performance Optimization...	Information Tech...	Yes	Free-of-Charge Option	VIEW ORDER	Shree Patel (shree_patel@gmail.com) Organization: HCM Campus, FPT University Country: Vietnam	No
3	Responsive Web Design f...	Information Tech...	Yes	FPT Member	VIEW ORDER	Shree Patel (shree_patel@gmail.com) Organization: HCM Campus, FPT University Country: Vietnam	No
4	Secure and Efficient Data ...	Information Tech...	Yes	Free-of-Charge Option	VIEW ORDER	Shree Patel (shree_patel@gmail.com) Organization: HCM Campus, FPT University Country: Vietnam	No

- This function requires the user to login to the system with the role “Author”.
- If submission has results, the system shows a list of submission in conference included: Paper title, Track name, Primary subject area, Secondary subject area, Authors, Registered, Register option, Order, Registrant, Request for presentation, Presentation completely, Presenters. If not, system return a message “No record to display”.

3.2.52 <Author> Registration

- **Function trigger:** Author click on the “Register Paper” button in “Submission Console” for author.
- **Function description:** Authors can register submissions, and whether this costs money depends on the conference configuration.

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- Screen layout:

The screenshots illustrate the user interface for paper registration. The top screenshot shows a table with three columns: Option, Early Registration, and Regular Registration. It lists options for FPT Member, Charge: One Extra Page, and Charge: One Extra Paper, with corresponding prices in VND. The bottom screenshot shows a table with four rows, each containing a title and a checkmark icon in the 'Check' column, indicating registered submissions.

Option	Early Registration	Regular Registration
FPT Member	600.000 VND	700.000 VND
Charge: One Extra Page	200.000 VND	400.000 VND
Charge: One Extra Paper	500.000 VND	600.000 VND

Stt	Title	Check
1	Responsive Web Design for Cross-Platform Compatibility	<input checked="" type="checkbox"/>
2	Performance Optimization Techniques for Mobile Apps	<input type="checkbox"/>
3	Automated Testing Framework for Agile Software Development	<input type="checkbox"/>
4	Secure and Efficient Data Aggregation in IoT Networks	<input type="checkbox"/>

- This function requires the user to login to the system with the role “**Author**”.
- The table with header’s green background contains options for selecting submission to register. This has to case:
 - If the configuration of price is not free, it will show options with:
 - Option name.
 - Early Registration Price.
 - Regular Registration Price.
 - If the configuration of price is free, it only shows one option with:
 - Option name.
 - Regular Registration Price is 0VND.
- The table with header’s green background contains registrable submissions. If the submission is selected, then an icon “Check” appears at the end of submission row.

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- The “Paper Registration Form” is where the Author select the option, then select the submission and enter the pages of submission to register.
- If Author wants two or more paper for registration, Author can click on “+ ADD” button to add more form to choose more submissions.
- Author clicks on “CHECK OUT” button to move to next step.

3.2.53 <Author> Payment

- **Function trigger:** After Author clicking on “CHECK OUT” button at “Registration Paper” page.
- **Function description:** Author can make a payment after revising the information
- **Screen layout:**

SRASS Submission My Registration
19/11/2023, 5:37:06 PM

Your Role: AUTHOR Shree Patel

FPTU HCM Student Research Competition 2023 (FU HCM SRC 2023)

Checkout

Review your order

Product	Price	Quantity	Sub Total
Main Paper FPT Member	600.000 VND	x 1	600.000 VND
Extra Page	200.000 VND	x 2	400.000 VND

Payment Method

PayPal

Order Total 1.000.000 VND

Thẻ ghi nợ hoặc tín dụng

- This function requires the user to login to the system with the role “**Author**”.
- Author can make payment after reviewing list information

3.2.54 <Author> Payment Confirmation

- **Function trigger:** After Author making payment at “Payment” step at “Registration Paper” page.
- **Function description:** Author can view status the payment
- **Screen layout:**

SRASS Submission My Registration
19/11/2023, 5:40:44 PM

Your Role: AUTHOR Shree Patel

FPTU HCM Student Research Competition 2023 (FU HCM SRC 2023)

Payment Successful !

Thank you! Your payment of Registration has been received.

Order ID:

Payment Details

Main Paper FPT Member Quantity: 1	600.000 VND Sub Total: 600.000 VND
Extra Page Quantity: 2	200.000 VND Sub Total: 400.000 VND

Order Total 1.000.000 VND

OK

- This function requires the user to login to the system with the role “**Author**”.
- Author views the status of payment which can be success or failure

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- Click on “Ok” button to move to “Registration summary” step

3.2.55 <Author> Registration Summary

- **Function trigger:** After Author confirm the status of payment at “Confirmation” step at “Registration Paper” page.
- **Function description:** Author can view summary information of all registration submission
- **Screen layout:**

Authors	Number of Pages	Number of Extra Pages
Shree Patel (shree_patel@gmail.com) Organization: HCM Campus, FPT University Ava Miller (ava.g.miller@email.com) Organization: Rockwell College	6	2

- This function requires the user to login to the system with the role “**Author**”.
- Author can view two types of information:
 - Registration Information:
 - Registrant
 - Registrant Organization
 - Conference Name
 - Conference Short Name
 - Paper Information:
 - Paper Title
 - Paper Id
 - Authors
 - Number of pages
 - Number of extra pages
- Click on “Finish” button to go back to “Submission Console” page

3.2.56 <Author> Author View Review

- **Function trigger:** Author clicks “View Review” button in the “Author Console” table action column.
- **Function description:** Author can view reviewers' reviews of submission with content such as scores, comments for the author.
- **Screen layout:**

- This function requires the user to login to the system with the role “**Author**”.
- Author can view list of reviews included: average evaluation score, comments for authors.

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3.2.57 <Reviewer> Reviewer Console

- **Function trigger:** Reviewer clicks conference name on “Conferences”.
- **Function description:** Reviewer can view a list of submissions assigned for review in conference.
- **Screen layout:**

The screenshot shows the SRASS Reviewer Console. At the top, there is a header bar with the SRASS logo, a navigation menu with "Assigned Submission" and "Settings", and user information: "Your Role: REVIEWER" and "Alessandro Muci". Below the header, it displays the date and time: "15/10/2023, 5:10:20 PM". A banner indicates the current competition: "FPTU HCM Student Research Competition 2023 (FU HCM SRC 2023)".

The main area is titled "Reviewer Console" and shows the following details:

- Conference name: FPTU HCM Student Research Competition 2023
- Short name: FU HCM SRC 2023
- Reviewer: Alessandro Muci (alessandro_muci@gmail.com)
- Assigned review: 9/9
- Quota: (not explicitly shown)

A "SYNC" button is present. Below this, there are two tabs: "All Submissions (9)" and "Reviewed Submissions (9)", with "All Submissions" being the active tab.

The main table displays 9 submissions in total, with the following columns:

#	Paper ID	Title	Track	Authors	Primary Subject Area	Secondary Subject Area
1	1e77-ft34b	Privacy-Preserving Machine Learning in Distributed Environments	Information Technology	<ul style="list-style-type: none">Sofia Russell (sofia.g.russell@email.com)Organization: Skyline CollegeChristopher Scott (christopher.j.scott@email.com)Organization: Bayview University	Data Science and Analytics	<ul style="list-style-type: none">Digital Marketing and Online AdvertisingIT Project Management
2	c8f0-ft34b	Robust Face Recognition using Deep Convolutional Neural Networks	Information Technology	<ul style="list-style-type: none">Elizabeth King (elizabeth.r.king@email.com)Organization: Bayview CollegeNatalie Parker (natalie.c.parker@email.com)Organization: Reservoir College	Mobile Application Development	<ul style="list-style-type: none">Digital Marketing and Online AdvertisingE-commerce and Online Retail
3	8672-ft34b	Exploring the Impact of Blockchain on Supply Chain Transparency	Information Technology	<ul style="list-style-type: none">Alexander Hall (alexander.j.hall@email.com)Organization: Brookside UniversityAva Miller (ava.g.miller@email.com)Organization: Rockwell College	Virtual Reality and Augmented Reality	<ul style="list-style-type: none">Database ManagementIT Project Management

At the bottom right, there are pagination controls: "Rows per page: 15", "1-9 of 9", and navigation arrows.

- This function requires the user to login to the system with the role “Reviewer”.
- Reviewer can view reviewer full name, reviewer email, assigned review, quota of reviewer.
- Reviewer can click on “All Submissions” tab to view all submissions assigned to reviewer and click on “Reviewed Submissions” tab to view list of submissions that the reviewer has reviewed among the assigned submissions.
- This function returns a list of submissions assigned to reviewer included: Paper Id, Title, Track, Authors, Primary subject area, Secondary subject area, Submission files, Supplementary materials, Revision files, Deadline Time.

3.2.58 <Reviewer> Reviewer View Review

- **Function trigger:** Reviewer click “View Review” button in the “Reviewer Console” table action column.
- **Function description:** Reviewer can view review of submission with content such as scores, suggestions for the PC Chair, and comments for the author.
- **Screen layout:**

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The screenshot shows the SRASS Reviewer Console interface. At the top, there is a header bar with the SRASS logo, user role (REVIEWER), and user name (Alessandro Muci). Below the header, the date and time (15/10/2023, 5:09:31 PM) are displayed. The main content area is titled "View Reviews". It shows a table of "RESEARCH PAPER REVIEW CRITERIA" with three rows. The first row is "Relevance and Alignment", the second is "Quality of Research and Methodology", and the third is "Contribution and Impact". Each row has a "Name" column, an "Evaluation Criteria" column, a "Factor" column (30%), and a "Grade" column (20/100, 30/100, 40/100 respectively). Below the table, the average evaluation score is shown as 31/100. The "DETAILS RESEARCH PAPER REVIEW CRITERIA" section contains two boxes: one for "Suggestions for Chair" and one for "Comments for Authors". Both boxes contain placeholder text.

No	Name	Evaluation Criteria	Factor	Grade
1	Relevance and Alignment	Evaluate the paper's relevance to the conference theme, topics, and scope. Assess how well the paper addresses the conference's focus and objectives. Consider whether the paper's content is aligned with the conference's overarching goals.	30%	20/100
2	Quality of Research and Methodology	Review the research design, methodology, and data analysis presented in the paper. Evaluate the robustness of the methodology, the appropriateness of the chosen research methods, and the rigor of the analysis. Consider whether the research methods effectively support the paper's objectives.	30%	30/100
3	Contribution and Impact	Assess the paper's contribution to the field and its potential impact. Consider whether the paper offers new insights, challenges existing knowledge, or provides innovative solutions. Evaluate the significance of the findings and the potential implications for research, practice, or policy.	40%	40/100

Average Evaluation score (Average Score of Above Criteria): 31/100

DETAILS RESEARCH PAPER REVIEW CRITERIA

Review File:
Suggestions for Chair:
I recommend that the paper titled "Automated testing framework for Agile software Development" be reviewed for possible inclusion in our conference proceedings. The paper addresses a significant topic in software engineering, specifically focusing on the development of an automated testing framework tailored for agile software development practices. Given the increasing importance of agile methodologies in modern software development, this paper's content is highly relevant to our conference theme.

Comments for Authors:
I want to express my appreciation for your submission titled "Automated Testing Framework for Agile Software Development." Your work addresses an important topic in the realm of software engineering, focusing on the development of an automated testing framework tailored for agile software development practices. Given the growing significance of agile methodologies in modern software development, your research has the potential to make a valuable contribution to our field.
I understand that revising a paper can be a challenging but essential process. Your paper holds great promise, and addressing these points will significantly enhance its quality and potential for acceptance in our conference proceedings.
Thank you for your dedication to advancing our field, and I eagerly anticipate the revised version of your paper.

[Go Back](#)

- This function requires the user to login to the system with the role “Reviewer”.
- Reviewer can view review included: average evaluation score, suggestions for the PC Chair, and comments for the author.

3.2.59 <Reviewer> Enter Review

- **Function trigger:** Reviewer click “Enter Review” button in the “Reviewer Console” table action column.
- **Function description:** Reviewer can review the assigned submission.
- **Screen layout:**

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 SRASS Assigned Submission Settings
15/10/2023, 5:03:24 PM ⓘ

Your Role: REVIEWER Alessandro Muci · FPTU HCM Student Research Competition 2023 (FU HCM SRC 2023) ·

Review Paper Submission

Paper ID: 0ab7-ff34b ⓘ
Title: Automated Testing Framework for Agile Software Development

RESEARCH PAPER REVIEW CRITERIA					
Order	Criteria Title	Evaluation Criterion	Grade	Grade Level	Weight (%)
1	Relevance and Alignment	Evaluate the paper's relevance to the conference's focus and objectives. Assess how well the paper addresses the conference's focus and objectives. Consider whether the paper's content is aligned with the conference's overarching goals.	0	100	30
2	Quality of Research and Methodology	Review the research design, methodology, and data analysis presented in the paper. Evaluate the validity of the conclusions, the appropriateness of the chosen research methods, and the rigor of the analysis. Consider whether the research methods effectively support the paper's objectives.	0	100	30
3	Contribution and Impact	Assess the paper's contribution to the field and its potential impact. Consider whether the paper offers new insights, challenges existing knowledge, or provides innovative solutions. Evaluate the significance of the findings and the potential implications for research, practice, or policy.	0	100	40

Average Evaluation score (Average Score of Above Criteria) ⓘ 0/100

REVIEW SUGGESTION FOR CHAIR

REVIEWER(S) COMMENT TO AUTHORS

I, Alessandro Muci, agree that my submitting score is completely fair and accurate.

[Go Back](#) [Submit Review](#)

- This function requires the user to login to the system with the role “Reviewer”.
- Reviewer fills in all required fields included: grades, suggestion for PC Chair, comment for authors.
- This function requires selecting checkbox to confirm that score submitting is fair and accurate. Then click button “Submit Review” to submit review.

3.2.60 <Reviewer> Define Conflicts

- **Function trigger:** Reviewer click “Define Conflicts” button in the “Reviewer Console” table action column.
- **Function description:** Reviewer can define conflicts for submission.
- **Screen layout:**

 SRASS Assigned Submission Settings
15/10/2023, 5:10:47 PM ⓘ

Your Role: REVIEWER Alessandro Muci · FPTU HCM Student Research Competition 2023 (FU HCM SRC 2023) ·

Reviewer Define Conflicts of Interest

Track name: Information Technology
Paper ID: 1e77-ff34b ⓘ
Paper title: Privacy-Preserving Machine Learning in Distributed Environments

Is a author/co-author
 Is a relative or a friend
 Is/Was a Primary Thesis Advisor at any time
 Is/Was a colleague (in last 2 years)
 Is/Was a collaborator (in last 2 years)
 Has (a) domain conflicts

[Go Back](#) [Save Changes](#)

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- This function requires the user to login to the system with the role “Reviewer”.
- Reviewer can select conflict of interest for submission and then click “Save Changes” to save conflicts.

3.2.61 <Reviewer> Reviewer Information Setting

- **Function trigger:** Reviewer click on the “Settings” on header.
- **Function description:** Reviewer can manage subject areas and quota in conference.
- **Screen layout:**

The screenshot shows a web-based application interface for managing reviewing information. At the top, there's a navigation bar with the logo 'SRASS', 'Assigned Submission', 'Settings', 'Your Role: REVIEWER', and a user name 'Alessandro Muci'. Below the navigation is a date and time indicator '04/09/2023, 5:47:19 PM'. A banner at the top right says 'FPTU HCM Student Research Competition 2023 (FPT HCM SRC 2023)'. The main content area is titled 'My Reviewing Information'. It displays a table with the following columns: #, Conference, Short Name, Track, Primary, Secondary, Quota, and Actions. There is one row of data: #1, FPTU HCM Student Research Competition 2023, FU HCM SRC 2023, Information Technology, Artificial Intelligence and Machine Learning, a list of secondary subject areas (Cybersecurity and Network Security, Data Science and Analytics, Database Management, Mobile Application Development), Quota 10, and an 'Actions' button. The bottom of the table has pagination controls for 'Rows per page' (5), '1-1 of 1', and arrows.

- This function requires the user to login to the system with the role “Reviewer”.
- Reviewer can view account full name, account Id, email, country, domain conflicts.
- This function returns a list of conference reviewer attend to included: Conference name, Conference short name, Track name, Primary subject area, Secondary subject area, Quota.

3.2.62 <Reviewer> Reviewer Edit Domain Conflict

- **Function trigger:** Reviewer click on the next to domain conflicts.
- **Function description:** Reviewer can update domain conflict in conference.
- **Screen layout:**

The screenshot shows a modal dialog box titled 'Domain Conflict' with a single input field 'Enter domain conflict' and two buttons: 'Cancel' and 'Save Changes'. This dialog is overlaid on the 'My Reviewing Information' page, which is visible in the background. The background page shows the same table of subject areas and conference details as the previous screenshot.

- This function requires the user to login to the system with the role “Reviewer”.
- Reviewer will edit domain conflict and then click “Save Changes” to update or click “Cancel” to cancel.
- When clicking “Save Changes”, if success, it will return to “Reviewer Information Setting” screen, else, error message will show.

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3.2.63 <Reviewer> Edit Quota

- **Function trigger:** Reviewer click “Edit Quota” in the “Reviewer Information Setting” table action menu.
- **Function description:** Reviewer can edit quota in conference.
- **Screen layout:**

The screenshot shows the 'Edit Quota' page. At the top, there's a header with the SRASS logo, 'Assigned Submission', 'Settings', 'Your Role: REVIEWER', 'Alessandro Muci', and 'FPTU HCM Student Research Competition 2023 (FU HCM SRC 2023)'. The main area has a title 'Edit Quota'. It contains three input fields: 'Track name' (Information Technology), 'Conference name' (FPTU HCM Student Research Competition 2023), and 'Quota' (0). There's also a checkbox labeled 'Adjust quota'. At the bottom are two buttons: 'Go Back' and 'Save Changes'.

- This function requires the user to login to the system with the role “Reviewer”.
- Reviewer can select “Adjust quota” checkbox to input quota number.
- When clicking “Save Changes”, if success, it will return to “Reviewer Information Setting” screen, else, error message will show.

3.2.64 <Reviewer> Select Subject Areas

- **Function trigger:** Reviewer click “Select Subject Areas” in the “Reviewer Information Setting” table action menu.
- **Function description:** Reviewer can select subject areas in conference.
- **Screen layout:**

The screenshot shows the 'Select Subject Areas' page. At the top, there's a header with the SRASS logo, 'Assigned Submission', 'Settings', 'Your Role: REVIEWER', 'Alessandro Muci', and 'FPTU HCM Student Research Competition 2023 (FU HCM SRC 2023)'. The main area has a title 'Select Subject Areas'. It shows a table with two columns: 'Primary' and 'Secondary'. The 'Primary' column lists various subject areas like Artificial Intelligence and Machine Learning, Big Data and Data Warehousing, etc. The 'Secondary' column lists sub-topics under each primary category. At the bottom are two buttons: 'Go Back' and 'Save Changes'.

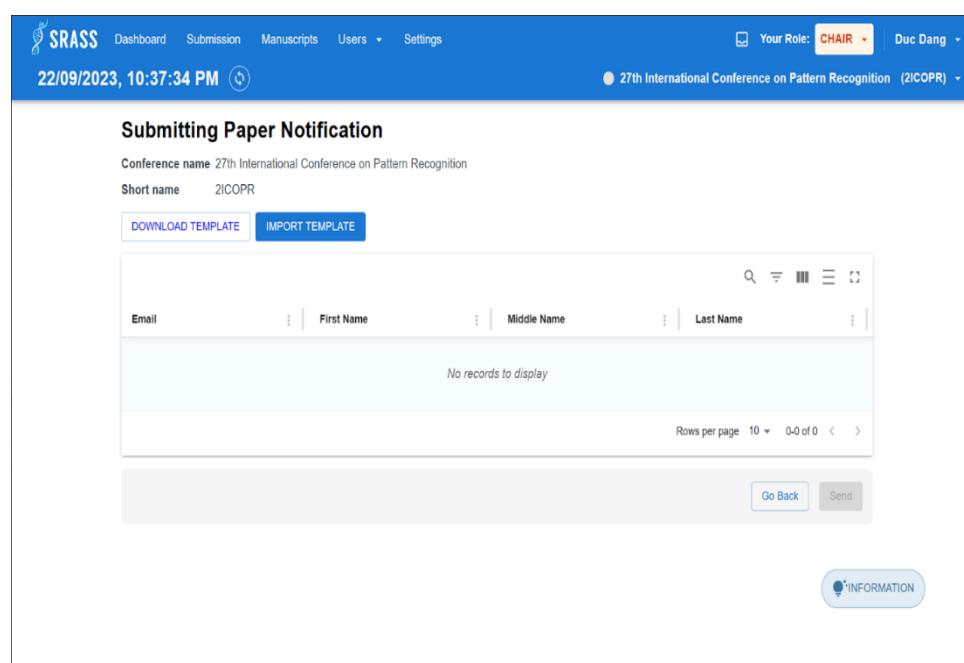
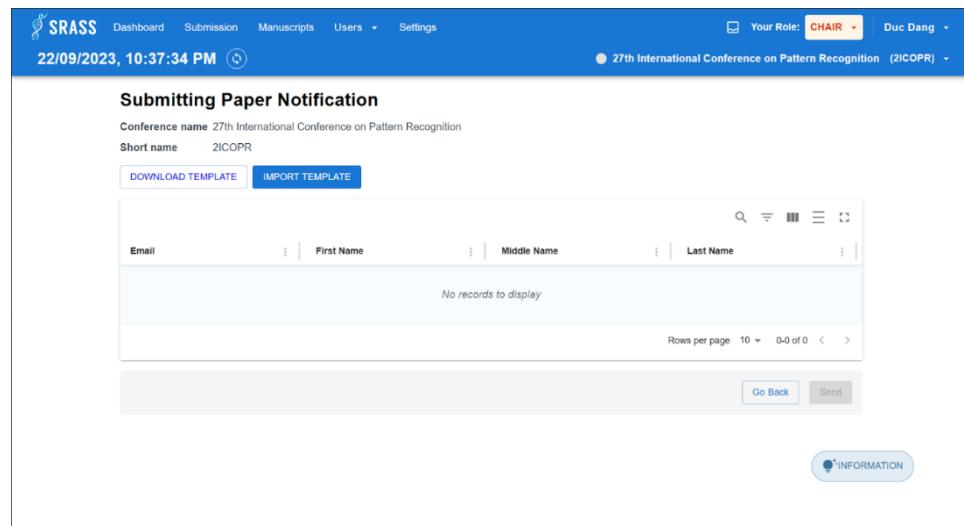
- This function requires the user to login to the system with the role “Reviewer”.
- This function return list of subject areas in conference, reviewer can select up to 1 primary subject area, and multiple secondary subject areas can be selected.

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- When clicking “Save Changes”, if success, it will return to “Reviewer Information Setting” screen, else, error message will show.

3.2.65 <PC Chair> Notify Open Submission

- **Function trigger:** PC Chair click on the “Submission” on header, after that PC Chair click on “Actions” button, dropdown will be appeared, then choose the “Notification Open For Submission” button.
- **Function description:** PC Chair imports the email list to send emails calling for submissions to the conference.
- **Screen layout:**



- This function requires the user to login to the system with the role “PC Chair”
- PC Chair click on “DOWLOAD TEMPLATE” button to download template and fulfil emails information following to template’s structure.
- After fulfilling emails in template, then PC Chair can click on “IMPORT TEMPLATE” to import list email information.
- PC Chair click on “Send” button to send list emails.

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- If PC Chair do not want to send emails, PC Chair can click on “Go Back” button to back to “Submission Console” page.

3.2.66 <Admin> Admin Conferences

- **Function trigger:** Authenticated User after login into system as “admin” role.
- **Function description:** PC Chair can view all conferences have been created.
- **Screen layout:**

Name	Start Date	End Date	Location	Website Link	Status	Actions	Final Report
CONFERENCE 25/8	26/08/2023	20/01/2024	TP HCM, Vietnam	Link not provided	Ongoing	Create Website	<i>There are currently no report</i>
CONFERENCE FULLDAY	26/08/2023	13/01/2024	TP HCM, Vietnam	Link not provided	Ongoing	Create Website	<i>There are currently no report</i>
Project Management 202	10/08/2023	07/06/2024	TP HCM, Vietnam	Go to Page	Ongoing	Create Website	<i>There are currently no report</i>
Proceedings of the VLDB Volume 17	24/08/2023	24/12/2023	TP HCM, Vietnam	Go to Page	Ongoing	Create Website	<i>There are currently no report</i>
6th AsiaEngage Conference 2024	26/08/2023	31/12/2023	TP HCM, Vietnam	Link not provided	Ongoing	Create Website	<i>There are currently no report</i>
European Conference on Integrated Optics 2024	26/08/2023	31/12/2023	TP HCM, Vietnam	Link not provided	Ongoing	Create Website	<i>There are currently no report</i>
Thirty-eighth National Convention of Mechanical	26/08/2023	13/01/2024	TP HCM, Vietnam	Link not provided	Ongoing	Create Website	<i>There are currently no report</i>
The 6th International Conference on Unsaturated Soils (UNSATChief-2024)	25/08/2023	09/02/2024	TP HCM, Vietnam	Go to Page	Ongoing	Create Website	<i>There are currently no report</i>
DEMO CONFERENCE 8/11	12/08/2023	19/09/2024	TPHCM, Vietnam	Link not provided	Ongoing	Create Website	<i>There are currently no report</i>

- This function requires the user to login to the system with the role “**Admin**”.
- PC Chair can view and search for conferences information.
- PC Chair can click on “CREATE CONFERENCE” to create new conference.
- PC Chair can edit the conference website link and create a new content webpage for a conference.
- If the webpage content of conference is existed, PC Chair can edit or delete the webpage content.
- After the conference has finished, a “EXPORT FINAL REPORT” appear. Or else “There are currently no report” appear.

3.2.67 <Admin> Create Conference

- **Function trigger:** Admin click on “CREATE CONFERENCE” at “Conferences” page.
- **Function description:** PC Chair can create new conference.
- **Screen layout:**

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The screenshot shows the 'New Conference' form. At the top right, there is a 'admin' dropdown. The form is divided into several sections: 'CONFERENCES DETAILS' (Conference full name, Short name of the conference, Country, City, Conference website, Start Date, End Date), 'CHAIRS' (a table for adding users with columns: Email, First Name, Last Name, Organization, Country/Region, Action), 'TRACKS MANAGEMENT' (+ ADD TRACK), and 'CONFERENCE LOGO' (a file upload area with a placeholder 'Drop your image here, or Browse'). At the bottom are 'GO BACK' and '+ CREATE CONFERENCE' buttons.

- This function requires the user to login to the system with the role “**Admin**”
- To create new conference, Admin must fulfil all required information:
 - Enter Conference full name
 - Enter Conference short name.
 - Select country
 - Enter Country
 - Search user email. Then add user to PC Chairs list
 - Create tracks for conference by clicking on “+ ADD TRACK”
 - Add logo for conference
- Clicking on “+ CREATE CONFERENCE” to create conference after fulfilling valid information.
- Clicking on “Go Back” to return “Conferences” page.

3.2.68 <Admin> Website Template Selection

- **Function trigger:** Admin click on “CREATE WEBSITE” at “Conferences” page.
- **Function description:** Admin can select template and create navbar for webpage content.

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- **Screen layout:**

The screenshot shows the 'Create Website' interface. At the top, there are three numbered steps: 1. Choose template, 2. Create web page, and 3. Export Website. The 'ADMIN' user is logged in. Below the steps is a 'SELECT YOUR TEMPLATE' section with a table:

Choose	Name	Description	Conference has used	Action
<input type="radio"/>	default template	default template or any website	International Conference on Advanced Electrical Engineering 2024 Demo Conference 4/9	
<input type="radio"/>	Test	Test		

Below this is a 'CUSTOM NAVBAR' section with two tabs: 'NAVBAR' and 'SUB NAVBAR'. Under 'NAVBAR', there is a 'Navbar name' input field and an 'ADD NAV' button. Under 'SUB NAVBAR', there is a 'Sub Navbar name' input field and an 'ADD SUB NAV' button. A message 'There is no sub nav here' is displayed. At the bottom right are buttons for 'CREATE NEW TEMPLATE', 'Back to Dashboard', and 'Next'.

A modal dialog box titled 'Create new Template' is open. It contains two input fields: 'Template Name' and 'Template Description'. At the bottom are 'CANCEL' and 'SAVE CHANGES' buttons.

- This function requires the user to login to the system with the role "**Admin**".
- Admin must choose the template, then the default template contains default navbar:
 - Home
 - About
- Admin can create more navbars based on the default navbars after selecting template.
- The navbars is divided into two levels:

- Parent navbar
 - Children navbar will depend on parent navbar
- PC Chair can create children navbar when only choosing parent navbar.
- PC Chair can go back to “Conferences” page by clicking on “Back to Dashboard” button.
- Click “Next” button to move to next step.
- PC Chair can create new template by clicking on “CREATE NEW TEMPLATE” button. Then the pop up will appear. Then PC Chair must fulfil information:
 - Template Name
 - Template Description
- PC Chair click on “Save Changes” button on pop up to create new template.

3.2.69 <Admin> Web Page Content Creation

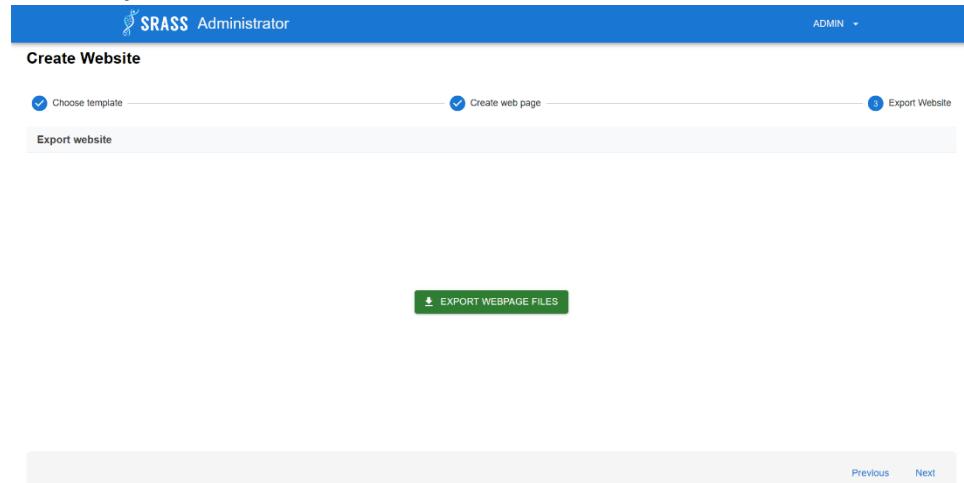
- **Function trigger:** Admin click “Next” button at “Choose Template” step.
- **Function description:** Admin can edit the webpage content for creating content in file html.
- **Screen layout:**

- This function requires the user to login to the system with the role “**Admin**”.
- The left site is the list of navbars, the right site is an editor to edit content for selected navbar.
- There is a guideline for Admin to create link to external page or internal page.
- Admin can preview the how the webpage looks like by clicking on “Preview”.

- Admin can click on one of three buttons at the bottom for:
 - “Back to Dashboard” to go back “Conferences” page
 - “Previous” to back to previous step
 - “Next” to move to next step

3.2.70 <Admin> Export Web Page Content

- **Function trigger:** Admin click “Next” button at “Create web page” step.
- **Function description:** Admin can export all content has been edited at “Create web page” step to files html corresponding to navbars have been created.
- **Screen layout:**

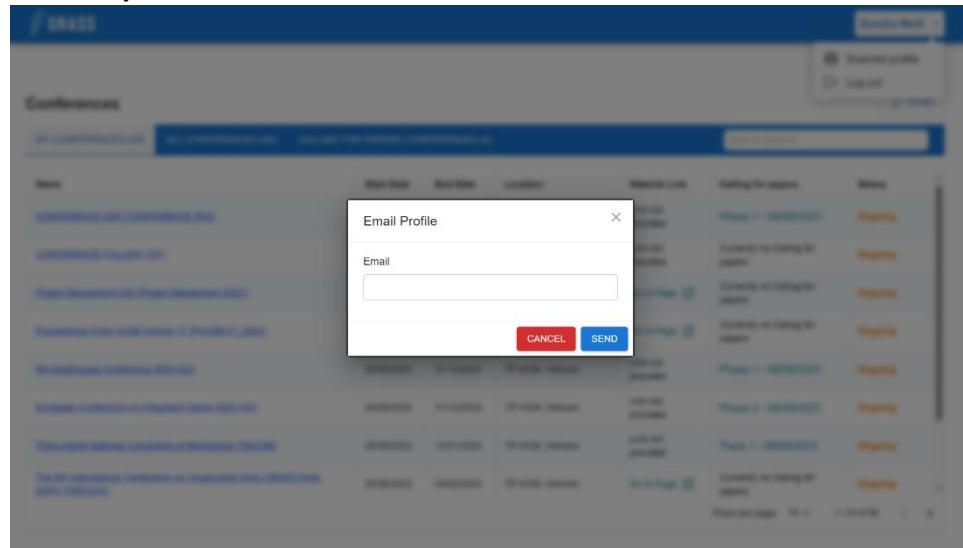


- This function requires the user to login to the system with the role “**Admin**”.
- There is “EXPORT WEBPAGE FILES” button for Admin to export files html then go to “Conferences” page.
- If Admin do not want to export webpage content yet. There are two options:
 - “Previous” button to back previous step
 - “Next” to go to “Conferences” page without exporting

3.2.71 <Authenticated User> Profile Creation

- **Function trigger:** Authenticated User after login into system as “**Authenticated User**” role. Clicking on “Username” button at the top right at screen. Then choose “Scientist profile”
- **Function description:** Authenticated User can create "Lecturer Researcher Profile".

- Screen layout:



- This function requires the user to login to the system with the role “**Authenticated User**”.
- If user has not created profile yet, the pop-up will appear. User must enter the @fpt.edu.vn email then click on “SEND” button to send email. If the email is not @fpt.edu.vn, the error will be thrown out.

Profile Information

Public Name*	Primary Email*
<input type="text"/>	longthse150882@fpt.edu.vn
Date Of Birth*	ORCID*
<input type="text"/> dd/mm/yyyy	<input type="text"/>
Introduction*	Scientist Title*
<input type="text"/>	<input type="text"/>
Home Address*	Administration Position function*
<input type="text"/>	<input type="text"/>
Phone Number*	Year Of Academic Function Achievement*
<input type="text"/> Ex: +2743650254	<input type="text"/> yyyy
Mobile Phone*	Current Degree*
<input type="text"/> Ex: +84948264856	<input type="text"/>
Gender*	Year Of Current Degree Achievement*
<input type="radio"/> Female <input type="radio"/> Male	<input type="text"/> yyyy
Fax*	<input type="text"/>
Go To My Conferences Save Changes	

- After clicking the link on email, it will redirect user to “Profile Information” page to fulfil required information. Then user click on “Save Changes” button to create “Lecturer Researcher Profile”.

3.2.72 <Lecturer> Scientist Profile About

- **Function trigger:** Authenticated User clicks on “Username” button at the top right at screen, then choose “Scientist profile”. Or after clicking on “Save Changes” button at “Profile Information”. The default is “ABOUT” tab.
- **Function description:** Authenticated User can manage “Lecturer Researcher Profile” overview information.
- **Screen layout:**

- This function requires the user to login to the system with the role “**Authenticated User**”.
- There are two types of information in this screen:

- The left site:
 - Authenticated user can use id
 - Authenticated user can use their email
 - Authenticated user can view and modify their website & social links
 - Authenticated user can view and modify their other Ids
 - Authenticated user can view country
- The right site:
 - The top (Academic profile):
 - Authenticated user can view and modify
 - + Public Name (required)
 - + Orcid (required)
 - + Scientist title (required)
 - + Admin position function (required)
 - + Academic rank (required)
 - + Year of academic rank (required)
 - + Current Degree (required)
 - + Year of Current Degree (required)
 - + Also Known as
 - The bottom (Overview):
 - Authenticated user can view and modify:
 - + Home Address (required)
 - + Phone Number (required)
 - + Mobile Phone (required)
 - + Fax (required)
 - + Date of Birth (required)
 - + Gender (required)
 - + Introduction (required)

3.2.73 <Lecturer> Profile Workplace

- **Function trigger:** Authenticated User clicks on "WORKPLACE" tab in "Scientist Profile" page
- **Function description:** Authenticated User can manage the "Lecturer Researcher Profile" current workplace information
- **Screen layout:**

The screenshot shows a modal dialog titled "Current Workplace". Inside the dialog, there are five input fields with labels: "Organization Name" (with a red asterisk), "Organization Phone Number" (with a red asterisk), "Organization Description", "Organization Website", and "GRID". At the bottom of the dialog are two buttons: "CANCEL" and "SAVE CHANGE". The background of the main interface is visible, showing a sidebar with "Author ID", "Email", "Mobile Number", "Other Site", and "Country" sections.

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- This function requires the user to login to the system with the role “**Authenticated User**”.
- There are two types of information in this screen:
 - The left site:
 - Authenticated user can use id
 - Authenticated user can use their email
 - Authenticated user can view and modify their website & social links
 - Authenticated user can view and modify their other Ids
 - Authenticated user can view country
 - The right site:
 - The top (Academic profile):
 - Authenticated user can view and modify:
 - Public Name (required)
 - Orcid (required)
 - Scientist title (required)
 - Admin position function (required)
 - Academic rank (required)
 - Year of academic rank (required)

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- Current Degree (required)
- Year of Current Degree (required)
- Also Known as
- The bottom (Workplace):
 - Authenticated user can view and modify:
 - Organization name (required)
 - Organization phone number (required)
 - Organization description
 - Organization website
 - GRID

3.2.74 <Lecturer> Profile Educations

- **Function trigger:** Authenticated User clicks on "EDUCATIONS" tab in "Scientist Profile" page
- **Function description:** Authenticated User can manage the "Lecturer Researcher Profile" educations information
- **Screen layout:**

The screenshot shows a modal window titled "Create Education". It contains fields for "Full Name Of Degree", "Degree Abbreviation", "Academic Degree" (with a dropdown menu), "Start Year" (with a date picker), "Year Of Graduation" (with a date picker), "Organization Name", "Organization Phone Number", "Organization Description", and "Organization Website". The background of the application shows a sidebar with "Author ID: 5470-4220-3118-3038" and a "Public name: Hien-BT01" section.

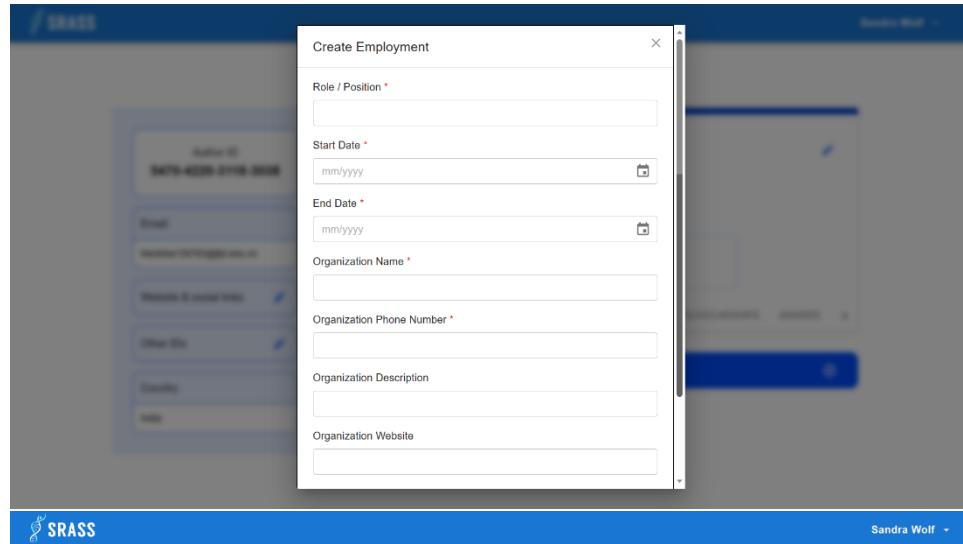
The screenshot shows the "EDUCATIONS" tab selected in the lecturer profile. It displays a summary of education details: "Public name: Hien-BT01", "Academic mentor", "Researcher", "Academic rank: Master Of Engineering", "Year: 2009", "Current Degree: MOE", and "Year: 2019". Below this, there is a table for "Education (1)" showing "FPT Education" with the details "2008 to 2015 | MBA (Master of Business Administration)" and "Education". A "Show less detail" link is also present. The sidebar on the left includes sections for "Email", "Website & social links", "Other IDs", and "Country".

The screenshot shows a user profile page with two main sections. On the left, there's a sidebar with links for 'Profile', 'Research', 'Publications', 'Activities', 'Other IDs', 'Country', and 'Grid'. The main content area is divided into two columns. The top column, titled 'Academic Profile', contains fields for 'Full Name Of Degree' (Master of Business Administration), 'Degree Abbreviation' (MBA), 'Academic Degree' (Master's degree), 'Start Year' (2008), 'Year Of Graduation' (2015), 'Organization Name' (FPT Education), 'Organization Phone Number' (02873005585), and 'Organization Description'. The bottom column, titled 'Education', contains fields for 'Organization Website' and 'GRID'. The right side of the screen shows a blurred view of other parts of the application.

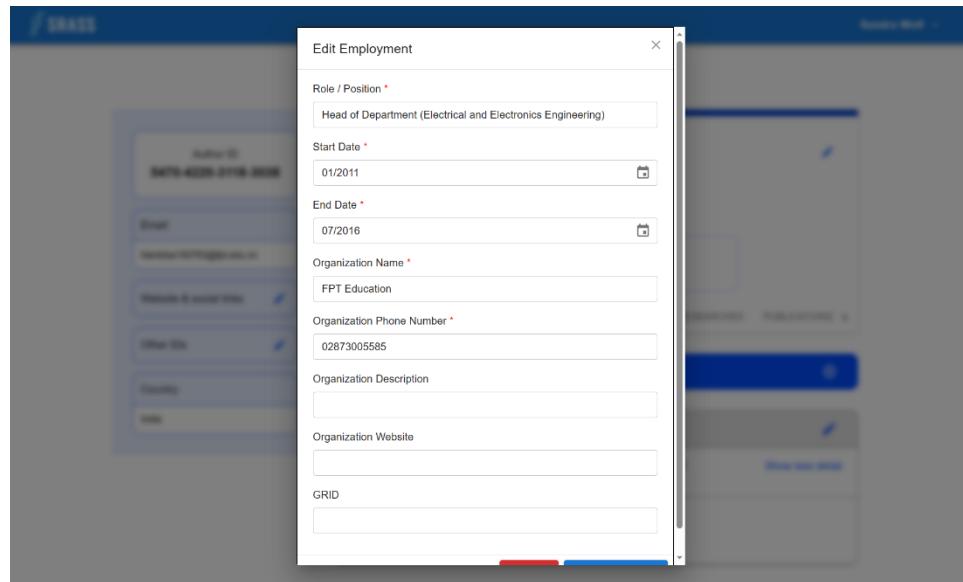
- This function requires the user to login to the system with the role “**Authenticated User**”.
- There are two types of information in this screen:
 - The left site:
 - Authenticated user can use id
 - Authenticated user can use their email
 - Authenticated user can view and modify their website & social links
 - Authenticated user can view and modify their other Ids
 - Authenticated user can view country
 - The right site:
 - The top (Academic profile):
 - Authenticated user can view and modify:
 - + Public Name (required)
 - + Orcid (required)
 - + Scientist title (required)
 - + Admin position function (required)
 - + Academic rank (required)
 - + Year of academic rank (required)
 - + Current Degree (required)
 - + Year of Current Degree (required)
 - + Also Known as
 - Authenticated user can view and modify:
 - + Full name of degree (required)
 - + Degree Abbreviation (required)
 - + Academic degree (required)
 - + Start year (required)
 - + Year of graduation (required)
 - + Organization name (required)
 - + Organization phone number (required)
 - + Organization description
 - + Organization website
 - + GRID

3.2.75 <Lecturer> Profile Employments

- **Function trigger:** Authenticated User clicks on "EMPLOYMENTS" tab in "Scientist Profile" page
- **Function description:** Authenticated User can manage the "Lecturer Researcher Profile" employments information
- **Screen layout:**



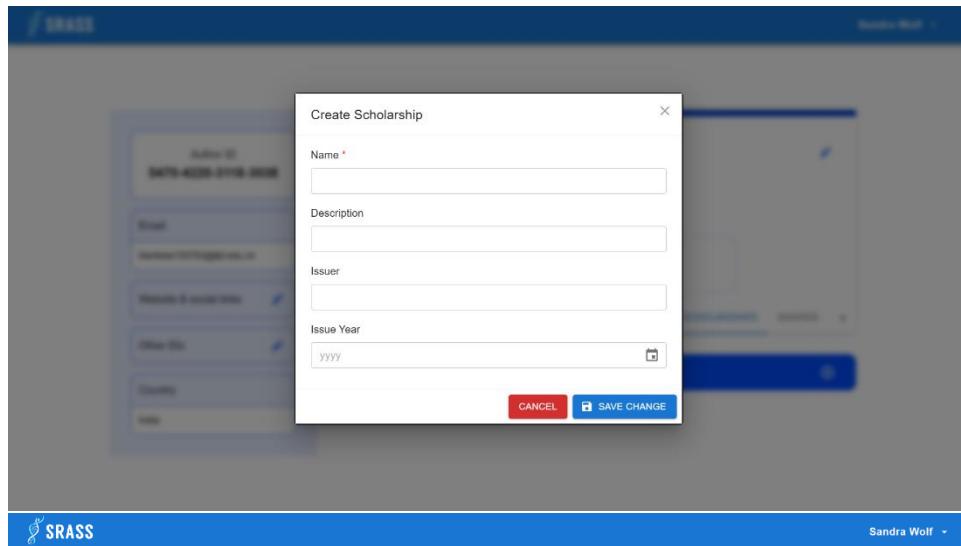
The screenshot shows a detailed view of a lecturer's profile. On the left, there is a sidebar with sections for "Author ID" (5470-4220-3118-3038), "Email" (hientbse150763@fpt.edu.vn), "Website & social links", "Other IDs", and "Country" (India). The main content area has a header with "Public name: Hien-BT01" and "ORCID ID: orcid.org/0009-0000-2477-9117". Below this, it lists "Academic mentor" and "Researcher". It also shows "Academic rank: Master Of Engineering" (Year: 2009) and "Current Degree: MOE" (Year: 2019). A navigation bar at the top includes "ABOUT", "WORKPLACE", "EDUCATIONS", "EMPLOYMENTS" (which is highlighted in blue), "SCHOLARSHIPS", and "AWARDS". The "EMPLOYMENTS" section displays a single entry: "Employment (1)" for "FPT Education" from "01/2011 to 07/2016 | Head of Department (Electrical and Electronics Engineering)". There is a "Show less detail" link next to the employment entry.



- This function requires the user to login to the system with the role “**Authenticated User**”.
- There are two types of information in this screen:
 - The left site:
 - Authenticated user can use id
 - Authenticated user can use their email
 - Authenticated user can view and modify their website & social links
 - Authenticated user can view and modify their other Ids
 - Authenticated user can view country
 - The right site:
 - The top (Academic profile):
 - Authenticated user can view and modify:
 - + Public Name (required)
 - + Orcid (required)
 - + Scientist title (required)
 - + Admin position function (required)
 - + Academic rank (required)
 - + Year of academic rank (required)
 - + Current Degree (required)
 - + Year of Current Degree (required)
 - + Also Known as
 - The bottom (Employments):
 - Authenticated user can view and modify:
 - + Role / Position (required)
 - + Start Date (required)
 - + End Date (required)
 - + Organization name (required)
 - + Organization phone number (required)
 - + Organization description
 - + Organization website
 - + GRID

3.2.76 <Lecturer> Profile Scholarships

- **Function trigger:** Authenticated User clicks on "SCHOLARSHIPS" tab in "Scientist Profile" page
- **Function description:** Authenticated User can manage the "Lecturer Researcher Profile" scholarships information
- **Screen layout:**



Hien-BT01 [orcid.org/0009-0000-2477-9117](#)

Academic mentor
Researcher

Academic rank: Master Of Engineering
Year: 2009

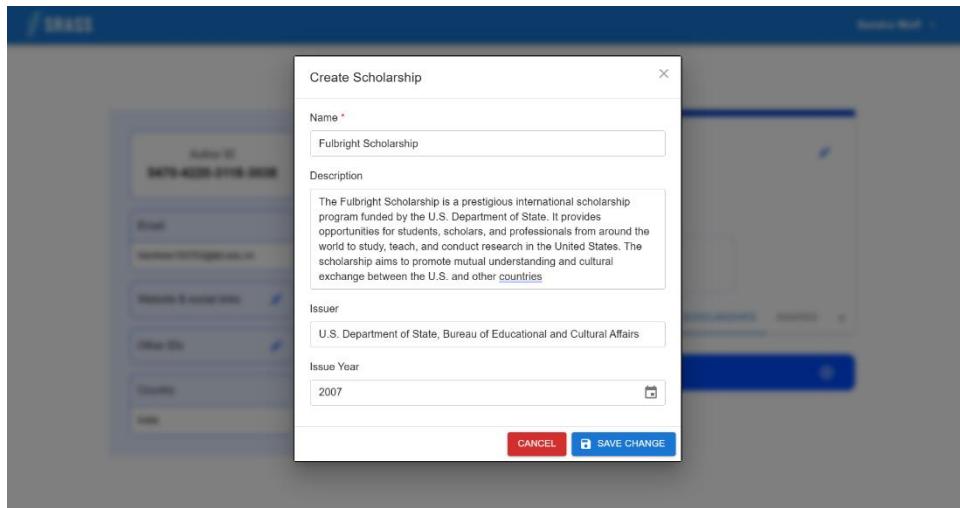
Current Degree: MOE
Year: 2019

SCHOLARSHIPS

Fulbright Scholarship

The Fulbright Scholarship is a prestigious international scholarship program funded by the U.S. Department of State. It provides opportunities for students, scholars, and professionals from around the world to study, teach, and conduct research in the United States. The scholarship aims to promote mutual understanding and cultural exchange between the U.S. and other countries.

U.S. Department of State, Bureau of Educational and Cultural Affairs
issued 2007

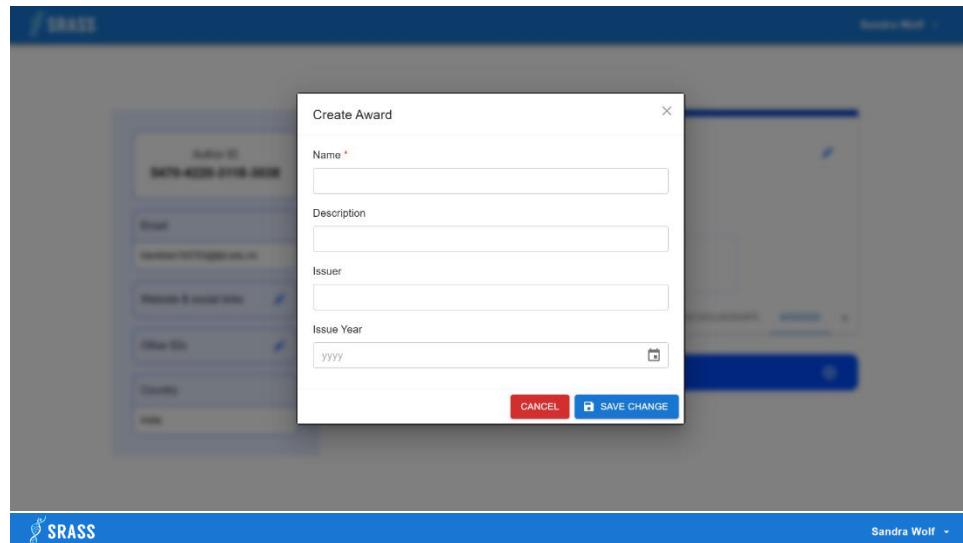
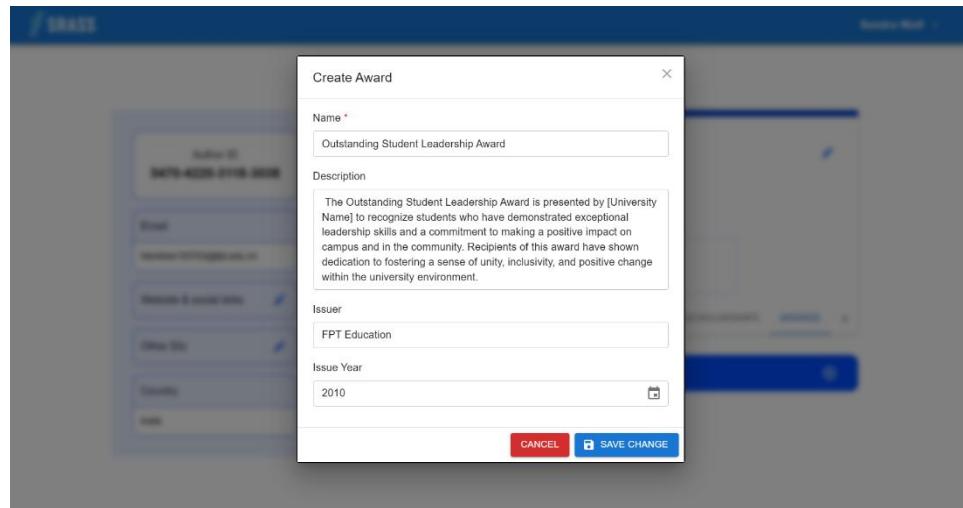


- This function requires the user to login to the system with the role “**Authenticated User**”.
- There are two types of information in this screen:
 - The left site:
 - Authenticated user can use id
 - Authenticated user can use their email
 - Authenticated user can view and modify their website & social links
 - Authenticated user can view and modify their other Ids
 - Authenticated user can view country
 - The right site:
 - The top (Academic profile):
 - Authenticated user can view and modify:
 - + Public Name (required)
 - + Orcid (required)
 - + Scientist title (required)
 - + Admin position function (required)
 - + Academic rank (required)
 - + Year of academic rank (required)
 - + Current Degree (required)
 - + Year of Current Degree (required)
 - + Also Known as
 - The bottom (Scholarships):
 - Authenticated user can view and modify:
 - + Name (required)
 - + Description
 - + Issuer
 - + Issue Year

3.2.77 <Lecturer> Profile Awards

- **Function trigger:** Authenticated User clicks on “AWARDS” tab in “Scientist Profile” page
- **Function description:** Authenticated User can manage the “Lecturer Researcher Profile” awards information
- **Screen layout:**

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- This function requires the user to login to the system with the role “**Authenticated User**”.
- There are two types of information in this screen:
 - The left site:
 - Authenticated user can use id
 - Authenticated user can use their email

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- Authenticated user can view and modify their website & social links
- Authenticated user can view and modify their other Ids
- Authenticated user can view country
- The right site:
 - The top (Academic profile):
 - Authenticated user can view and modify:
 - + Public Name (required)
 - + Orcid (required)
 - + Scientist title (required)
 - + Admin position function (required)
 - + Academic rank (required)
 - + Year of academic rank (required)
 - + Current Degree (required)
 - + Year of Current Degree (required)
 - + Also Known as
 - The bottom (Awards):
 - Authenticated user can view and modify:
 - + Name (required)
 - + Description
 - + Issuer
 - + Issue Year

3.2.78 <Lecturer> Profile Skills

- **Function trigger:** Authenticated User clicks on "SKILLS" tab in "Scientist Profile" page
- **Function description:** Authenticated User can manage the "Lecturer Researcher Profile" skills information
- **Screen layout:**

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The screenshots illustrate the process of creating a skill record in the SRASS system. The top image shows the initial form with empty fields. The middle image shows the user profile page where the skill has been added. The bottom image shows the form again with the skill name filled in.

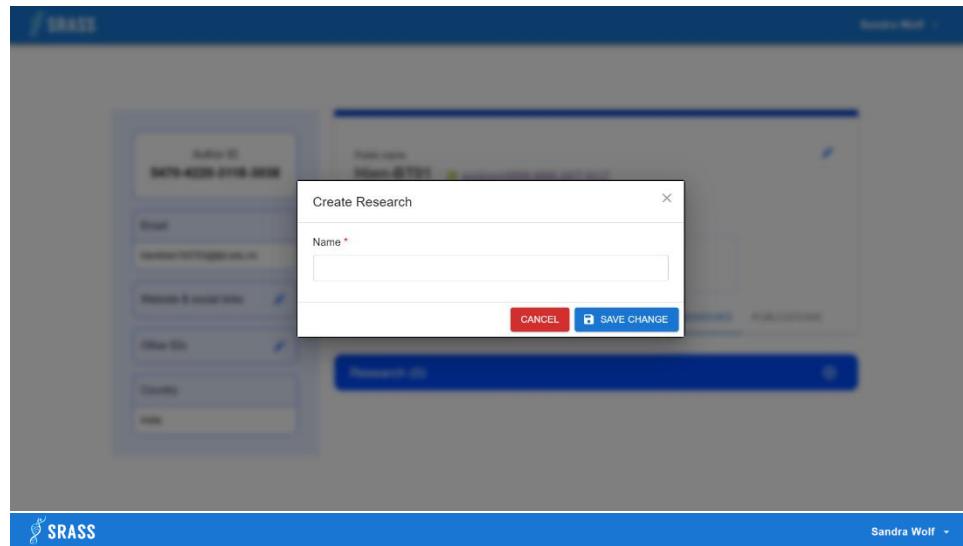
- This function requires the user to login to the system with the role “**Authenticated User**”.
- There are two types of information in this screen:
 - The left site:

- Authenticated user can use id
- Authenticated user can use their email
- Authenticated user can view and modify their website & social links
- Authenticated user can view and modify their other Ids
- Authenticated user can view country
- The right site:
 - The top (Academic profile):
 - Authenticated user can view and modify:
 - + Public Name (required)
 - + Orcid (required)
 - + Scientist title (required)
 - + Admin position function (required)
 - + Academic rank (required)
 - + Year of academic rank (required)
 - + Current Degree (required)
 - + Year of Current Degree (required)
 - + Also Known as
 - The bottom (Skills):
 - Authenticated user can view and modify:
 - + Name (required)
 - + Description
 - + Issuer
 - + Issue Year

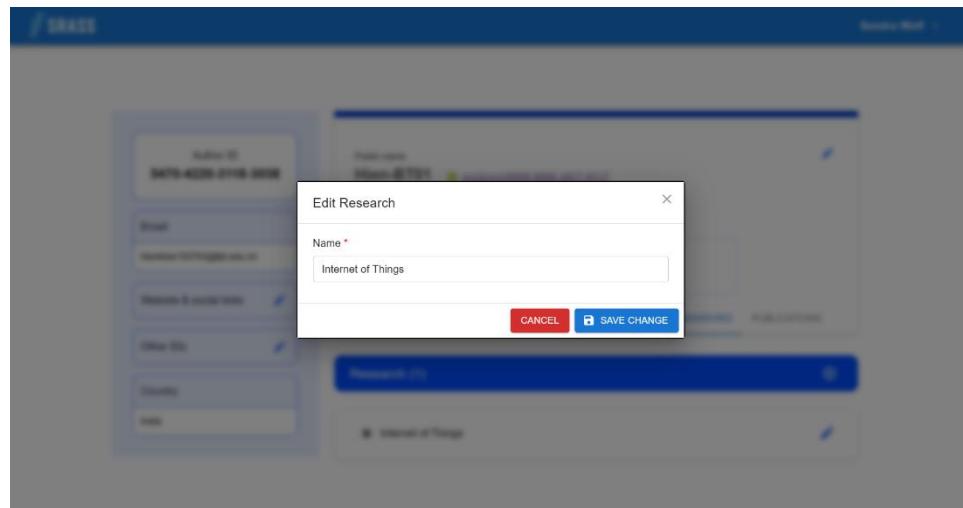
3.2.79 <Lecturer> Profile Researches

- **Function trigger:** Authenticated User clicks on "RESEARCHES" tab in "Scientist Profile" page
- **Function description:** Authenticated User can manage the "Lecturer Researcher Profile" researches information
- **Screen layout:**

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A screenshot of the SRASS system showing a researcher profile. On the left, there is a sidebar with fields for "Author ID" (5470-4220-3118-3038), "Email" (hienbtse150763@fpt.edu.vn), "Website & social links", "Other IDs", and "Country" (India). The main content area shows the researcher's public name "Hien-BT01" with an ORCID link (orcid.org/0009-0000-2477-9117). Below this, under "Academic mentor" and "Researcher", it lists "Academic rank: Master Of Engineering, Year: 2009" and "Current Degree: MOE, Year: 2019". Below these details are tabs for "EMPLOYMENTS", "SCHOLARSHIPS", "AWARDS", "SKILLS", "RESEARCHES", and "PUBLICATIONS". The "RESEARCHES" tab is selected, showing a list titled "Research (1)" containing "Internet of Things".



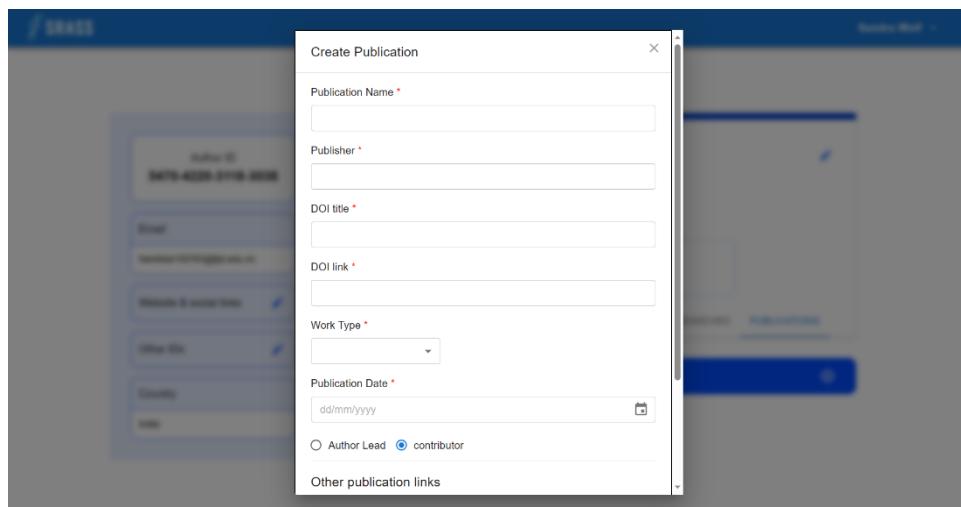
- This function requires the user to login to the system with the role "**Authenticated User**".
- There are two types of information in this screen:
 - The left site:
 - Authenticated user can use id
 - Authenticated user can use their email
 - Authenticated user can view and modify their website & social links

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- Authenticated user can view and modify their other Ids
- Authenticated user can view country
- The right site:
 - The top (Academic profile):
 - Authenticated user can view and modify:
 - + Public Name (required)
 - + Orcid (required)
 - + Scientist title (required)
 - + Admin position function (required)
 - + Academic rank (required)
 - + Year of academic rank (required)
 - + Current Degree (required)
 - + Year of Current Degree (required)
 - + Also Known as
 - The bottom (Researches):
 - Authenticated user can view and modify:
 - + Name (required)

3.2.80 <Lecturer> Profile Publications

- **Function trigger:** Authenticated User clicks on "PUBLICATIONS" tab in "Scientist Profile" page
- **Function description:** Authenticated User can manage the "Lecturer Researcher Profile" publications information
- **Screen layout:**



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The screenshot displays two main sections of the SRASS system. On the left, a sidebar shows basic user information: Author ID (5470-4220-3118-3038), Email (hienbtse150763@fpt.edu.vn), Website & social links, Other IDs, and Country (India). On the right, the user's academic profile is shown, including Public name (Hien-BT01), Academic rank (Master Of Engineering, Year: 2009), Current Degree (MSc, Year: 2019), and a list of Publications (1). The first publication is titled "Cross-Modal Deep Neural Networks based Smartphone Authentication", with details: publisher (Proceedings of the Workshop on Intelligent Cross-data Analysis a), DOI (10.1145/3463944.3469101), and contributors (Nguyen Hoang Trung, Ho Van Nam). Below this is an "Edit Publication" modal window, which allows modification of publication details like Name, Publisher, DOI, Work Type, Date, and Contributors.

- This function requires the user to login to the system with the role “**Authenticated User**”.
- There are two types of information in this screen:
 - The left site:
 - Authenticated user can use id
 - Authenticated user can use their email
 - Authenticated user can view and modify their website & social links
 - Authenticated user can view and modify their other Ids
 - Authenticated user can view country
 - The right site:
 - The top (Academic profile):
 - Authenticated user can view and modify:
 - + Public Name (required)

- + Orcid (required)
- + Scientist title (required)
- + Admin position function (required)
- + Academic rank (required)
- + Year of academic rank (required)
- + Current Degree (required)
- + Year of Current Degree (required)
- + Also Known as
- The bottom (Publications):
 - Authenticated user can view and modify
 - + Publication Name (required)
 - + Publisher (required)
 - + DOI title (required)
 - + DOI link (required)
 - + Work type (required)
 - + Publication date (required)
 - + Author lead / contributor
 - + Other publication links
 - + Contributor names (required)

4. Non-Functional Requirements

4.1 External Interfaces

4.1.1 User Interfaces

- UI-1: The language used in the application is English.
- UI-2: The system will notify the user through a Snackbar whenever an error occurs.

4.1.2 Communications Interfaces

- CI-1: HTTP ver1.1 Protocol is used for communication between web browsers and servers.

4.2 Quality Attributes

4.2.1 Usability

- The language for all users is English.
- SRASS will need less than two days of training for PC Chair and Admin to use.
- Authors and reviewers can easily utilize SRASS with minimal guidance, requiring less than 30 minutes to become proficient in its operation.

4.2.2 Security

- SRASS is segmented into four distinct roles: PC Chair, Admin, Author, and Reviewer. Each role is restricted to accessing and using only the specific set of functions allocated to it.
- Before any data is saved to the database, it is imperative that validation procedures are applied to ensure its accuracy and integrity.
- The system consistently performs authorization and authentication checks before executing any functionality.
- Employing SHA-256 as the hashing algorithm for password encryption.

4.2.3 Maintainability

- SRASS has been divided into various components and modules, which will facilitate future maintenance efforts and enhance overall system manageability.

- Having clear code conventions significantly contributes to making source code both readable and maintainable.

5. Requirement Appendix

5.1 Business Rules

ID	Rule Definition
BR-01	Email confirmation is required to fulfill sign-up activity
BR-02	The program committee monitors a conference's status and progress based on information of the approved conference plan included in the system.
BR-03	The conference final report file will be ready when the conference ends
BR-04	Each conference has at least 1 track or multiple tracks
BR-05	Chair can delete a track if the track does not have any related incumbents
BR-06	Every track needs to define a track plan before progressing to the call for papers phase. The number of revisions needs to be predefined and CANNOT be changed after confirmation. The order of deadlines list CANNOT be changed also
BR-07	An activity deadline can be extended any time until 1 day before the current deadline. The new deadline value CANNOT exceed the next upcoming deadline. Once a deadline has passed, the user CANNOT extend the activity deadline.
BR-08	An activity deadline can be explicitly marked as complete before the deadline.
BR-09	PC chair can delete a subject area if it is not involved with any submissions
BR-10	Authors can only submit a paper when the conference is open for submission. But PC chair can submit a paper on behalf of the authors when necessary, even when the conference has completed the [Open for submissions] phase.
BR-11	Conflicts of interest in the system are a predefined set of the following cases: + Is an author/co-author + Is a relative or a friend + Is/Was a Primary Thesis Advisor at any time + Is/Was a colleague (in last 2 years) + Is/Was a collaborator (in last 2 years) + Has (a) domain conflicts
BR-12	After notifying the result to authors, papers in one of the following statuses CANNOT be changed to any other paper status: - Desk Reject - Accept - Reject The [Revision] notified status implies that their revised version can be submitted when the conference progresses to the revision submission phase. The [Awaiting decision] notified status implies that the papers have not been decided yet and can be changed to another status on the decision marking phase by PC chairs.
BR-13	To support PC chairs in assigning reviewers to submissions, the reviewer is arranged in descending order of recommendation level. The basic idea for the arrangement follows the algorithm specified at [ALG-02].
BR-14	To ensure the quality of the conference papers evaluation, the reviews of each conference should be checked by the algorithm specified at [ALG-03] to detect potential review issues.

BR-15	The corresponding author of a qualified paper needs to register their paper to the list of manuscripts expected to be in a conference proceeding
BR-16	The corresponding author can submit the presentation and specify presenters for the paper if the paper is qualified to be published and make a presentation at the conference.
BR-17	The conference management general procedure summarizes important activities specified in the [Common Requirements] section
BR-18	The system only allows a user to create a profile if they have the registered email with the domain [fe.edu.vn]

Table 20 - Business Rules

5.2 Common Requirements

*The Common Requirements below are the original copies copied from the content of the business side.

STT	QUY TRÌNH	MÔ TẢ
1	Quản lý tài khoản người dùng	Người dùng cần sử dụng địa chỉ email để xác thực tài khoản thông qua email.
2	Theo dõi và điều phối các hoạt động nộp bài tham gia hội nghị	1. Ban chuyên môn hội nghị khoa học đưa những thông tin liên quan từ kế hoạch tổ chức hội nghị đã có vào hệ thống để theo dõi. 2. Hệ thống hỗ trợ việc tiếp nhận bài tham gia hội nghị, theo dõi và cập nhật trạng thái tương ứng với kết quả từ quy trình nộp, đánh giá và ra quyết định với những bài báo tham gia hội nghị. 3. Hỗ trợ việc tổng hợp thông tin liên quan đến hoạt động nộp bài, đánh giá và ra quyết định với những bài báo tham gia hội nghị.
3	Thu thập, tổng hợp và lưu trữ các bài báo hội nghị dự kiến được đưa vào kỷ yếu hội nghị	1. Hệ thống tiếp nhận và lưu trữ những bài báo hội nghị đủ điều kiện và được yêu cầu nộp bản thảo chỉnh sửa (camera-ready). 2. Tác giả nộp bài (corresponding author) của những bài báo được chấp nhận thực hiện đóng tiền phí hội nghị để bản thảo được đưa vào kỷ yếu hội nghị. 3. Đối với những bài báo tham gia hội nghị đủ điều kiện được công bố trong hội nghị, hệ thống hỗ trợ tiếp nhận tài liệu thuyết trình và danh sách diễn giả cho từng bài.
4	(**) Quản lý hồ sơ lý lịch nghiên cứu khoa học của giảng viên trường Đại học FPT Hồ Chí Minh	1. Giảng viên trường Đại học FPT Hồ Chí Minh tạo lập Lý lịch khoa học trên hệ thống. 2. Giảng viên trường Đại học FPT Hồ Chí Minh quản lý và cập nhật Lý lịch khoa học của mình khi có nhu cầu, đặc biệt là công bố khoa học.
5	(**) Hỗ trợ tạo lập trang thông tin cho các hội nghị khoa học	Hệ thống hỗ trợ tạo lập website hội nghị khoa học để hiển thị công khai thông tin hội nghị.
6	Những ràng buộc liên quan	+ Mỗi hội nghị một hoặc nhiều tiểu ban. + Mỗi tiểu ban của hội nghị sẽ có bản tiến độ các công việc riêng biệt tuy nhiên thời hạn cho các công việc này không được vượt quá thời điểm hội nghị kết thúc

Table 21 - Common Requirements

5.3 Algorithms

ALG-01: Subject Area Relevance Score Calculation

Subject Area Relevance Score takes into account overlap between subject areas (primary, secondary) provided by reviewers and authors for their papers as follows. Higher values of relevance denote a better match between a reviewer and a paper. There are 4 cases of subject area overlap we considered:

- Paper and reviewer exact match on Primary: pp (1 if match, 0 otherwise)
- Primary subject area of reviewer matches secondary subject area of paper: ps (1 if match, 0 otherwise)
- Primary subject area of paper matches secondary subject area of reviewer: sp (1 if match, 0 otherwise)
- Secondary subject area of reviewer overlaps with secondary subject area of paper: ss is calculated by the formula:

$$2 \times \frac{1}{1 + e^{-\text{numberOfMatchedSecondarySubjectAreas}}} - 1$$

The PC Chairs can configure the factor for each case, denoted as F(case).

The general formula for calculating a subject area relevance score is as follows:

$$F(pp) \times pp + F(sp) \times sp + F(ps) \times ps + F(ss) \times ss$$

By default,

$$F(pp) = 0.80, F(sp) = 0.16, F(ps) = 0.16, F(ss) = 0.04$$

Default Relevance Formula is

$$0.80pp + 0.16ps + 0.16sp + 0.04ss$$

ALG-02: Reviewer Suggestion Ranking Algorithm

When dealing with each submission,

Arrange the reviewers in descending order of groups (a higher group index indicates stronger recommendations). Reviewers are categorized based on the following evaluation criteria:

- Group 1: Reviewers with conflicts (either submission conflict or reviewer conflict) related to the submission and are already at or over their assigned quota.
- Group 2: Reviewers with conflicts (either submission conflict or reviewer conflict) related to the submission but still have quota available (their assigned submissions are less than the reviewer quota).
- Group 3: Reviewers without any conflicts (neither submission conflict nor reviewer conflict) related to the submission and have a remaining quota.

Within each group, further sort the reviewers in ascending order based on their subject area relevance scores (calculated by the formula at ALG-01). This implies that the higher relevance scores indicate stronger recommendations

ALG-03: Review Issues Detection Algorithm

Review issues detection algorithm is based on the following statements from customers: "If the percentage of reviews having the average evaluation score below the predefined threshold for average evaluation score is greater than the predefined warning threshold percentage then the conference is believed to have issues about reviewing."

In order to make it clearer, we denote:

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- the predefined threshold for evaluation average score is $X_{threshold_evaluation_score}$
- The predefined warning threshold for percentage is $Y_{threshold_percentage}$
- The domain of $X_{threshold_evaluation_score}$ is: $0 \leq X_{threshold_evaluation_score} < 100$
- The domain of $Y_{threshold_percentage}$ is: $0 < Y_{threshold_percentage} \leq 100$

For each conference, we denote:

- The evaluation average score of a review in a conference is denoted by x
- The number of reviews in a conference fulfill a condition is denoted as a function $F(\text{condition})$

Then the statement can be stated that:

A conference is believed to have issues of reviewing if we found that:

$$F(x < X_{threshold_evaluation_score}) / F(x) * 100 > Y_{threshold_percentage}$$

5.4 General Procedure

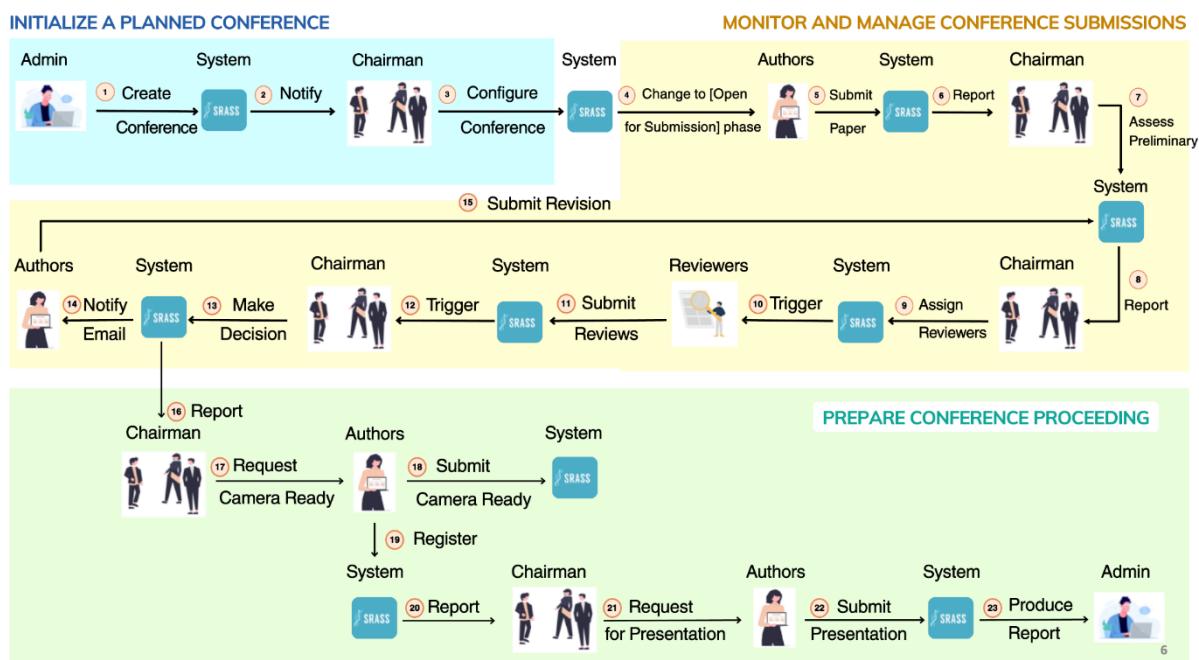


Figure 16 - General Procedure

IV. Software Design Document

1. System Design

1.1 System Architecture

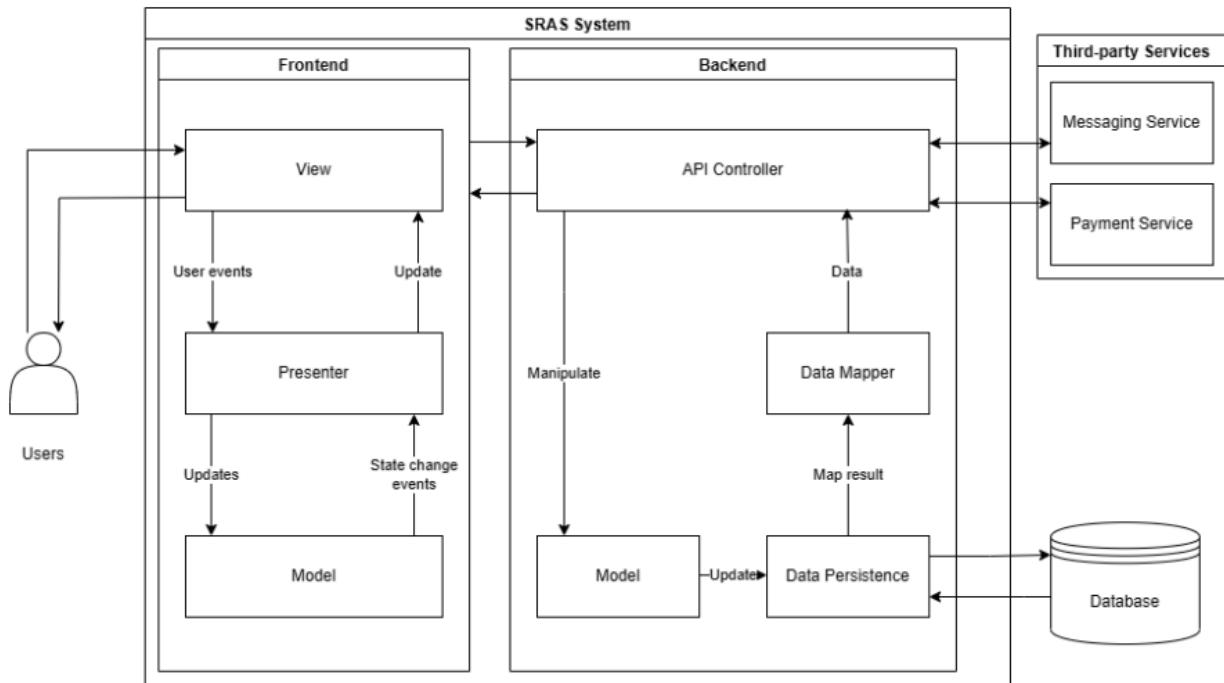


Figure 17 - System Architecture

1.2 Package Diagram

1.2.1 Back-end

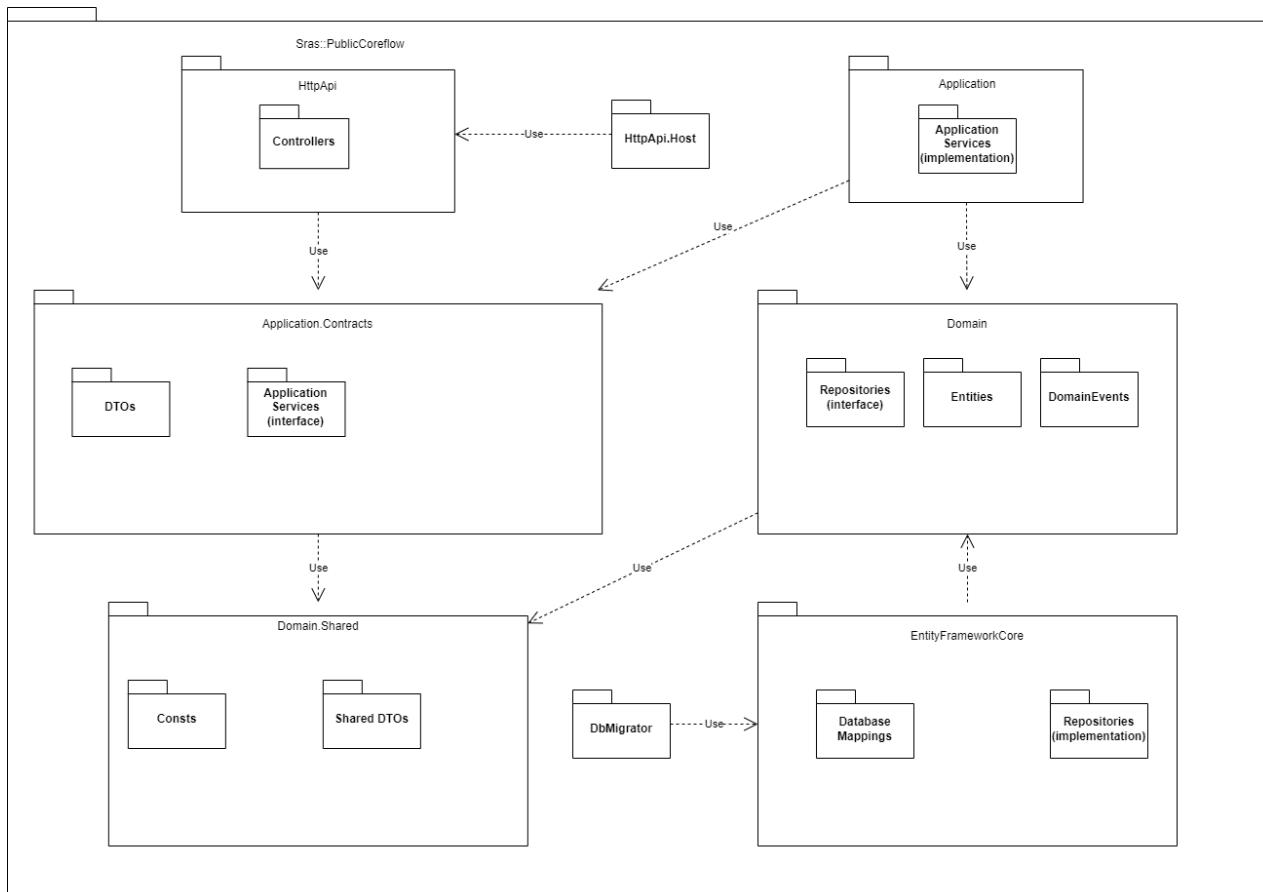


Figure 18 - Package Diagram - Backend

No	Package	Description
1	Consts	Contains classes for common constants shared by all other projects (layers) in the solution
2	SharedDTOs	Contains classes for common data transfer objects shared by all other projects (layers) in the solution
3	Domain.Shared	Is a thin project that contains some types that belong to the Domain layer, but are shared by all other layers
4	Repositories(interface)	Contains interfaces used by the Domain and Application layers to access to the data persistence system (the database)
5	Entities	Contains classes of models used by the application.
6	DomainEvents	Contains domain-specific event handlers of other registered services
7	Domain	Is the essential domain layer that contains all the building blocks (entities, repository interfaces, domain events)
8	DatabaseMappings	Contains the DbContext which includes mappings between entities and database tables

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9	Repositories (implementation)	Contains classes that implement interfaces from Repositories (interface) of Domain layer
10	EntityFrameworkCore	Is the essential integration package for the EF Core.
11	DbMigrator	Is a simple Console Application that migrates the database schema and seeds the initial data when you execute it.
12	DTOs	Contains classes for data transfer objects that transfer state (data) between the Application and Presentation Layers.
13	ApplicationServices(interface)	Contains the application service interfaces.
14	ApplicationContracts	Contains the application service interfaces and the DTOs used by these interfaces. This project can be shared by the client applications (including the UI).
15	ApplicationServices(implementation)	Contains classes that implement interfaces from ApplicationServices(interface) of Application layer
16	Application	Is the essential application layer that implements the interfaces defined in the Contracts project.
17	Controllers	Contains MVC Controllers.
18	HttpApi	Is a project containing HTTP APIs defined by the solution. It typically contains MVC Controllers and related models.
19	HttpApi.Host	Is the project to host the application.

Table 22 - Package Diagram Description - Backend

1.2.2 Front-end

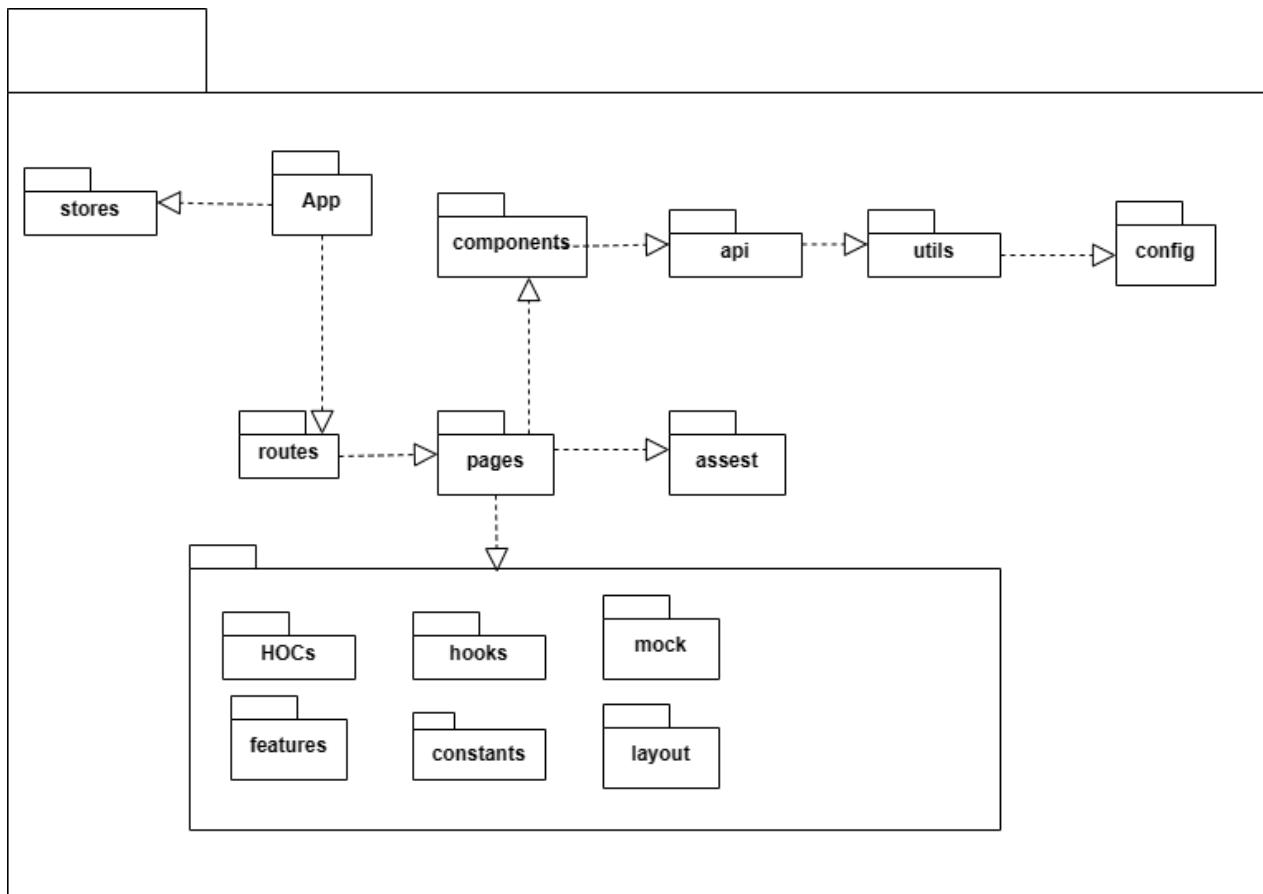


Figure 19 - Package Diagram - Frontend

No	Package	Description
1	app	The package contains files responsible for running web applications.
2	store	The package contains files responsible for sharing states used in the application.
3	routes	The package contains files responsible for the structure of web application routing.
4	pages	The package contains files responsible for the structure of user interface corresponding suitable routing.
5	api	The package contains files responsible for sending HTTP requests and receiving server responses.
6	utils	The package contains files responsible for common functions.
7	config	The package contains files responsible for configuration of application.
8	asset	The package contains files responsible for images and files such as pdf, docx.
9	HOCs	The package contains a file responsible for showing toast message.
10	hooks	The package contains files responsible for custom hooks used for modifying and get data from global state.
11	mock	The package contains files responsible for default data.

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12	features	The package contains files responsible for getting global state and modifying global state.
13	constants	The package contains files responsible for constants used in application.
14	layout	The package contains files responsible for layout of user interface.
15	components	The package contains files responsible for common user interface components and combined to create a completed user interface.

Table 23 - Package Diagram Description - Frontend

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2. Database Design

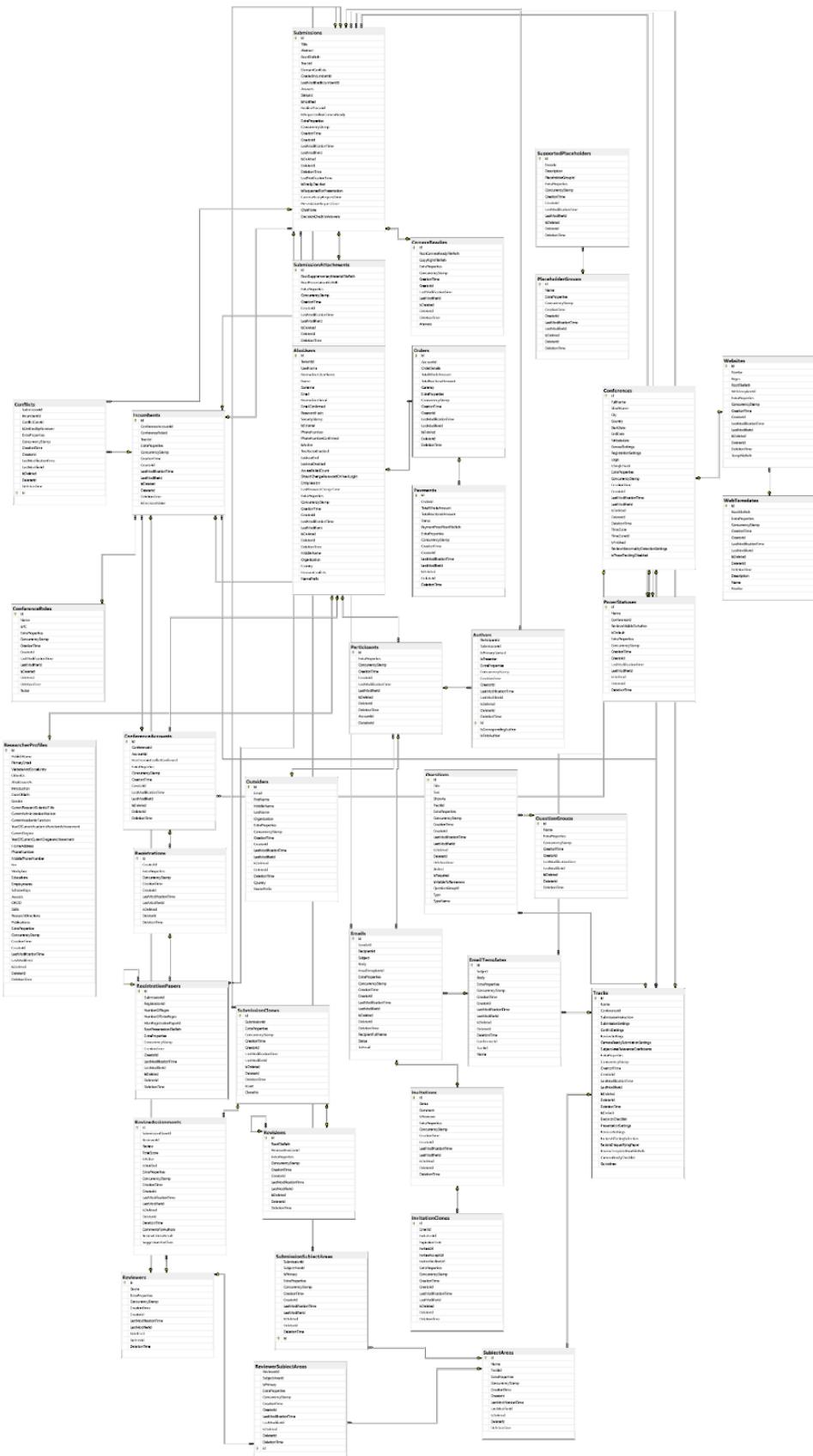


Figure 20 - Database Design

2.1 Data Dictionary

AbpUsers

Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
UserName	UUID	X		X
Name	nvarchar(64)			
MiddleName	nvarchar(64)			
Surname	nvarchar(64)			
Email	nvarchar(256)	X		X
EmailConfirmed	bit	X		
Organization	nvarchar(128)			
PasswordHash	nvarchar(256)			
Country	nvarchar(64)			
DomainConflicts	nvarchar(1024)			

ActivityDeadline

Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
Name	nvarchar(64)	X		
Status	tinyint	X		
Deadline	datetime2(7)			
TrackId	UUID	X	FK	

Authors

Field name	Type	Not null	PK/FK	Unique

Capstone Project Document - Science Research Activity Support System

Id	UUID	X	PK	X
ParticipantId	UUID	X		X
SubmissionId	UUID			
IsPrimaryContact	bit	X		
IsPresenter	bit	X		

CameraReadies

Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
RootCameraRead yFilePath	varchar(1024)			
CopyRightFilePat h	varchar(1024)			
Answers	nvarchar(max)			

ConferenceAccount

Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
Conferenceld	UUID	X	FK	X
AccountId	UUID	X	FK	
HasDomainConfli ctConfirmed	bit			

ConferenceRole

Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
Name	varchar(50)	X		
IsPC	bit	X		
Factor	int	X		

Conferences

Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
FullName	varchar(200)	X		
ShortName	nvarchar(50)	X		
City	nvarchar(100)	X		
Country	nvarchar(100)	X		
StartDate	datetime	X		
EndDate	datetime	X		
WebsiteLink	nvarchar(max)			
GeneralSettings	nvarchar(max)			
RegistrationSettings	nvarchar(max)			
Logo	nvarchar(max)	X		
IsSingleTrack	bit	X		

ConflictCases

Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
Name	nvarchar(128)	X		
IsIndividual	bit	X		
IsDefault	bit	X		
TrackId	UUID		FK	

Conflict

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Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
SubmissionId	UUID	X	FK	
IncumbentId	UUID	X	FK	
ConflictCaseId	UUID	X	FK	
IsDefinedByReviewer	bit	X		

Emails

Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
SenderId	UUID	X	FK	
RecipientId	UUID	X	FK	
Subject	nvarchar(2048)	X		
Body	nvarchar(max)	X		
EmailTemplateId	UUID	X	FK	
RecipientFullName	nvarchar(192)			
Status	nvarchar(256)			
ToEmail	nvarchar(256)			

EmailTemplate

Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
Name	nvarchar(1024)	X		
Subject	nvarchar(1024)	X		
Body	nvarchar(max)	X		

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Conferenceld	UUID		FK	
TrackId	UUID		FK	

Guidelines

Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
Name	nvarchar(64)	X		
Description	nvarchar(1024)			
GuidelineGroup	nvarchar(64)	X		
IsChairOnly	bit	X		
Route	nvarchar(1024)			
Factor	int	X		
ConsoleFigures	nvarchar(max)			
ConsoleUIColumns	nvarchar(max)			
IsFinishedMarkingGuideline	bit	X		

Incumbent

Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
ConferenceAccountld	UUID	X	FK	
ConferenceRoleId	UUID	X	FK	
TrackId	UUID		FK	
IsDecisionMaker	bit	X		

InvitationClones

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Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
EmailId	UUID	X	FK	
InvitationId	UUID	X	FK	
ExpirationDate	datetime	X		
InviteeUrl	nvarchar(2048)	X		
InviteeAcceptUrl	nvarchar(2048)	X		
InviteeDeclineUrl	nvarchar(2048)	X		

Invitations

Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
Status	nvarchar(128)	X		
Comment	nvarchar(2048)			
IsReviewer	bit	X		

Orders

Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
AccountId	UUID	X	FK	
OrderDetails	nvarchar(max)	X		
TotalWholeAmount	int	X		
TotalFractionalAmount	int	X		
Currency	nvarchar(64)	X		

Outsiders

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Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
Email	varchar(256)	X		X
FirstName	nvarchar(64)	X		
MiddleName	nvarchar(64)			
LastName	nvarchar(64)	X		
Organization	nvarchar(256)			
Country	nvarchar(64)	X		
NamePrefix	nvarchar(32)			

PaperStatuses

Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
Name	nvarchar(50)	X		
Conferenceld	UUID		FK	
ReviewsVisibleToAuthor	bit	X		
IsDefault	bit	X		

Participant

Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
AccountId	UUID		FK	
OutsiderId	UUID		FK	

Payments

Field name	Type	Not null	PK/FK	Unique

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Id	UUID	X	PK	X
OrderId	varchar(20)	X	FK	
TotalWholeAmount	int	X		
TotalFractionalAmount	int	X		
Status	nvarchar(64)	X		
PaymentProofRootFilePath	nvarchar(1024)			

PlaceholderGroups

Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
Name	varchar(128)	X	FK	

QuestionGroups

Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
Name	varchar(256)	X		

Question

Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
Title	nvarchar(2048)	X		
ShowAs	nvarchar(max)	X		
Text	nvarchar(2048)			
QuestionGroupId	UUID	X	FK	
TrackId	UUID	X	FK	
IsRequired	bit	X		

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IsVisibleToReviewers	bit			
Type	nvarchar(64)	X		
TypeName	nvarchar(64)	X		

RegistrationPapers

Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
SubmissionId	UUID	X	FK	
RegistrationId	UUID	X	FK	
NumberOfPages	int	X		
NumberOfExtraPages	int	X		
MainRegistrationPaperId	UUID	X		
RootPresentationFilePath	nvarchar(1024)	X		

Registration

Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
CreatedId	varchar(20)	X	FK	

ResearcherProfiles

Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
PublishName	UUID	X		
PrimaryEmail	UUID	X		
WebsiteAndSocialLinks	int			

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OtherIDs	int			
AlsoKnownAs	UUID			
Introduction	nvarchar(1024)			
DateOfBirth	datetime	X		
Gender	nvarchar(64)	X		
CurrentResearchScientistTitle	nvarchar(512)			
CurrentAdministrationPosition	datetime			
CurrentAcademicFunction	nvarchar(64)			
YearOfCurrentAcademicFunctionAchievement	int			
CurrentDegree	nvarchar(512)			
YearOfCurrentDegreeAchievement	int			
HomeAddress	nvarchar(512)			
PhoneNumber	nvarchar(16)			
MobilePhoneNumber	nvarchar(16)			
Fax	nvarchar(32)			
Workplace	nvarchar(max)			
Educations	nvarchar(max)			
Employments	nvarchar(max)			
Scholarships	nvarchar(max)			
Awards	nvarchar(max)			
ORCID	nvarchar(max)			
Skills	nvarchar(max)			
ResearchDirections	nvarchar(max)			

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Publications	nvarchar(max)			
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ReviewAssignments

Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
SubmissionCloneId	UUID	X	FK	
ReviewerId	UUID	X	FK	
Review	int			
TotalScore	int			
IsActive	UUID	X		
IsNotified	nvarchar(1024)	X		
CommentsForAuthors	datetime			
ReviewCriteriaResult	nvarchar(64)			
SuggestionsForChair	nvarchar(512)			

Reviewers

Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
Quota	int			

ReviewerSubjectAreas

Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
ReviewerId	UUID	X	FK	
SubjectAreaId	UUID	X	FK	

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IsPrimary	bit	X		
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Revisions

Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
RootFilePath	varchar(1024)			
PreviousRevisionId	UUID		FK	

SubjectAreas

Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
Name	nvarchar(512)			
TrackId	UUID	X	FK	

SubmissionAttachments

Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
RootSupplementaryMaterialFilePath	nvarchar(1024)			
RootPresentationFilePath	nvarchar(1024)			

SubmissionClones

Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
SubmissionId	varchar(20)	X		X
IsLast	bit			
CloneNo	int			

Submissions

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Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
Title	nvarchar(1024)	X		
Abstract	nvarchar(2048)	X		
RootFilePath	nvarchar(1024)			
TrackId	UUID		FK	
DomainConflicts	nvarchar(1024)			
CreatedIncumbentId	UUID		FK	
LastModifiedIncumbentId	UUID		FK	
Answers	nvarchar(max)			
StatusId	UUID	X	FK	
IsNotified	bit			
NotifiedStatusId	UUID		FK	
LastNotificationTime	datetime			
IsFinallyDecided	bit	X		
IsRequestForCameraReady	bit	X		
CameraReadyRequestTime	datetime	X		
IsRequestedForPresentation	bit	X		
PresentationRequestTime	datetime			
ChairNote	nvarchar(max)			
DecisionChecklistAnswers	nvarchar(max)			

SupportedPlaceholders

Field name	Type	Not null	PK/FK	Unique

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Id	UUID	X	PK	X
Encode	nvarchar(128)	X		
Description	nvarchar(1024)	X		
PlaceholderGroupId	UUID	X	FK	

Tracks

Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
Name	nvarchar(50)	X		
Conferenceld	UUID	X		
Field name	Type	Not null	PK/FK	Unique
SubmissionInstruction	nvarchar(2000)			
SubmissionSettings	nvarchar(max)			
ConflictSettings	nvarchar(max)			
ReviewSettings	nvarchar(max)			
CameraReadySubmissionSettings	nvarchar(max)			
SubjectAreaRelevanceCoefficients	nvarchar(max)			
IsDefault	nvarchar(max)			
DecisionChecklist	nvarchar(max)			
PresentationSettings	nvarchar(max)			
RevisionSettings	nvarchar(max)			
FactorsAffectingSelection	nvarchar(max)			
FactorsDisqualifyingPaper	nvarchar(max)			
ReviewTemplateRootFilePath	nvarchar(max)			

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CameraReadyChecklist	nvarchar(max)			
Guidelines	nvarchar(max)			

Website

Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
Navbar	nvarchar(max)			
Pages	nvarchar(max)			
RootFilePath	nvarchar(1024)			
TempFilePath	nvarchar(1024)			
WebTemplateId	UUID	X	FK	

WebTemplates

Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
Name	nvarchar(128)	X		
RootFilePath	nvarchar(1024)	X		
Description	nvarchar(1024)			
Navbar	nvarchar(max)			

InvitationClones

Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
EmailId	UUID	X	FK	
InvitationId	UUID	X	FK	

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ExpirationDate	datetime	X		
InviteeUrl	nvarchar(2048)	X		
InviteeAcceptUrl	nvarchar(2048)	X		
InviteeDeclineUrl	nvarchar(2048)	X		

SubmissionClones

Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
SubmissionId	UUID	X	FK	
IsLast	bit	X		
CloneNo	int	X		

SubmissionSubjectAreas

Field name	Type	Not null	PK/FK	Unique
Id	UUID	X	PK	X
SubmissionId	UUID	X	FK	
SubjectAreaId	UUID	X	FK	
IsPrimary	bit	X		

3. Detailed Design

3.1 Class diagram

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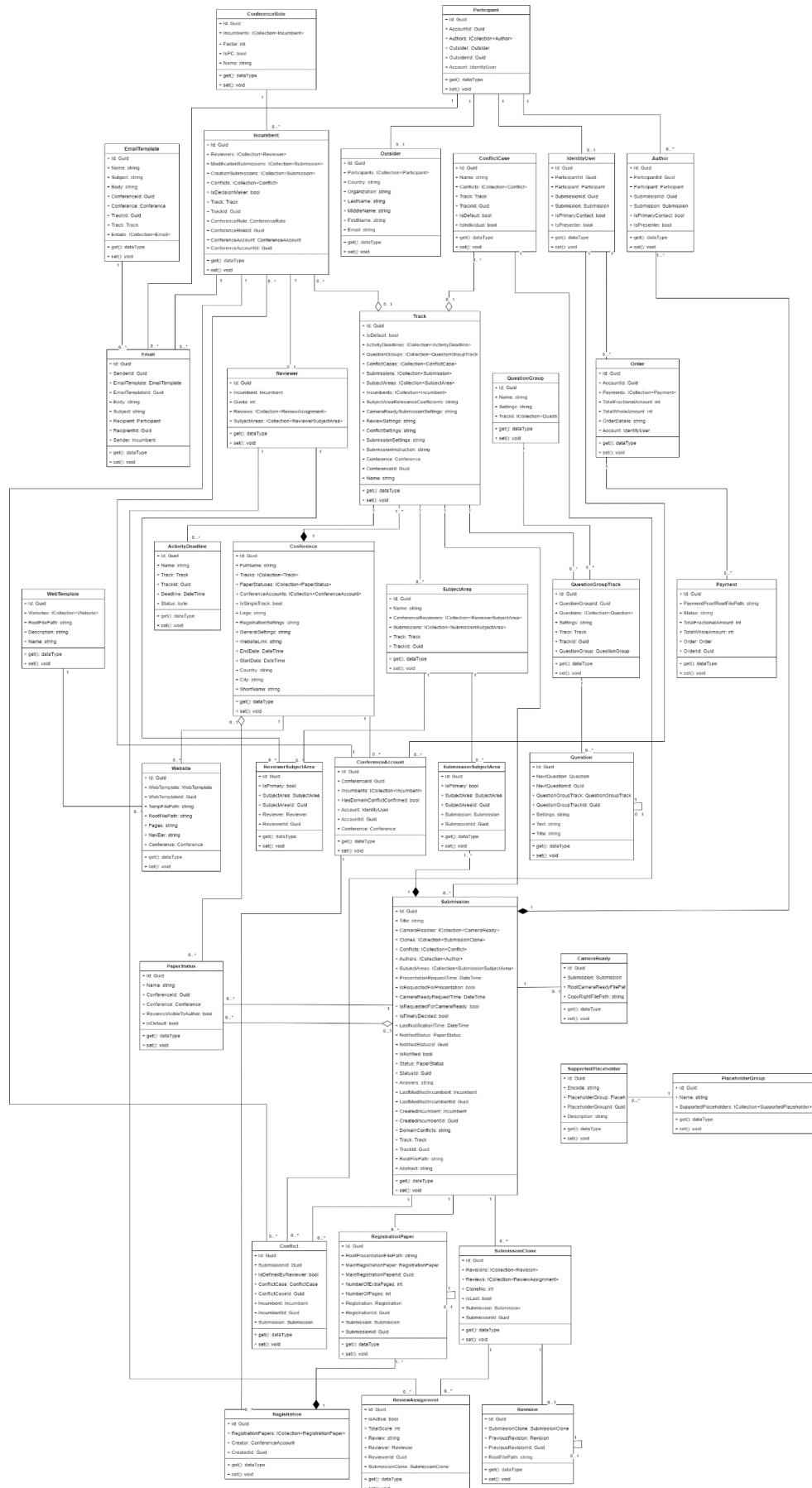


Figure 21 - Class Diagram

3.2 Sequence Diagram

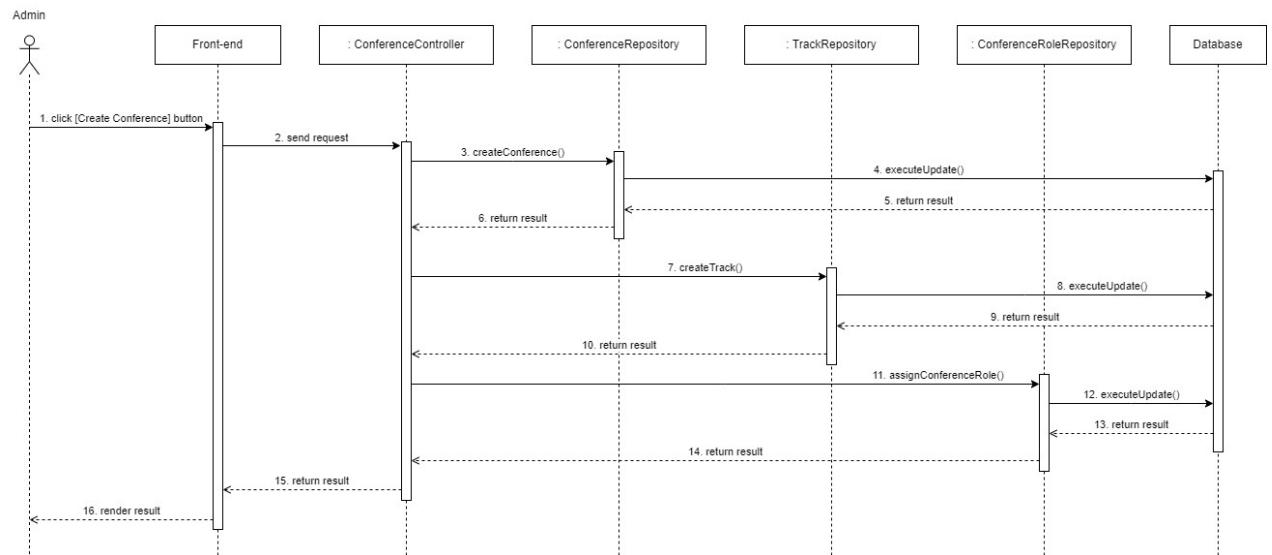


Figure 22 - Create Conference – Sequence Diagram

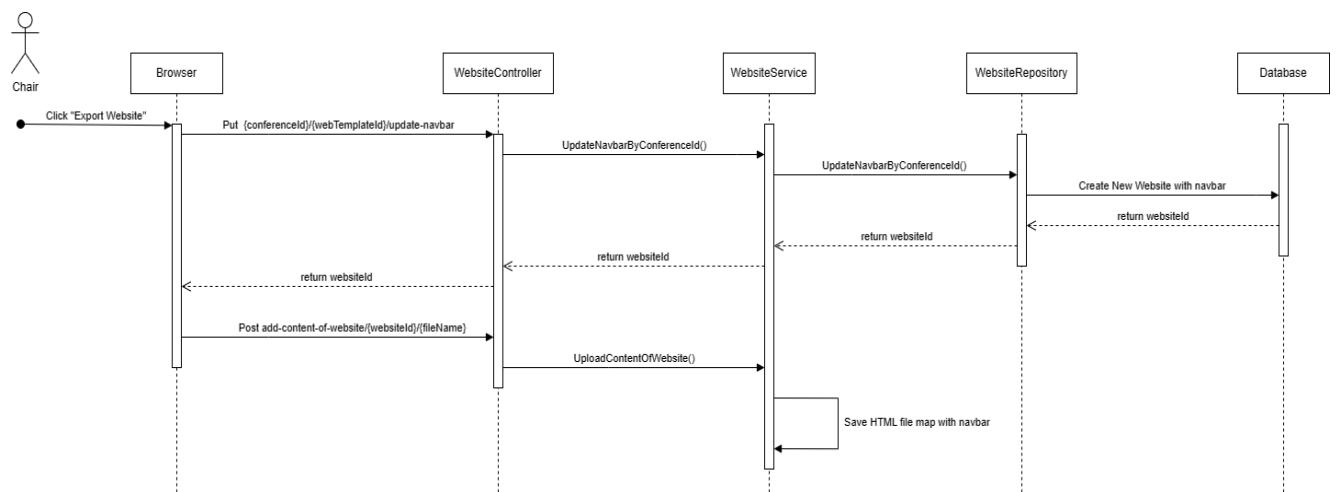


Figure 23 - Create Conference Website – Sequence Diagram

Capstone Project Document - Science Research Activity Support System

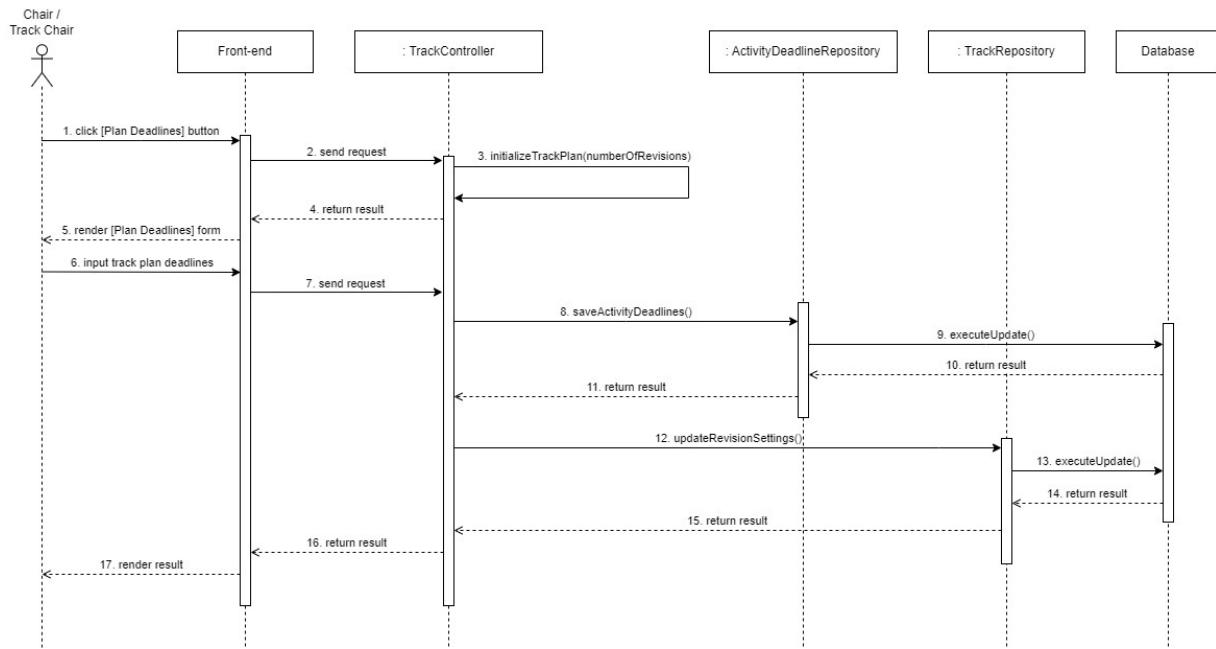


Figure 24 - Create Track Plan – Sequence Diagram

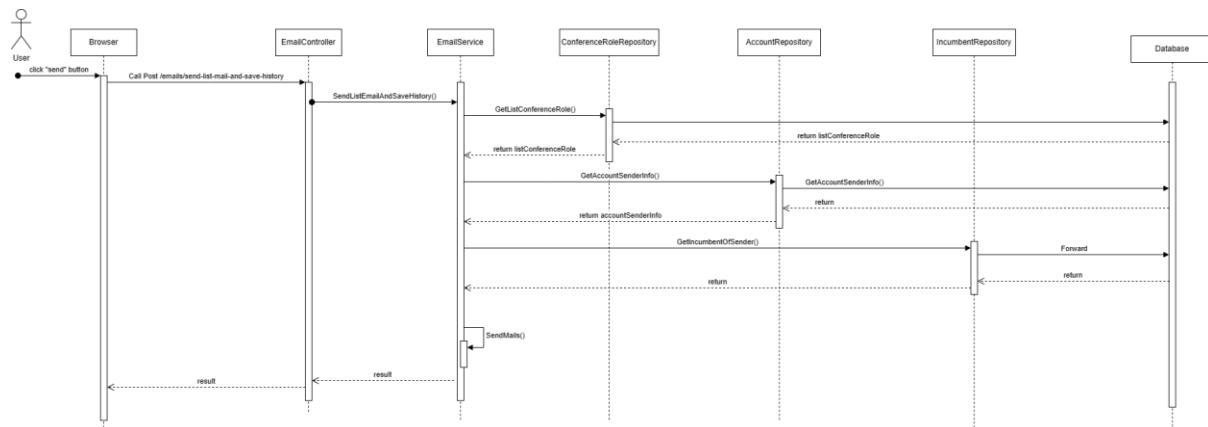


Figure 25 – Send And Save Mail To History – Sequence Diagram

3.3 State Diagram

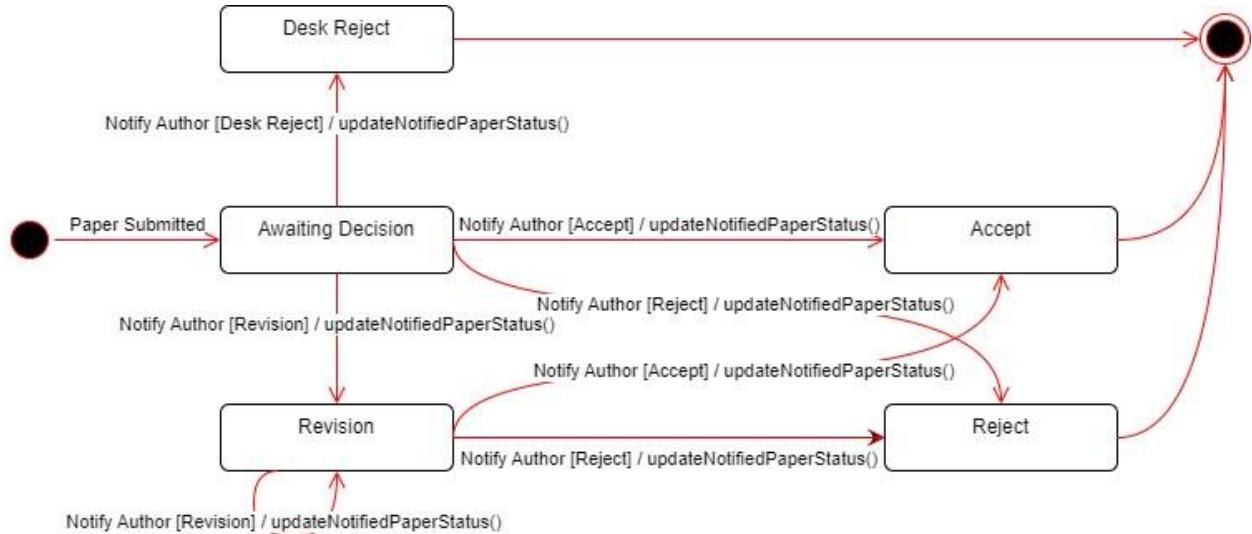


Figure 26 - Notified Statuses State Diagram

V. Testing Documentation

1. Scope of Testing

1.1 In scope

Below are the functional and non-functional requirements described in the Software Requirement Specs that will be tested:

Module name	Applicable Role	Description
Login	Unauthorised user	Unauthorised user: when an unauthorised user that has an account in the system and wants to join in with the given role.
Logout	Authorised user	Authorised user: when an unauthorised user that has an account in the system and wants to end the session.
Register account	Unauthorised user	Unauthorised user: when an unauthorised user that does not have an account and wants to join in the system with the default role “User”.
Create a conference	Admin	Admin: Admin can create conferences with information.
Configure conference settings	PC Chair	PC Chair: Just only PC Chair can configure conference settings.
Add a conference user	PC Chair	PC Chair: Only PC Chair can add user to conference.
Modify a conference's track list	PC Chair	PC Chair: Just only PC Chair can modify track list in conference.
Create a track plan	PC Chair	PC Chair: PC Chair can create track plan for the conference.

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Update activity timeline	PC Chair	PC Chair: Just only PC Chair can update activity timeline.
Configure track settings	PC Chair	PC Chair: Just only PC Chair can configure track.
Create a subject area	PC Chair	PC Chair: Just only PC Chair can add subject area to conference.
Create a submission question	PC Chair	PC Chair: PC Chair can create submission question.
Add decision-making criteria	PC Chair	PC Chair: PC Chair can add criteria for decision making.
Create a website navbar	Admin	Admin: Admin can create navbar for conference website.
Update a web page content	Admin	Admin: Admin can update content for the website.
Export a website's content	Admin	Admin: Admin can export website.
Submit a conference paper	PC Chair, Author	PC Chair: PC chair can submit paper for author in conference. Author: Author can submit paper in conference.
Detect submission conflicts of interest	PC Chair	PC Chair: PC Chair can check for conflict of reviewer.
Declare submission conflicts of interest	PC Chair, Author	PC Chair: PC Chair can declare conflicts of interest of submissions with reviewers. Author: Author can declare conflicts of interest of their submission with reviewers.
Submit supplementary materials	PC Chair, Author	PC Chair: PC Chair can submit supplementary for submissions in conference. Author: Author can submit supplementary for their submissions.
Aggregate conference submissions	PC Chair, Author, Reviewer	PC Chair: PC Chair can view submissions in the conference. Author: Author can view submissions submit to the conference. Reviewer: Reviewer can view submissions assigned to review.
Make statistical information about conference submissions	PC Chair	PC Chair: PC Chair can view statistic of conference.
Suggest reviewers for a submission's reviewing activity	PC Chair	PC Chair: PC Chair can view reviewers suggest by system.
Assign reviewers for a submission	PC Chair	PC Chair: Just only PC Chair can assign reviewers for submission.
Get a reviewer's list of assigned papers	PC Chair	PC Chair: PC Chair can view list of reviewers.
Submit a review	Reviewer	Reviewer: Reviewer can submit a review for submissions.

Detect review issues	PC Chair	PC Chair: PC Chair can view reviewers review.
Aggregate reviews of a submission	PC Chair	PC Chair: PC Chair can view reviews of a submission.
Decide on a paper	PC Chair	PC Chair: PC Chair can finalize paper decision.
Send decision result notification to authors	PC Chair	PC Chair: PC Chair can send mail notification result to authors.
View email history	PC Chair	PC Chair: PC Chair can view email sent in conference.
Submit a revision	Author	Author: Author can submit revision.
Request for camera ready submission	PC Chair	PC Chair: Just only PC Chair can request for camera ready for submission.
Notify authors for camera ready submission	Author	Author: Author can view camera ready submission notification.
Submit the camera ready version of a submission	PC Chair, Author	PC Chair: PC Chair can submit camera ready for submissions in conference. Author: Author can submit camera ready for their submissions.
Register papers to the list of manuscripts expected to be in a conference proceeding	Author	Author: Just only Author can register papers.
Request for presentation submission	PC Chair	PC Chair: Just only PC Chair can request for presentation for submission.
Notify authors for presentation submission	Author	Author: Author can view presentation notification.
Submit the presentation of a submission	PC Chair, Author	PC Chair: PC Chair can submit presentation for submissions in conference. Author: Author can submit presentation for their submissions.
Track essential activities and tasks required during any conference phase	PC Chair	PC Chair: PC Chair can view tasks required during phase.
Input a lecturer's research profile information	Authorised user	Authorised user: Authorised user with fpt email can input research profile information.
View a lecturer's research profile	Authorised user	Authorised user: Authorised user can view research profile.

Table 24 - Scope of Testing - In scope

1.2 Out of scope

All of these feature will not be tested because they are NOT included in the Software Requirement Specification:

- User Interfaces.
- Hardware Interfaces.

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- Software Interfaces.
- Database logical.
- Communications Interfaces.
- Website Security and Performance.

2. Test Strategy

About testing strategy, in the Science Research Activity Support System, we use System Testing. The purpose of using this testing is to ensure the reliability of customers and their satisfaction about the application that we create.

2.1 Testing Types

With the testing type, our choice is Functional testing as the testing approach for the Science Research Activity Support System. This selection aims to verify that all the system's functions operate in alignment with their intended processes.

2.2 Test Levels

Type of Tests	Test Level			
	Unit	Integration	System	Acceptance
Function test			X	X

2.3 Supporting Tools

Purpose	Tool	Vendor/In-house	Version
API testing	Postman	Postman	9.12.2
Web page testing	Visual Studio Code	Microsoft	1.82.2

3. Test Plan

3.1 Human Resources

Worker/Doer	Role	Specific Responsibilities/Comments
Bùi Thế Hiển	Member	Do function/user interface testing as planned
Nguyễn Đăng Trường Anh	Member	Do function/user interface testing as planned

3.2 Test Environment

Purpose	Tool	Provider	Version
For running the testing tools.	Window	Microsoft	8 or above
For running web testing	Google Chrome	Google	107.0.5304.63

3.3 Test Milestones

Milestone Task	Start Date	End Date

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Login	05/09/2023	05/09/2023
Logout	05/09/2023	05/09/2023
Register account	05/09/2023	05/09/2023
Create a conference	07/09/2023	07/09/2023
Configure conference settings	07/09/2023	07/09/2023
Add a conference user	07/09/2023	07/09/2023
Modify a conference's track list	07/09/2023	07/09/2023
Create a track plan	07/09/2023	07/09/2023
Update activity timeline	07/09/2023	07/09/2023
Configure track settings	07/09/2023	07/09/2023
Create a subject area	07/09/2023	07/09/2023
Create a submission question	07/09/2023	07/09/2023
Add decision-making criteria	07/09/2023	07/09/2023
Create a website navbar	09/09/2023	09/09/2023
Update a web page content	09/09/2023	09/09/2023
Export a website's content	09/09/2023	09/09/2023
Submit a conference paper	11/09/2023	11/09/2023
Detect submission conflicts of interest	11/09/2023	11/09/2023
Declare submission conflicts of interest	11/09/2023	11/09/2023
Submit supplementary materials	11/09/2023	11/09/2023
Aggregate conference submissions	11/09/2023	11/09/2023
Make statistical information about conference submissions	11/09/2023	11/09/2023
Suggest reviewers for a submission's reviewing activity	11/09/2023	11/09/2023
Assign reviewers for a submission	11/09/2023	11/09/2023
Get a reviewer's list of assigned papers	11/09/2023	11/09/2023
Submit a review	11/09/2023	11/09/2023
Detect review issues	11/09/2023	11/09/2023
Aggregate reviews of a submission	11/09/2023	11/09/2023
Decide on a paper	11/09/2023	11/09/2023
Send decision result notification to authors	11/09/2023	11/09/2023
View email history	11/09/2023	11/09/2023

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Submit a revision	11/09/2023	11/09/2023
Request for camera ready submission	13/09/2023	13/09/2023
Notify authors for camera ready submission	13/09/2023	13/09/2023
Submit the camera ready version of a submission	13/09/2023	13/09/2023
Register papers to the list of manuscripts expected to be in a conference proceeding	13/09/2023	13/09/2023
Request for presentation submission	13/09/2023	13/09/2023
Notify authors for presentation submission	13/09/2023	13/09/2023
Submit the presentation of a submission	13/09/2023	13/09/2023
Track essential activities and tasks required during any conference phase	15/09/2023	15/09/2023
Input a lecturer's research profile information	17/09/2023	17/09/2023
View a lecturer's research profile	17/09/2023	17/09/2023

4. Test Cases & Test Reports

Testing Level	File Name
System Test	SU23SE08 Test Report

VI. Release Package & User Guides

1. Deliverable Package

No	Deliverable Item	Description
1	Project Schedule/Tracking	With the project schedule we use Excel in order to track the process of tasks in the project. Link: Project Tracking
2	Source Codes	With the source code, we store our code (back-end API, web application and mobile) on github with private access. Front-end link: Hien-BT01/capstone-client: SE Project Capstone (github.com) Back-end link: ThuongHoang456189/Sras.PublicCoreflow: Public coreflow for sras (github.com)
3	Database Script(s)	SRASS Script
4	Final Report Document	Report7_Final Project Report
5	Test Cases Document	SU23SE08 Test Report
6	Slide	Capstone Presentation

2. Installation Guides

2.1 System Requirements

2.1.1 Hardware requirements

Web Application:

Laptop	Minimum Requirements	Recommended
Internet Connection	Wi-Fi (4 Mbps)	Cable, Wi-Fi (8 Mbps)
Operating System	Windows 7	Windows 10
Computer Processor	Intel® Core i3 1.4GHz	Intel® Core i5 2.50GHz
Computer Memory	2GB RAM	2GB RAM or more
Web Browser	Chrome (v69 or higher)	Chrome latest stable version

2.1.2 Software requirements

Software	Name / Version	Description
Operation System	Windows 10 / 11	Operating system and platform for development
Web browser	Chrome v69 or above	For web app

2.2 Installation Instruction

2.2.1 Back-end

1. Install Visual Studio 2019 IDEA by following guidelines link:
<https://visualstudio.microsoft.com/downloads/>
2. Install Visual Studio 2019 by following guidelines link:
<https://learn.microsoft.com/en-us/visualstudio/install/install-visual-studio?view=vs-2022>
3. Clone source code from GitHub by link:
<https://github.com/ThuongHoang456189/Sras.PublicCoreflow>
4. Open solution with Visual Studio 2019
5. In Visual Studio, click run without debug

2.2.2 Web app

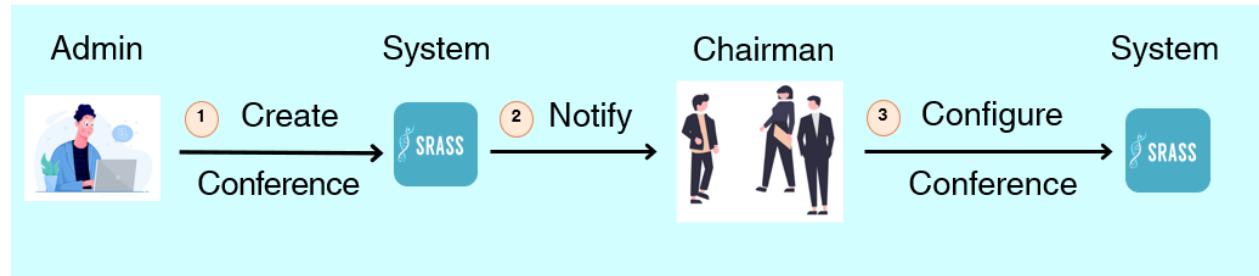
1. Install Visual Studio Code by following guidelines link:
<https://code.visualstudio.com/download>
2. Install npm through Visual Studio Code or you can install npm via NodeJS (should download Nodejs v18 above)
<https://nodejs.org/en>
3. Install yarn after installing npm. Run command: "`npm install --global yarn`"
4. Set up Firebase **Storage** project:
<https://console.firebaseio.google.com/u/0/>
5. Login PayPal then get Client ID:
<https://developer.paypal.com/dashboard/applications/live>
6. Clone source code from GitHub by link:
<https://github.com/Hien-BT01/capstone-client>
7. Create ".env.local" file. Move all content in ".env.example" to ".env.local" and replace the value with correct information corresponding key.
8. Open folder project by Visual Studio Code.
9. Open terminal and enter **yarn**
10. In terminal, enter **yarn start**
11. Project start with <http://localhost:3000>

3. User Manual

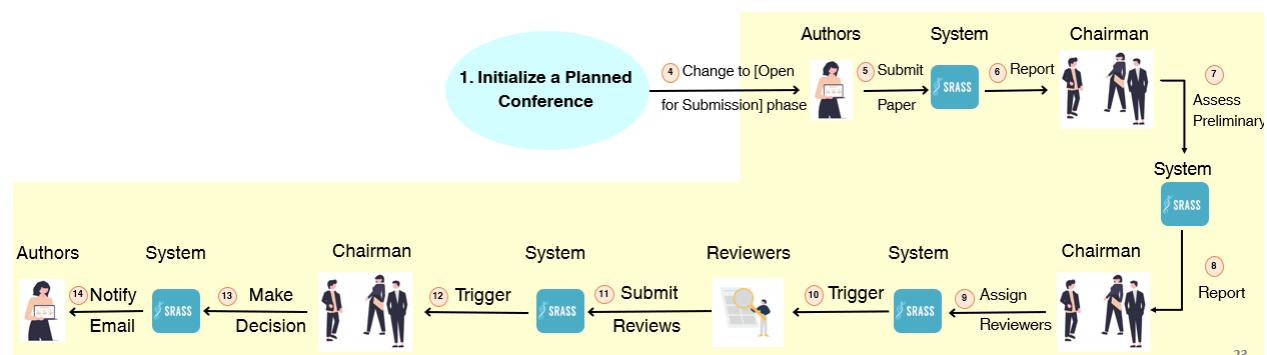
3.1 Overview

The project has 3 main workflows below:

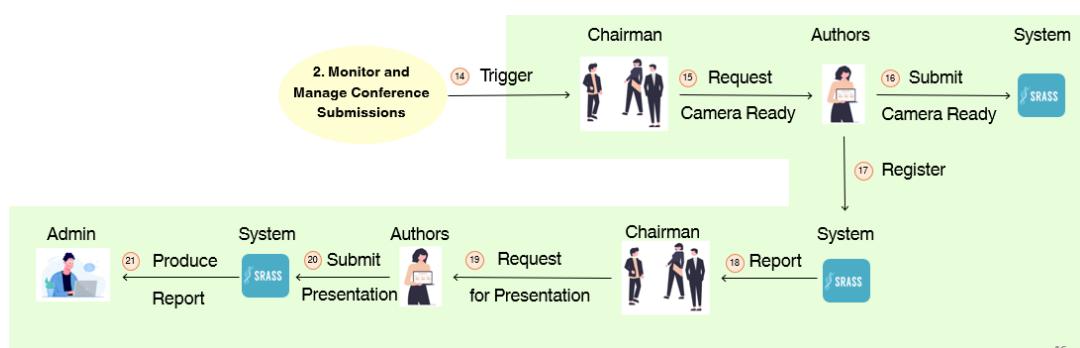
1. Initialize a planned conference:



2. Monitor and manage conference submissions:



3. Prepare conference proceeding:



4. Other:

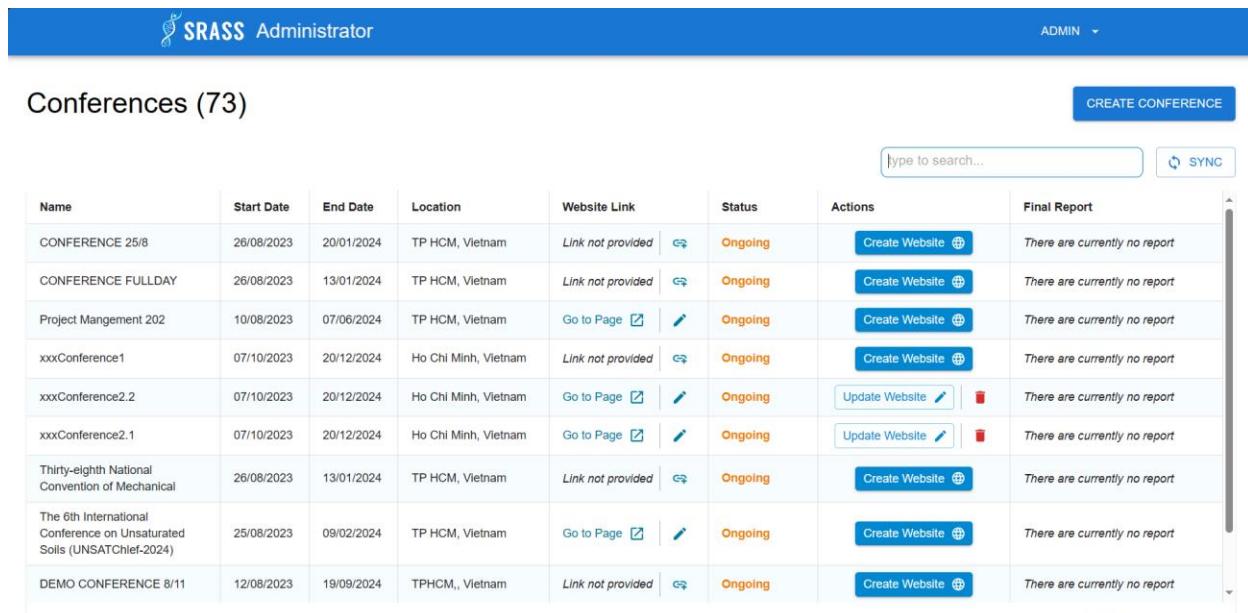
- Conference website creation
- Lecture research profile

3.2 Workflow 1 - Initialize a Planned Conference

3.2.1 <Admin> Create Conference

Logging into system as “Admin” role, to create conference, Admin clicks on “CREATE CONFERENCE” button

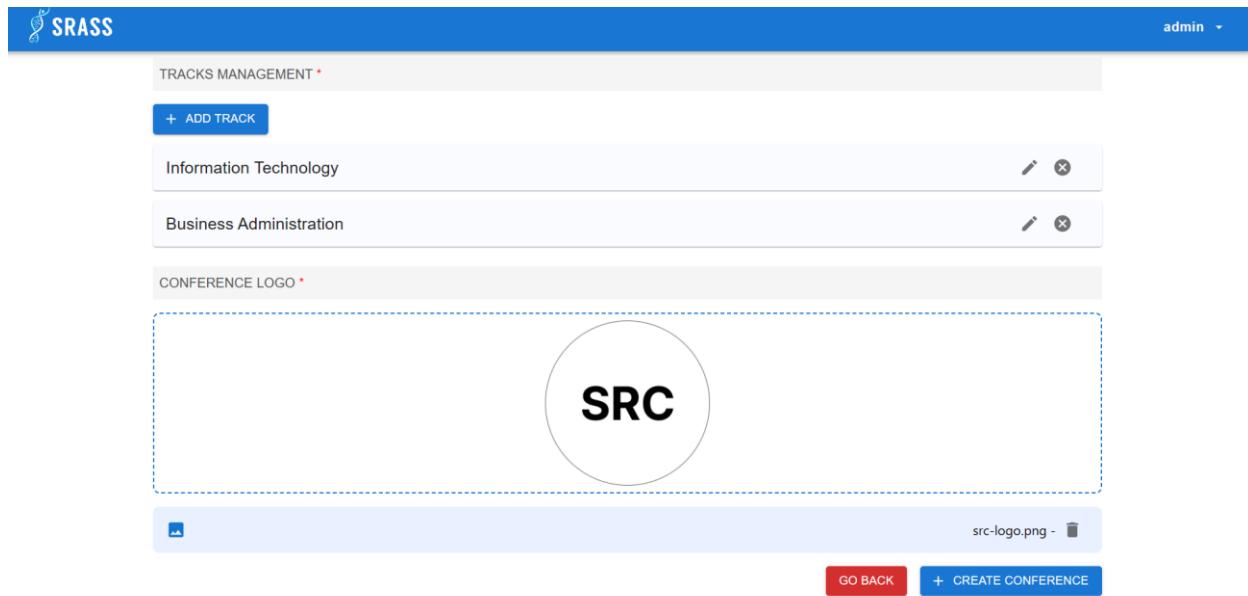
Capstone Project Document - Science Research Activity Support System



The screenshot shows the SRASS Administrator interface. At the top, there is a blue header bar with the SRASS logo and the text "SRASS Administrator". On the right side of the header, there is a dropdown menu labeled "ADMIN". Below the header, the main content area has a title "Conferences (73)" on the left and a "CREATE CONFERENCE" button on the right. There is also a search bar with the placeholder "type to search..." and a "SYNC" button. The main area contains a table with 9 rows of conference data. The columns are: Name, Start Date, End Date, Location, Website Link, Status, Actions, and Final Report. Each row includes a "Create Website" button, a "Sync" icon, and a note indicating there are currently no reports.

Name	Start Date	End Date	Location	Website Link	Status	Actions	Final Report
CONFERENCE 25/8	26/08/2023	20/01/2024	TP HCM, Vietnam	Link not provided	Ongoing	Create Website	<i>There are currently no report</i>
CONFERENCE FULLDAY	26/08/2023	13/01/2024	TP HCM, Vietnam	Link not provided	Ongoing	Create Website	<i>There are currently no report</i>
Project Mangement 202	10/08/2023	07/06/2024	TP HCM, Vietnam	Go to Page	Ongoing	Create Website	<i>There are currently no report</i>
xxxConference1	07/10/2023	20/12/2024	Ho Chi Minh, Vietnam	Link not provided	Ongoing	Create Website	<i>There are currently no report</i>
xxxConference2.2	07/10/2023	20/12/2024	Ho Chi Minh, Vietnam	Go to Page	Ongoing	Update Website	<i>There are currently no report</i>
xxxConference2.1	07/10/2023	20/12/2024	Ho Chi Minh, Vietnam	Go to Page	Ongoing	Update Website	<i>There are currently no report</i>
Thirty-eighth National Convention of Mechanical	26/08/2023	13/01/2024	TP HCM, Vietnam	Link not provided	Ongoing	Create Website	<i>There are currently no report</i>
The 6th International Conference on Unsaturated Soils (UNSATChief-2024)	25/08/2023	09/02/2024	TP HCM, Vietnam	Go to Page	Ongoing	Create Website	<i>There are currently no report</i>
DEMO CONFERENCE 8/11	12/08/2023	19/09/2024	TPHCM, Vietnam	Link not provided	Ongoing	Create Website	<i>There are currently no report</i>

Admin fulfil all required information then click on "+ CREATE CONFERENCE" to finishing creating conference

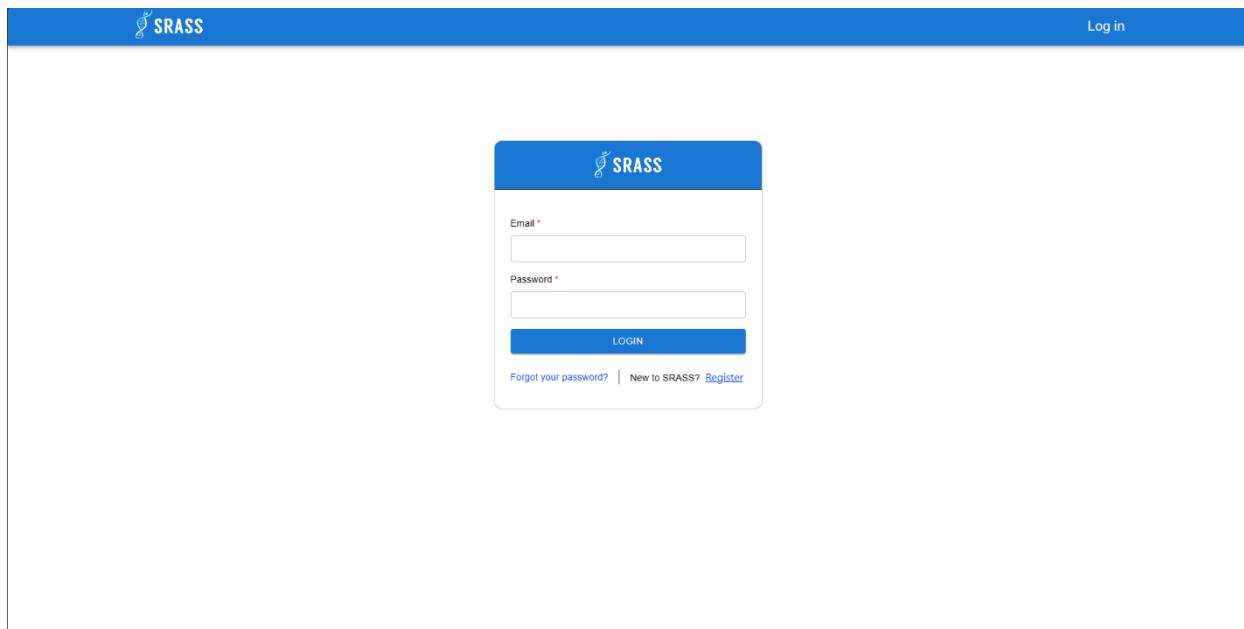


The screenshot shows the SRASS Administrator interface for creating a new conference. At the top, there is a blue header bar with the SRASS logo and the text "SRASS Administrator". On the right side of the header, there is a dropdown menu labeled "admin". Below the header, the main content area has a title "TRACKS MANAGEMENT *". There is a button "+ ADD TRACK" and two track entries: "Information Technology" and "Business Administration", each with edit and delete icons. Below this, there is a section titled "CONFERENCE LOGO *". A circular logo placeholder contains the letters "SRC". Below the logo, there is a file upload area showing "src-logo.png" and a delete icon. At the bottom, there are "GO BACK" and "+ CREATE CONFERENCE" buttons.

3.2.2<Unauthenticated User> Login

To login into the system, users enter their email and password, then click on "Login" button.

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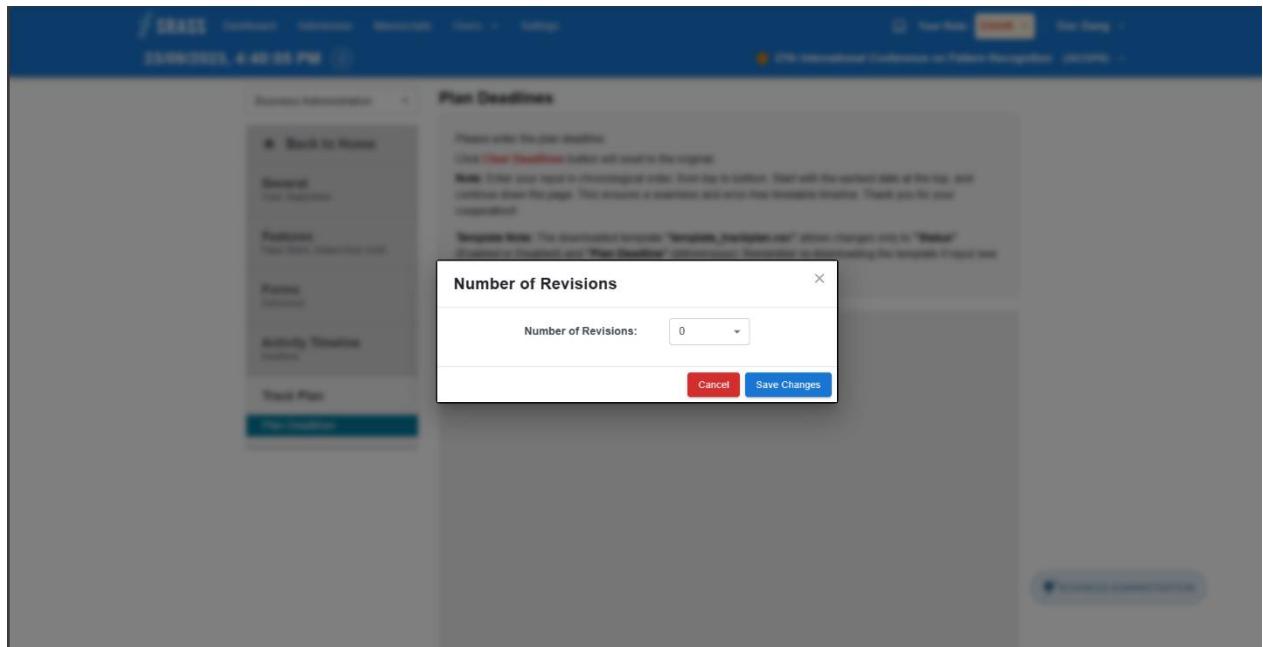
After logging successfully, authenticated user will see the Conferences Screen on web application. There has three tabs, the default one is “MY CONFERENCES”.

A screenshot of the Conferences screen. The top navigation bar shows 'Duc Dang'. The main area has a 'Conferences' heading, a search bar, and three tabs: 'MY CONFERENCES (10)', 'ALL CONFERENCES (73)', and 'OPEN FOR SUBMISSION (0)'. A 'SYNC' button is also present. Below the tabs is a table listing conferences with columns for Name, Start Date, End Date, Location, Website Link, Calling for papers, and Status. The table includes rows for various conferences like 'xxxConference1 (XC1)', 'xxxConference2.2 (XC2.2)', and 'abc 12 (A1)'.

3.2.3 <PC Chair> Create Track Planning

PC Chair choose the conferences. because the conference is in its early stages, so the first task for PC Chair is creating “track planning” for selected track.

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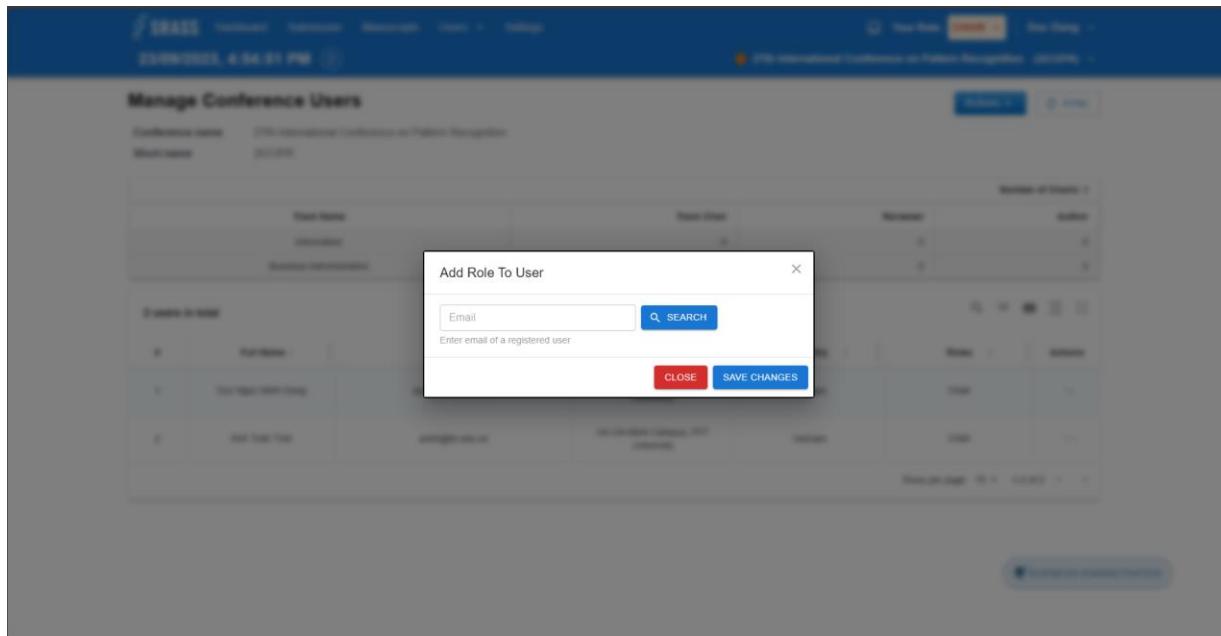
PC Chair choose number of revisions then click on "Save Changes" button to save the information. The system will create phases depending on chosen number of revisions. PC Chair must declare deadlines for phases corresponding to each phase followed by the note above. Finally, PC Chair click on "Save Changes" button to save the track planning.

Phase	Deadline Name	Status	Plan Deadline
New Beginning	Start Date	Enabled	23/09/2023
Calling For Papers	Call For Papers Deadline	Enabled	30/09/2023
Open for Submission	Submission Deadline	Enabled	07/10/2023
Open for Submission Edit	Submission Edits Deadline	Enabled	14/10/2023
Preliminary Assessment	Preliminary Assessment Deadline	Enabled	28/10/2023
Awaiting Submission Review	Review Submission Deadline	Enabled	04/11/2023
Last Decision-Making	Last Decision-Making Deadline	Enabled	11/11/2023
Open for Camera Ready Submission	Camera Ready Submission Deadline	Enabled	18/11/2023

3.2.4 <PC Chair> Add PC Chair to Conference.

This screen is for PC Chair to manage conference. PC Chair click on "Action" buttons, a dropdown will appear. Then choose "Add user to conference" to add other PC Chairs.

Capstone Project Document - Science Research Activity Support System



Search user by emails, then click on “Save Changes” button to add PC Chair.

Track Name	Track Chair	Reviewer	Author
Information	0	0	0
Business Administration	1	0	0

#	Full Name	Email	Organization	Country	Roles	Actions
1	Duc Ngoc Minh Dang	ducdnm@fe.edu.vn	Ho Chi Minh Campus, FPT University	Vietnam	Chair	...
2	Anh Tuan Tran	anhtht@fe.edu.vn	Ho Chi Minh Campus, FPT University	Vietnam	Chair	...
3	Cuong Tuan Nguyen	cuongnt@fe.edu.vn	Ho Chi Minh Campus, FPT University	Vietnam	Track Chair	...
4	Thy Thi Ai Nguyen	thynta@fe.edu.vn	Ho Chi Minh Campus, FPT University	Vietnam	Track Chair	...

3.2.5 <PC Chair> Configure Subject Area.

Conference has moved to “Calling for paper”. PC Chair must configure subject area for selected track.

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The screenshot shows the SRASS system interface. At the top, there's a blue header bar with the logo 'SRASS', navigation links like 'Dashboard', 'Submission', 'Manuscripts', 'Users', 'Settings', and user information 'Your Role: CHAIR' and 'Duc Dang'. Below the header is a banner for '27th International Conference on Pattern Recognition (2ICOPR)'. The main content area has a sidebar on the left with sections: 'General' (Track, Registration), 'Features' (Paper Status, Subject Area), 'Subject Area' (Submission, Reviewer Suggestion, Camera Ready Submissions, Presentations), 'Forms' (Submission), 'Activity Timeline' (Deadlines), and 'Track Plan' (Plan Deadlines). The main panel is titled 'Subject Area (6)' and contains a table with six rows: 'Cloud Computing', 'Artificial Intelligence and Machine Learning', 'Data Science and Analytics', 'Digital Marketing and Online Advertising', 'IT Project Management', and 'Virtual Reality and Augmented Reality'. Each row has edit and delete icons. Below the table is a button labeled '+ ADD SUBJECT AREA'. At the bottom right of the main panel is a 'BUSINESS ADMINISTRATION' badge.

PC Chair click on “+ ADD SUBJECT AREA” to add new subject.

3.2.6 <PC Chair> Configure Submission Questions.

PC Chair move to “Forms” section then choose “Submission” tab to create submission question. To Create Question, PC Chair clicks on “+ ADD NEW QUESTION” button and fulfil required information.

The screenshot shows the SRASS system interface. At the top, there's a blue header bar with the logo 'SRASS', navigation links like 'Dashboard', 'Submission', 'Manuscripts', 'Users', 'Settings', and user information 'Your Role: CHAIR' and 'Duc Dang'. Below the header is a banner for '27th International Conference on Pattern Recognition (2ICOPR)'. The main content area has a sidebar on the left with sections: 'General' (Track, Registration), 'Features' (Paper Status, Subject Area, Conf...), 'Forms' (Submission, Camera Ready Submission, Review Criteria, Decision Criteria), 'Activity Timeline' (Deadlines), and 'Track Plan' (Plan Deadlines). The main panel is titled 'Submission Questions' and contains a table with two rows. Row 1: Question '1. Is this an interdisciplinary study?' (Type: Options, Yes, No), and Row 2: Question '2. What is the research question or problem you are addressing?' (Type: Comment). Each row has edit and delete icons. Below the table is a 'PREVIEW' button, a 'SYNC' button, and a 'Save Changes' button at the bottom right. At the bottom right of the main panel is a 'BUSINESS ADMINISTRATION' badge.

PC Chair can configure other things by move to each tab at each section.

3.3 Workflow 2 - Monitor and Manage Conference Submissions

3.3.1 <Author> Create Submission

Login to system as “Author”, then click on “OPEN FOR SUBMISSION” tab at screen “Conferences” to redirect to “Create New Paper” page.

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The screenshot shows the SRASS Conferences page. At the top, there is a navigation bar with the SRASS logo, user name 'Anh Nguyen', and a 'SYNC' button. Below the navigation bar, there is a search bar with the placeholder 'Type to search...'. The main content area displays a table of conferences. The columns in the table are: Name, Start Date, End Date, Location, Website Link, Calling for papers, and Status. One conference listed is '27th International Conference on Pattern Recognition (2ICOPR)', which is open for submission. The status for this conference is 'Ongoing'. At the bottom of the table, there are pagination controls: 'Rows per page: 10', '1–1 of 1', and navigation arrows.

Author fulfils required information then click "+ Submit Paper" to create submission.

The screenshot shows the SRASS Submission page for the '27th International Conference on Pattern Recognition (2ICOPR)'. The top navigation bar includes 'Submission', 'My Registration', 'Your Role: AUTHOR', and 'Anh Nguyen'. The date '01/10/2023, 5:04:52 PM' and a refresh icon are also present. The main form is titled 'TITLE AND ABSTRACT *'. It contains fields for 'Title' (A Hybrid Intrusion Detection System using Machine Learning and Rule-based Techniques) and 'Abstract' (a detailed description of the research paper's methodology and results). Below this, the 'AUTHORS *' section allows adding collaborators. A table lists two authors: Anh Hoang Nguyen and Hien Bui. The table columns include First Author, Corresponding, Primary Contact, Email, First Name, Middle Name, Last Name, Organization, Country/Region, and Action. Both authors are marked as primary contacts and have their emails listed. The organization for both is 'Ho Chi Minh Campus, FPT University' and the country is 'Vietnam'.

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SRASS Submission My Registration
01/10/2023, 5:05:23 PM

Your Role: AUTHOR Anh Nguyen
27th International Conference on Pattern Recognition (2ICOPR)

1. *Is this an interdisciplinary study?
(Yes/No)
 Yes
 No

2. *What is the research question or problem you are addressing?
Write the answer
Lack of empirical evidence on how social media use impacts the mental health of this population group in Vietnam.

[Go Back](#) [+ Submit Paper](#)

After creating submission, author can view summary information.

SRASS Submission My Registration
01/10/2023, 5:06:39 PM

Your Role: AUTHOR Anh Nguyen
27th International Conference on Pattern Recognition (2ICOPR)

Submission Summary

Conference name	27th International Conference on Pattern Recognition
Conference short name	2ICOPR
Track name	Business Administration
Paper ID	a00b-dd5f3
Paper title	A Hybrid Intrusion Detection System using Machine Learning and Rule-based Techniques
Abstract	In this research paper, we propose a hybrid intrusion detection system that combines machine learning algorithms with rule-based techniques to enhance the detection accuracy of network intrusions. The machine learning models are trained on a large dataset of network traffic to identify anomalous patterns, while the rule-based techniques provide a set of predefined rules to detect specific types of attacks. Experimental results show that the hybrid approach outperforms individual techniques in terms of detection accuracy and false positive rates.
Created on	October 1st 2023, 5:06:15 PM
Authors	Anh Hoang Nguyen (Ho Chi Minh Campus, FPT University) <anhnh@fpt.edu.vn> ✓ Bùi Hiền <hienbtsse150763@fpt.edu.vn> ✓
Primary subject areas	Cloud Computing
Secondary subject areas	Artificial Intelligence and Machine Learning

3.3.2 <PC Chair> Monitor Submissions

PC Chair can monitor the statistic of submissions and list of submissions through "Submission Console" page.

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The screenshot shows the SRASS Chair Console dashboard for the "27th International Conference on Pattern Recognition (2ICOPR)". The top navigation bar includes links for Dashboard, Submission, Manuscripts, Users, and Settings, along with a user role indicator for "Your Role: CHAIR" and a date/time stamp of "01/10/2023, 5:09:47 PM". Below the header, a banner for the conference is displayed.

Chair Console

Conference name: 27th International Conference on Pattern Recognition
Short name: 2ICOPR

Overview
Number of Submissions: 30

Revision
Paper with Revision Submitted: 0
Paper with Revision not Submitted: 0

Camera Ready
Camera Ready Requested: 0

Review
Papers: 30
Papers Assigned Reviewers: 0
Papers not Assigned Reviewers: 30
Review Paper Complete: 0
Review Paper Incomplete: 0

Notified Statuses
Accepted Notified Papers: 0
Rejected Notified Papers: 0
Revision Notified Papers: 0
Desk Rejected Notified Papers: 0
First Attempt: 0
After Revision: 0

Paper Statuses
Awaiting Decision: 30
Accepted Submission: 0
Rejected Submission: 0
Revision Submission: 0
Desk Reject: 0

30 submissions in total

#	Paper	Track	Authors	Reviewer Conflicts	Submission Conflicts	Assigned
1	Agile Project Management in...	Business Administra...	<ul style="list-style-type: none"> Long Qiang Wu (lqwu@fpt.edu.vn) Organization: Ho Chi Minh Campus, FPT Univ Thanh Quoc Nguyen (thanhng@fpt.edu.vn) 	0	0	0 / 0 Assign Reviewer

The PC Chair relies on the number of submissions to estimate the number of reviewers to add to the conference. To add Reviewer, PC Chair goes to "Manage Conference Users", click on "Actions" then choose "Add user to conference" and search by email.

The screenshot shows the "Manage Conference Users" page for the "27th International Conference on Pattern Recognition (2ICOPR)". The table lists users with columns for Name, Organization, Email, Roles, and Actions. A modal window titled "Add Role To User" is open, prompting for an email address to search for a user. The search results show a user named "Bùi Hiền" with the email "hienbtse150763@fpt.edu.vn". The "User Information" section displays the user's full name, organization, and email. The "Roles" section shows the user is assigned to the "Author" role under the "Business Administration" track. A "Track" dropdown menu lists "Chair", "Reviewer", and "Track Chair", with "Reviewer" selected. Buttons for "CLOSE" and "SAVE CHANGES" are at the bottom of the modal.

PC Chair can view overall number of submissions, authors, reviewers, users in conference and view statistic of each track by clicking on "Dashboard" on header, then choose "Participation" tab.

Capstone Project Document - Science Research Activity Support System

The screenshot shows the SRASS dashboard for the 27th International Conference on Pattern Recognition (2ICOPR). The top navigation bar includes links for Dashboard, Submission, Manuscripts, Users, Settings, and a user role indicator for CHAIR. The date and time are shown as 01/10/2023, 5:30:06 PM. The main header displays the conference name, location (TP HCM, Vietnam), current phase (Open for Submission: Submission Deadline (07/10/2023)), and dates (Sep 23rd 2023 - Dec 24th 2023). A large circular logo on the left contains the letters 'SRC'. Below the header, there is a section titled 'OVERVIEW FIGURES' with four colored boxes: yellow for Conference Users (61), blue for Authors (41), green for Submissions (30), and pink for Reviewers (27). A dropdown menu for 'Information' is open. Under 'Business Administration', there is a summary table:

Authors Number of Authors in Track	41	Submissions Number of Submissions in Track	30	Reviewers Number of Reviewers in Track	27
---------------------------------------	----	-----------------------------------------------	----	-------------------------------------------	----

A 'BUSINESS ADMINISTRATION' button is visible. The bottom section shows 'Subject Areas' with two tables: 'Submission Primary Subject Areas (30)' and 'Reviewer Primary Subject Areas (26)'. Both tables list categories and their counts, with a 'BUSINESS ADMINISTRATION' button at the bottom right.

Submission Primary Subject Areas (30)	
The number of submission Digital Marketing and Online Advertising (40%)	12
Total Digital Marketing and Online Advertising Submission	
The number of submission Artificial Intelligence and Machine Learning (17%)	5
Total Artificial Intelligence and Machine Learning Submission	
The number of submission Cloud Computing (17%)	5
Total Cloud Computing Submission	
The number of submission Data Science and Analytics (10%)	3
Total Data Science and Analytics Submission	

Reviewer Primary Subject Areas (26)	
The number of submission Cloud Computing (31%)	8
Total Cloud Computing Submission	
The number of submission Data Science and Analytics (19%)	5
Total Data Science and Analytics Submission	
The number of submission IT Project Management (15%)	4
Total IT Project Management Submission	
The number of submission Virtual Reality and Augmented Reality (15%)	3
Total Virtual Reality and Augmented Reality Submission	
The number of submission Artificial Intelligence and Machine Learning (12%)	3
Total Artificial Intelligence and Machine Learning Submission	

3.3.3 <Author> Edit Submission

Conference move to “Open Edit Submission”. Author now can edit their submission. For example, edit conflict interest for submission. Author click on “Edit Conflicts” button.

Capstone Project Document - Science Research Activity Support System

8 submissions in total

Title	Track	Files	Status	Deadline Time	Actions
Predictive Analytics for Gusto...	Business Admini...	• sample-submission.pdf Download Submission	Awaiting Decision	14/10/2023	<input type="button" value="Edit Submission"/> <input checked="" type="checkbox"/> Edit Conflicts <input checked="" type="checkbox"/> Delete Submission
Responsive Web Design for ...	Business Admini...	Submission Files: • sample-submission.pdf Download Submission	Awaiting Decision	14/10/2023	<input type="button" value="Edit Submission"/> <input checked="" type="checkbox"/> Edit Conflicts <input checked="" type="checkbox"/> Delete Submission
Performance Optimization Te...	Business Admini...	Submission Files: • sample-submission.pdf Download Submission	Awaiting Decision	14/10/2023	<input type="button" value="Edit Submission"/> <input checked="" type="checkbox"/> Edit Conflicts <input checked="" type="checkbox"/> Delete Submission
Automated Testing Framewo...	Business Admini...	Submission Files: • sample-submission.pdf Download Submission	Awaiting Decision	14/10/2023	<input type="button" value="Edit Submission"/> <input checked="" type="checkbox"/> Edit Conflicts <input checked="" type="checkbox"/> Delete Submission
Dynamic Resource Allocatio...	Business Admini...	Submission Files: • sample-submission.pdf Download Submission	Awaiting Decision	14/10/2023	<input type="button" value="Edit Submission"/> <input checked="" type="checkbox"/> Edit Conflicts <input checked="" type="checkbox"/> Delete Submission
		Submission Files:			<input type="button" value="Edit Submission"/> <input checked="" type="checkbox"/> Edit Conflicts <input checked="" type="checkbox"/> Delete Submission

Choose reviewer with selected conflict then click on "Save Changes" button.

27 users in total

Full Name	Email	Organization	Selected Conflicts	Conflicts	Actions
Chien Dinh Trinh	chientd@fe.edu.vn	Ho Chi Minh Campus, FPT University	Yes	• Is/Was a Primary Thesis Advisor at any time	... <input type="checkbox"/> Is a author/co-author <input type="checkbox"/> Is a relative or a friend <input checked="" type="checkbox"/> Is/Was a Primary Thesis Advisor at any time <input type="checkbox"/> Is/Was a colleague (in last 2 years) <input type="checkbox"/> Is/Was a collaborator (in last 2 years) <input type="checkbox"/> Has (a) domain conflicts
Giang Truong Nguyen	giangnt@fe.edu.vn	Ho Chi Minh Campus, FPT University	No		
Han Gia Nguyen	hanng@fe.edu.vn	Ho Chi Minh Campus, FPT University	No		
Hieu Minh Huynh	hieuhm@fe.edu.vn	Ho Chi Minh Campus, FPT University	No		
Hoc Quoc Nguyen	hocnq@fe.edu.vn	Ho Chi Minh Campus, FPT University	No		... <input type="checkbox"/> Is a author/co-author <input type="checkbox"/> Is a relative or a friend <input checked="" type="checkbox"/> Is/Was a Primary Thesis Advisor at any time <input type="checkbox"/> Is/Was a colleague (in last 2 years) <input type="checkbox"/> Is/Was a collaborator (in last 2 years) <input type="checkbox"/> Has (a) domain conflicts

Rows per page: 5 | 1-5 of 27 | < < > >|

3.3.4 <PC Chair> Desk Reject Submissions

The current phase of the conference is "Desk Reject". PC Chair click on "Desk Reject" button of specific submission to desk rejected, PC Chair also can view the number of submissions desk rejected at "Submission Console" page.

Capstone Project Document - Science Research Activity Support System

The screenshot shows the SRASS dashboard with the following details:

- Paper Statuses:**
 - Awaiting Decision: 27
 - Accepted Submission: 0
 - Rejected Submission: 0
 - Revision Submission: 0
 - Desk Reject: 3
- Submissions Table:**

	Average Score	Status	Notify Status	Revision Submitted?	Requested for Camera Ready?	Camera Ready Submitted?	Action
0%	DESK REJECT	Decide on Paper	AWAITING DECISION	No	No	No	...
0%	DESK REJECT	Decide on Paper	AWAITING DECISION	No	No	No	...
0%	DESK REJECT	Decide on Paper	AWAITING DECISION	No	No	No	...

3.3.5 <PC Chair> Assign Reviewers To Submission

By clicking on “Actions” button at specific submission, PC Chair choose “Edit Reviewer Assignments” to assign reviewer to submission.

The screenshot shows the SRASS dashboard with the following details:

- Submissions Table:**

	Average Score	Status	Notify Status	Revision Submitted?	Requested for Camera Ready?	Camera Ready Submitted?	Actions
0%	AWAITING DECISION	Decide on Paper	AWAITING DECISION	No	No	No	...
0%	AWAITING DECISION	Decide on Paper	AWAITING DECISION	No	No	No	...
0%	AWAITING DECISION	Decide on Paper	AWAITING DECISION	No	No	No	...
- Context Menu (Open over the third submission):**
 - View Submission
 - Edit Submission
 - Edit Conflicts
 - Edit Reviewer Assignments
 - Upload Supplementary Material

At “Reviewer Assignment Console” page, PC Chair choose reviewers then click on “Assign” button to assign.

Capstone Project Document - Science Research Activity Support System

SRASS Dashboard Submission Manuscripts Users Settings

Your Role: CHAIR Duc Dang 27th International Conference on Pattern Recognition (2ICOPR)

15/10/2023, 5:17:28 PM

ID	Name	Email	Organization	Conflicts	Score	Status	
10	Kien Trung Ha	kientht@fie.edu.vn	Ho Chi Minh Campus, FPT University	• Has (a) domain conflicts	0	0.17848	<input type="checkbox"/>
11	Kien Dinh Pham	keindp@fie.edu.vn	Ho Chi Minh Campus, FPT University	• Has (a) domain conflicts	0	0.17848	<input type="checkbox"/>
12	Luan Tien Tran	luantt@fie.edu.vn	Ho Chi Minh Campus, FPT University	• Has (a) domain conflicts	0	0.17848	<input type="checkbox"/>
13	Truong Quang Pham	truongq@fie.edu.vn	Ho Chi Minh Campus, FPT University	• Has (a) domain conflicts	0	0.17848	<input checked="" type="checkbox"/>
14	Hieu Minh Huynh	hiuemh@fie.edu.vn	Ho Chi Minh Campus, FPT University	• Has (a) domain conflicts	0	0.16	<input checked="" type="checkbox"/>
15	Nhan Thien Bui	nhanbt@hcmut.edu.vn	Ho Chi Minh City University of Technology		0	0.16	<input checked="" type="checkbox"/>

Rows per page: 15 1-15 of 27

Back to Chair Console Assign BUSINESS ADMINISTRATION

After assigning Reviewers, PC Chair can monitor statistic related to reviewer assignments.

SRASS Dashboard Submission Manuscripts Users Settings

Your Role: CHAIR Duc Dang 27th International Conference on Pattern Recognition (2ICOPR)

15/10/2023, 5:19:56 PM

Chair Console Actions SYNC

Category	Value
Overview	Number of Submissions: 30
Revision	Paper with Revision Submitted: 0
Camera Ready	Camera Ready Requested: 0
Review	Papers: 27
	Papers Assigned Reviewers: 27
	Papers not Assigned Reviewers: 0
	Review Paper Complete: 0
	Review Paper Incomplete: 27

3.3.6 <Reviewer> Reviewer Review Submission

The current phase of the conference is “Awaiting Submission Review”. To review submission, Reviewer click on “Enter Review” button at “Actions” column.

SRASS Assigned Submission Settings

Your Role: REVIEWER Rang Le 27th International Conference on Pattern Recognition (2ICOPR)

29/10/2023, 5:00:11 PM

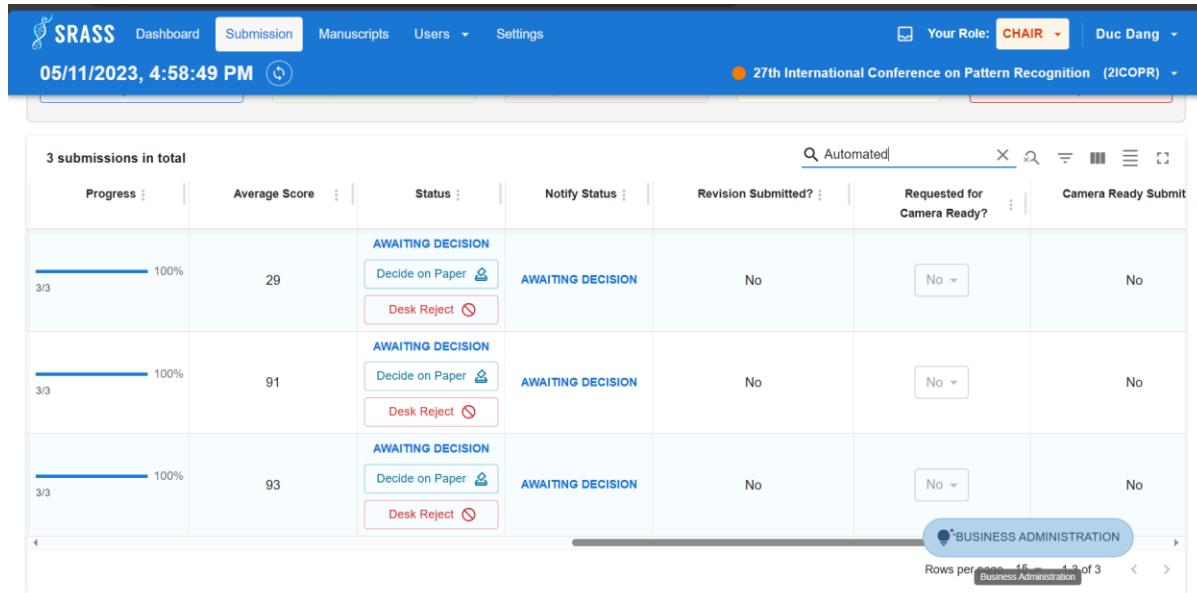
Primary Subject Area	Secondary Subject Area	Files	Deadline Time	Actions
Digital Marketing and Online Advertising	Cloud Computing Data Science and Analytics	Submission Files: Download Submission	04/11/2023	Enter Review
Data Science and Analytics	Artificial Intelligence and Machine Learning IT Project Management	Submission Files: Download Submission	04/11/2023	Enter Review
Digital Marketing and Online Advertising	Cloud Computing Virtual Reality and Augmented Reality	Submission Files: Download Submission	04/11/2023	Enter Review

Capstone Project Document - Science Research Activity Support System

Reviewer enters necessary information, then click “Submit Review” button to finish review a submission.

3.3.7 <PC Chair> Decide On Submission.

After the “Awaiting Submission Review” ended. Now the phase is “Last Decision-Making”, PC Chair can decide on paper by clicking “Decide on Paper”.

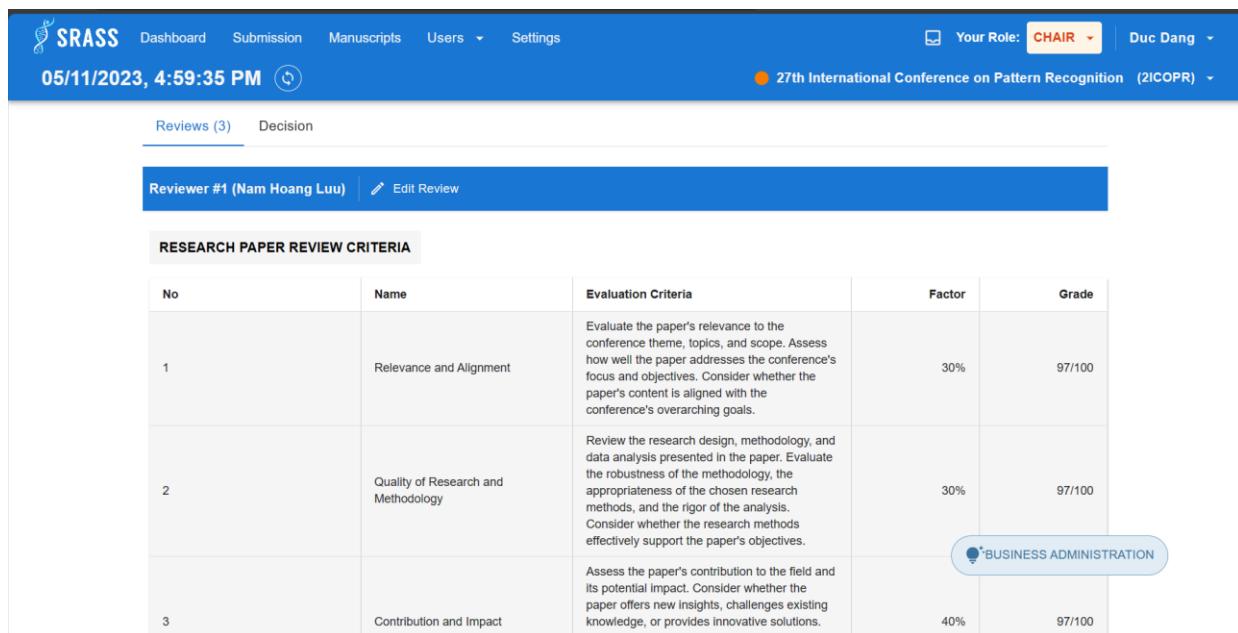


The screenshot shows the SRASS dashboard with a blue header bar. The header includes the logo, "SRASS", "Dashboard", "Submission" (which is highlighted in red), "Manuscripts", "Users", "Settings", "Your Role: CHAIR", "Duc Dang", and "27th International Conference on Pattern Recognition (2ICOPR)". Below the header, a search bar contains the text "Automated". A table displays three submissions:

Progress	Average Score	Status	Notify Status	Revision Submitted?	Requested for Camera Ready?	Camera Ready Submit
3/3 100%	29	AWAITING DECISION	Decide on Paper	AWAITING DECISION	No	No
3/3 100%	91	AWAITING DECISION	Decide on Paper	AWAITING DECISION	No	No
3/3 100%	93	AWAITING DECISION	Decide on Paper	AWAITING DECISION	No	No

At the bottom right of the table, there is a "BUSINESS ADMINISTRATION" badge. Below the table, it says "Rows per page: 15 1-3 of 3 Business Administration".

PC Chair can review all submission's reviews before deciding.



The screenshot shows the SRASS dashboard with a blue header bar. The header includes the logo, "SRASS", "Dashboard", "Submission", "Manuscripts", "Users", "Settings", "Your Role: CHAIR", "Duc Dang", and "27th International Conference on Pattern Recognition (2ICOPR)". Below the header, a navigation bar has "Reviews (3)" selected (highlighted in red) and "Decision". A sub-header "Reviewer #1 (Nam Hoang Luu)" and "Edit Review" are shown. A table titled "RESEARCH PAPER REVIEW CRITERIA" lists three criteria:

No	Name	Evaluation Criteria	Factor	Grade
1	Relevance and Alignment	Evaluate the paper's relevance to the conference theme, topics, and scope. Assess how well the paper addresses the conference's focus and objectives. Consider whether the paper's content is aligned with the conference's overarching goals.	30%	97/100
2	Quality of Research and Methodology	Review the research design, methodology, and data analysis presented in the paper. Evaluate the robustness of the methodology, the appropriateness of the chosen research methods, and the rigor of the analysis. Consider whether the research methods effectively support the paper's objectives.	30%	97/100
3	Contribution and Impact	Assess the paper's contribution to the field and its potential impact. Consider whether the paper offers new insights, challenges existing knowledge, or provides innovative solutions. Evaluate the significance of the findings and their broader implications.	40%	97/100

At the bottom right of the table, there is a "BUSINESS ADMINISTRATION" badge.

After reviewing, PC Chair check works to do and assign status for submission, then click “Submit Decision” button to decide.

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The screenshot shows the SRASS dashboard with a blue header bar. On the left, there's a logo and navigation links: Dashboard, Submission, Manuscripts, Users, Settings, Your Role: CHAIR, and Duc Dang. A banner at the top right says "27th International Conference on Pattern Recognition (2ICOPR)". Below the header, there's a text box about disqualification factors and a "DECISION CHECKLIST" table. Under "FINAL DECISION", a dropdown menu shows "Accept", "Revision", and "Reject". Buttons for "Go Back" and "Submit" are visible.

PC Chair can view statistic of decided submissions after deciding a list of submissions.

The screenshot shows the SRASS dashboard with a blue header bar. On the left, there's a logo and navigation links: Dashboard, Submission, Manuscripts, Users, Settings, Your Role: CHAIR, and Duc Dang. A banner at the top right says "27th International Conference on Pattern Recognition (2ICOPR)". Below the header, there's a "Paper Statuses" section with counts for Awaiting Decision, Accepted Submission (16), Rejected Submission (11), Revision Submission (0), and Desk Reject (3). A main table lists 30 submissions in total, with columns for #, Paper, Track, Authors, Reviewer Conflicts, Submission Conflicts, and Assigned. Each row shows submission details like title, track, authors' names, and conflict counts. A "BUSINESS ADMINISTRATION" badge is visible in the bottom right of the table area.

3.3.8 <PC Chair> Notify Status Of Submission To Authors

To notify to Authors, PC Chair click on “Author Notification” button.

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The screenshot shows the SRASS Chair Console dashboard for the 27th International Conference on Pattern Recognition (2ICOPR). The top navigation bar includes links for Dashboard, Submission, Manuscripts, Users, Settings, and a user profile for 'Duc Dang'. A sidebar on the right contains a dropdown menu for 'Actions' with options like 'Create New Submission', 'Camera Ready Bulk Enable', and 'Notification Open For Submission'. Below the dashboard, there are sections for Overview, Revision, Review, Notified Statuses, and Paper Statuses, each displaying various counts of paper submissions and statuses.

Select the track that want to notify and click "Next" button to move on.

The screenshot shows the 'Author Notification Wizard' step 1: 'Choose tracks'. The interface includes a progress bar with four steps: 1. Choose tracks, 2. Email settings, 3. Review, and 4. Preview. Below the progress bar is a table titled 'Choose tracks' with columns for 'Select', 'Track', and 'Number of Submissions'. Two tracks are listed: 'Information' (0 submissions) and 'Business Administration' (30 submissions). At the bottom are buttons for 'Cancel', 'Previous', and 'Next'.

PC Chair must create email template for paper status before move on next step. To create email template, click on "+ Create New Template" button. After that select email template suiting each paper status, then click on "Next" button to move on.

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The screenshot shows the SRASS software interface. At the top, there is a navigation bar with links for Dashboard, Submission, Manuscripts, Users, and Settings. The user's role is listed as CHAIR, and the name Duc Dang is shown. A banner at the top right indicates the event is the 27th International Conference on Pattern Recognition (2ICOPR).

The main content area displays a table for selecting email templates based on paper status. The table has two columns: 'Paper Status' and 'Email Template'. The rows correspond to the following entries:

Paper Status	Email Template
Desk Reject	Template Desk Reject
Accept	Template Accept
Reject	Template Reject

Below the table are buttons for Cancel, Previous, and Next. A circular badge labeled 'BUSINESS ADMINISTRATION' is visible in the bottom right corner.

PC Chair can review statistic number of submission and number of emails to send.
Click "Next" button to move on.

The screenshot shows the SRASS software interface. At the top, there is a navigation bar with links for Dashboard, Submission, Manuscripts, Users, and Settings. The user's role is listed as CHAIR, and the name Duc Dang is shown. A banner at the top right indicates the event is the 27th International Conference on Pattern Recognition (2ICOPR).

The main content area displays a table for reviewing author notification activity deadline. The table has three columns: 'Paper Status', 'Number of Submissions', and 'Number of Emails to Send'. The rows correspond to the following entries:

Paper Status	Number of Submissions	Number of Emails to Send
Accept	16	16
Reject	11	11
Desk Reject	3	3

At the bottom of the table, it says 'Total Submission: 30 Total Emails Send 30'. Below the table are buttons for Cancel, Previous, and Next. A circular badge labeled 'BUSINESS ADMINISTRATION' is visible in the bottom right corner.

PC Chair can preview the content of email before sending by click on "Eyes" icon. Then click no "Send" button to send emails.

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The screenshot shows a list of submissions for review. The columns include From Name, From Email, To Name, To Email, Subject, and Actions. The list contains 16 entries, with the last entry being 'Reject'. The interface includes a search bar, filters, and pagination at the bottom.

From Name	From Email	To Name	To Email	Subject	Actions
Duc	ducdnm@fe.edu.vn	Nguyen Tan	tann@eiu.edu.vn	Notify Submission Accept F...	
Duc	ducdnm@fe.edu.vn	Nguyen Anh	anhnh@fpt.edu.vn	Notify Submission Accept F...	
Rows per page 5 1-5 of 16 < > >>					
Reject					
Duc	ducdnm@fe.edu.vn	Nguyen Anh	anhnh@fpt.edu.vn	Notify Submission Reject Fo...	
Duc	ducdnm@fe.edu.vn	Nguyen Anh	anhnh@fpt.edu.vn	Notify Submission Reject Fo...	
Duc	ducdnm@fe.edu.vn	Pham Truong	truongpq@fe.edu.vn	Notify Submission Reject Fo...	
Duc	ducdnm@fe.edu.vn	Phan Trang	trangptm@duytan.edu.vn	Notify Submission Reject Fo...	
Duc	ducdnm@fe.edu.vn	Huynh Lam	lamhh@fe.edu.vn	Notify Submission Reject Fo...	
Rows per page 5 1-5 of 11 < > >>					

Cancel Previous Send BUSINESS ADMINISTRATION

Before "Open for Camera Ready Submission" phase. PC Chair must request camera ready for submissions. To request a bulk of submissions, PC Chair click on "Camera Ready Bulk Enable" then choose track.

3.4 Workflow 3 - Prepare Conference Proceeding

The screenshot shows the Chair Console interface. It displays various metrics such as the number of submissions (30), papers assigned to reviewers (0), and notifications sent (16). A dropdown menu under 'Actions' shows options like 'Create New Submission', 'Camera Ready Bulk Enable' (which is highlighted), and 'Notification Open For Submission'. The interface also includes sections for 'Notified Statuses' and 'Paper Statuses'.

Conference name: 27th International Conference on Pattern Recognition
Short name: 2ICOPR

Actions: Create New Submission, Camera Ready Bulk Enable, Camera Ready Bulk Disable, Notification Open For Submission, Author Notification

Notified Statuses: Accepted Notified Papers: 16, First Attempt: 16, After Revision: 0, Rejected Notified Papers: 11, Revision Notified Papers: 0, Desk Rejected Notified Papers: 3

Paper Statuses: Awaiting Decision: 0, Accepted Submission: 16, Rejected Submission: 11, Revision Submission: 0, Desk Reject: 3

BUSINESS ADMINISTRATION

3.4.1 <Author> Submit Camera Ready

The current phase of the conference is "Open for Camera Ready Submission". Author now can submit camera ready by clicking on "Create Camera Ready".

Capstone Project Document - Science Research Activity Support System

SRASS Submission My Registration

12/11/2023, 4:56:21 PM

Your Role: AUTHOR Anh Nguyen

27th International Conference on Pattern Recognition (2ICOPR)

All Submissions Requested for Camera Ready Submissions Requested for Presentation Submissions

4 submissions in total

Title	Track	Files	Status	Deadline Time	Actions
Secure and Efficient Data Ag...	Business Admini...	Submission Files: sample-submission.pdf Download Submission	Accept Reviews	18/11/2023	Camera Ready Submission: Create Camera Ready
Responsive Web Design for ...	Business Admini...	Submission Files: sample-submission.pdf Download Submission	Accept Reviews	18/11/2023	Camera Ready Submission: Create Camera Ready
Performance Optimization Te...	Business Admini...	Submission Files: sample-submission.pdf Download Submission	Accept Reviews	18/11/2023	Camera Ready Submission: Create Camera Ready
Automated Testing Framewo...	Business Admini...	Submission Files: sample-submission.pdf Download Submission	Accept Reviews	18/11/2023	Camera Ready Submission: Create Camera Ready

Rows per page: 10 1-4 of 4

To create Camera Ready. Author must fulfil required information then click on "+ Submit Camera Ready" to submit.

3.4.2 <Author> Register Papers

After submitting camera ready, Author can register paper by clicking "REGISTER PAPER" button.

SRASS Submission My Registration

12/11/2023, 5:01:34 PM

Your Role: AUTHOR Anh Nguyen

27th International Conference on Pattern Recognition (2ICOPR)

Authors Console

Conference name: 27th International Conference on Pattern Recognition

Short name: 2ICOPR

SYNC REGISTER PAPER

All Submissions Requested for Camera Ready Submissions Requested for Presentation Submissions

8 submissions in total

#	Paper ID	Title	Track	Files	Status	Deadline Time
1	b9f5-c4ade	Automated Testing Framewo...	Business Admini...	Submission Files: sample-submission.pdf Download Submission Camera Ready Files: camera-ready.pdf Download Camera Ready Copy Right Files: copy-right.pdf Download Copy Right Files	Accept Reviews	18/11/2023

Registration Papers maybe free or paid depending on how PC Chair configure the price. Author must choose option and select the paper to register. Then click on "CHECK OUT" button to move on.

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The screenshot shows the SRASS submission interface. At the top, it displays the date and time (12/11/2023, 5:09:59 PM) and the user's role (AUTHOR). The conference information (27th International Conference on Pattern Recognition (2ICOPR)) is also visible. Below this, there are two sections for "Basic Author Registration".
Section 1: Paper title is "Performance Optimization Techniques for Mobile Apps", Number of Pages is 14, and Number of Extra Pages is 0.
Section 2: Paper title is "Secure and Efficient Data Aggregation in IoT Networks", Number of Pages is 13, and Number of Extra Pages is 0.
A green "+ ADD" button is located below the second section, and a blue "+ CHECKOUT" button is at the bottom right.

Author can view summary of information before finishing registration.

The screenshot shows the SRASS submission interface with a summary of registration and paper information. It includes:
Registration Information:
- Registrant: Anh Hoang Nguyen (anhnh@fpt.edu.vn)
- Registrant Organization: Ho Chi Minh Campus, FPT University
Conference Name: 27th International Conference on Pattern Recognition (2ICOPR)
Conference Short Name: 2ICOPR
Paper Information:
- Paper 1: Automated Testing Framework for Agile Software Development (Paper ID: b9f50e26-e714-c17b-c763-3a0d670c4ade)
- Paper 2: Performance Optimization Techniques for Mobile Apps (Paper ID: 226ad0d4-8c88-101a-8c24-3a0d670c4ade)
The table below summarizes the details for each paper:

Paper	Authors	Number of Pages	Number of Extra Pages
Automated Testing Framework for Agile Software Development	Anh Hoang Nguyen (anhnh@fpt.edu.vn) Organization: Ho Chi Minh Campus, FPT University Son Tran Thanh Dang (sondt@hufi.edu.vn) Organization: Ho Chi Minh City University of Food Industry	15	0
Performance Optimization Techniques for Mobile Apps	Anh Hoang Nguyen (anhnh@fpt.edu.vn) Organization: Ho Chi Minh Campus, FPT University Dr. Thong Quang Le (thonqla@tdnu.edu.vn)	14	0

3.4.3 <Author> Submit Presentation Submission

Before “Open for Presentation Submission” phase. PC Chair must request for presentations by clicking on “Presentation Bulk Enable” and choose track.

Capstone Project Document - Science Research Activity Support System

Conference Manuscript

Conference name: 27th International Conference on Pattern Recognition
Short name: 2ICOPR

Camera Ready
Number of Camera Ready Requested Papers: 16
Number of Papers with Camera Ready Submitted: 13
Number of Papers with Camera Ready not yet Submitted: 3

Registration
Registered Papers: 8
Unregistered Papers: 5

Presentation
Presentation Requested Papers: 0
Papers with Presentation Submitted: 0
Papers with Presentation not yet Submitted: 0

Request for camera ready All manuscripts All registered manuscripts Request for presentation Presentation-submitted manuscripts

16 submissions in total

Authors: BUSINESS ADMINISTRATION

The current phase of the conference is "Open for Presentation Submission". Author now can submit camera ready by clicking on "Upload Presentation".

Title	Track	Files	Status	Deadline Time	Actions
Performance Optimization Te...	Business Admini...	Submission Files: • sample-submission.pdf Download Submission Camera Ready Files: • sample-camera-ready.pdf Download Camera Ready Copy Right Files: • sample-copyright.pdf Download Copy Right Files	Accept Reviews	25/11/2023	Presentation: Upload Presentation
Automated Testing Framewo...	Business Admini...	Submission Files: • sample-submission.pdf Download Submission Camera Ready Files: • camera-ready.pdf Download Camera Ready Copy Right Files: • copy-right.pdf Download Copy Right Files	Accept Reviews	25/11/2023	Presentation: Upload Presentation

Author fulfills required information then click on "Upload Presentation" button to submit.

Capstone Project Document - Science Research Activity Support System

Paper title: Automated Testing Framework for Agile Software Development
 Track name: Business Administration

CHECK PRESENTERS

Check	Full Name	Email
<input checked="" type="checkbox"/>	Anh Hoang Nguyen	anhnh@fpt.edu.vn
<input type="checkbox"/>	Son Tran Thanh Dang	sondtt@hifi.edu.vn

FILES

You can upload from 1 to 3 files. Maximum file size is 10 Mb. We accept doc, docx, pdf formats.

File Name	Size (KB)	Upload date	Action
presentation.pdf	2245.02	9/23/2023, 7:23:40 PM	X

[UPLOAD FILES](#)

[Go Back](#) [Upload Presentation](#)

3.4.4 <Admin> Export Final Report.

After the conference has ended, now Admin can export the final report by clicking on “EXPORT FINAL REPORT” button.

Conferences (2)

CREATE CONFERENCE

Name	Start Date	End Date	Location	Website Link	Status	Actions	Final Report	
27th International Conference on Pattern Recognition	23/09/2023	24/12/2023	TP HCM, Vietnam	Link not provided	Edit Delete Sync	Finished	There are currently no actions	EXPORT FINAL REPORT

Here is the structure of final report

final-report-2ICOPR.zip

File Commands Tools Favorites Options Help

Add Extract To Test View Delete Find Wizard Info VirusScan Comment SFX

Name	Size	Packed	Type	Modified	CRC32
9b317fca-37c3-b...	4,289,365	3,345,940	File folder		
83ce1667-30e0-...	4,289,365	3,345,940	File folder		
226ad4d4-8c88-...	4,289,365	3,345,940	File folder		
452cda9a-5bbc-...	4,289,365	3,345,940	File folder		
59950e26-e714-c...	4,289,365	3,345,940	File folder		
cdd424ca-5d34-...	4,289,365	3,345,940	File folder		
e0d020aa-c1e0-...	4,289,365	3,345,940	File folder		
f5fb9c3c-2389-a...	4,289,365	3,345,940	File folder		
conference-archi...	10,272	9,490	Microsoft Excel Wo...	9/23/2023 7:29 ...	97BEF5E3
conference-man...	24,738,716	17,158,876	Microsoft Edge PD...	9/23/2023 7:29 ...	19722606