

# Conference Navigator Administration

## Administration System for Conference Navigator 3

INFSCI 2950 - INDEPENDENT STUDY: SYSTEMS

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## Part I. Introduction to Conference Navigator Administration

Conference Navigator Administration is the administration system for Conference Navigator 3. The CN3(Conference Navigator 3 ) is web system that supports conference attendees and organizers. It is a personal conference scheduling tool with social linking and recommendation features.

The administration system is created to allow organizers or hosts of conferences to import conference information, like attendees, papers and etc into our system. These informations can be use later in CN3 after complex integration and transformation.The main focus of this system is to simplify organizers' work, providing them a easier way to enter the information of conferences. Organizers can directly input the information manually in our system, or they can also upload well-formatted files(xml, excel), the system can help them to transfer and store the file in our system.

## Part II. Technical Details

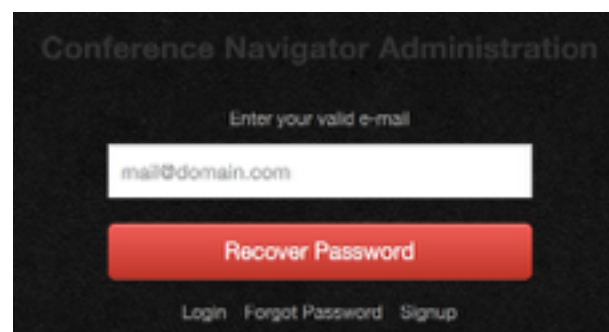
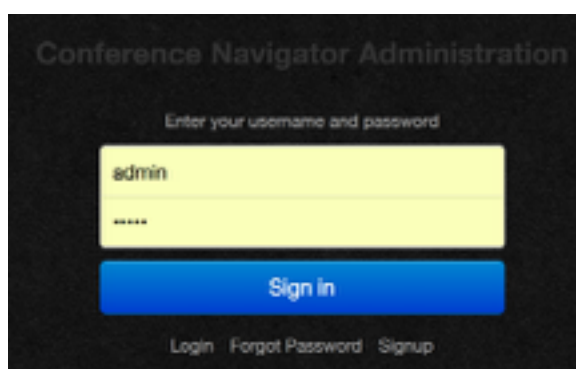
### Development Environment and Techniques:

1. Database : MySQL
2. Backend Language: PHP
3. Frontend Structure : Bootstrap3
4. Javascript : jQuery and AJAX

## Part III. System Review

### 1. Index Module

#### 1) Login and Register



User needs to login in first before they can use the administration system, as you can see from the figures above, we create a simple login page for user to login in. And in case user forget their password, we can send their password to their email once we recognize the user in our system.

Conference Navigator Administration

username  
mail@domain.com  
Password  
re-enter password  
Position  
Department  
Organization  
Register  
Login Forgot Password Signup

We also create a register page. Username, email and password are required, while position, Department, Organization are optional

## 2) Dashboard

Conference Navigator Dashboard Conference Info Papers Schedule Attendees Authors

Access

Dashboard  
Conference Information 2  
Paper 6  
Schedule 6  
Attendees 6  
Authors 6  
Logout

Conferences +Create Conference

#	Title	Location	Status	Action
1	xxxxxx	xx	Under Review	[Edit]
2	ConferenceA	Pittsburgh	Under Review	[Edit]
3	ConferenceDDD	Pittsburgh	Under Review	[Edit]
4	DD	DD	Under Review	[Edit]
5	FF	FF	Under Review	[Edit]
6	NewConference	Pittsburgh	Under Review	[Edit]

A dashboard is created for user to take a brief view of their his account. We provide a sidebar as well as navigator. User can click on them to see detail informations. The sidebar and navigator is composed of ConferenceInfo, Paper, Schedule, Attendees and Authors.

## 2. Conference Module

### 1) Add Conference

Full Title: HyperTest 2013

Short Title: HT2013

Location: Pittsburgh,PA,USA

Twitter Hashtag:

Reservation dates: 12/18/2014 - 12/24/2014

Website:

Abstract: HyperTest 2013

Save

Organizer are allowed to create a conference in our system. Title, reservation dates and location is required, while the others are optional. We also use a calendar in the reservation dates column. User can directly select the dates without type anything.

12/18/2014 - 12/24/2014

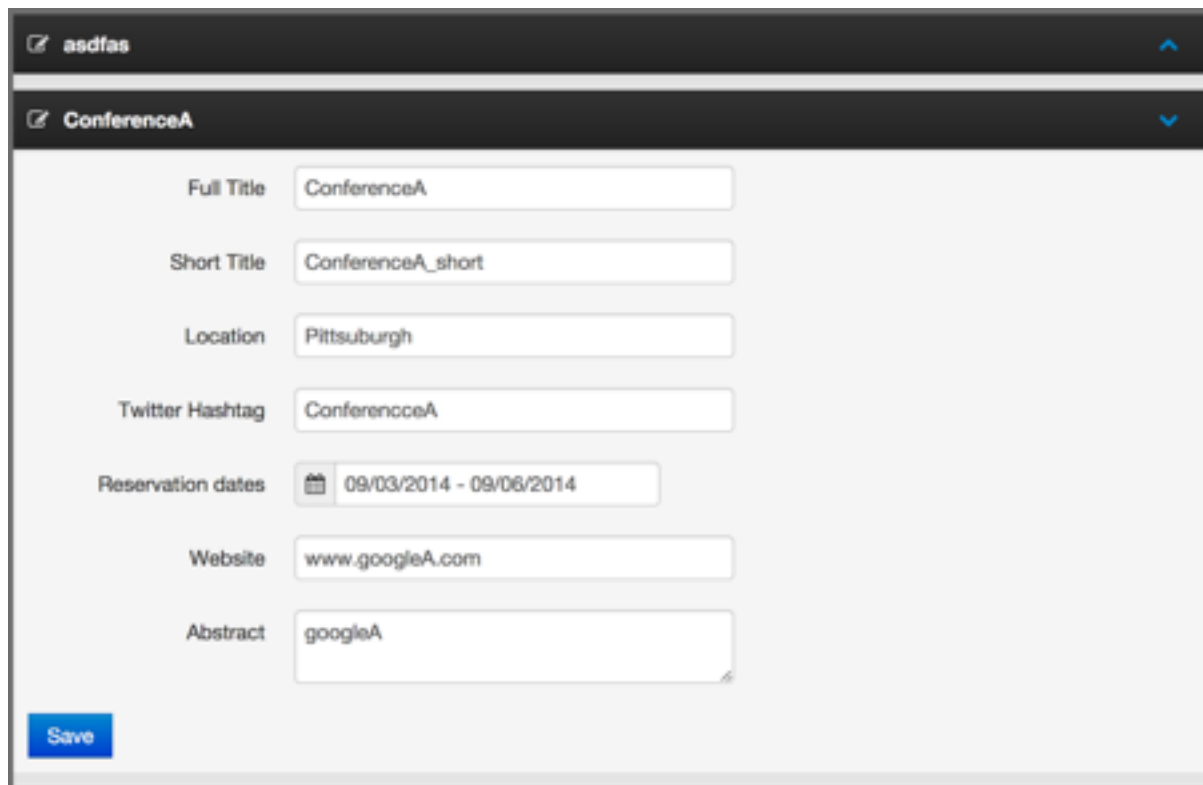
FROM: 12/18/2014 TO: 12/24/2014

Apply Clear

← December 2014 →						
Su	Mo	Tu	We	Th	Fr	Sa
30	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3
4	5	6	7	8	9	10

December 2014 →						
Su	Mo	Tu	We	Th	Fr	Sa
30	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3
4	5	6	7	8	9	10

## 2) Edit Conference



The screenshot shows a web application interface for editing a conference. The interface is titled "ConferenceA" and contains the following fields:

- Full Title: ConferenceA
- Short Title: ConferenceA\_short
- Location: Pittsburg
- Twitter Hashtag: ConferencceA
- Reservation dates: 09/03/2014 - 09/06/2014
- Website: www.googleA.com
- Abstract: googleA

A blue "Save" button is located at the bottom left of the form.

User can also edit the conference after creation. Everything is changeable. In addition, we use collapse plugin to built a simple accordion by extending the panel component. User can then chose which conference they want to edit.

## 2. Paper Module

### 1) Add and Edit Paper

We provide 3 different ways for user to add a new paper. The first way is to directly add a new paper manually. Title is required while the others are optional.



The screenshot shows a web application interface for adding a new paper. The form is titled "New Paper Information" and contains the following fields:

- Title
- Authors
- Keywords
- Content Type
- Abstract

At the bottom right of the form, there are two buttons: "Save" and "Close".











In case user want to add several papers at the same time, we do create a new page for user to add paper one by one. They can also edit or delete existing paper if they want in this page

Add Contents		
Title	Abstract	
An Approach for Anomaly Intrusion Detectic	N/A	Ma
An Approach for Increasing Security to Syrr	N/A	Mu
An Optimal Data Center Availability and Inw	N/A	Mor
Design and Implementation of Clustering Fil	N/A	Ho
Fast Preemptive Task Scheduling Algorithm	N/A	Mar
Implementation of Parallel Algorithms for LL	N/A	Zul
Layered Neural Network Computations	Nonlinearity is an important factor in biologi	Nao
Modified Method for Denoising Color Image	N/A	Mac
NEW ONE	NEW ONE	NEV
Paper1	Paper1_Abs	auff
Paper2		auff
Paper3	Paper3_Abs	
Paper4	Paper4_Abs	auff
Paper5	Paper5_Abs	auff
Parallel Implementation of the Novel Appro	N/A	Jaci
Privacy Preserving of Associative Classifica	N/A	rnsa
Stopping Criterion Selection for Efficient Se	N/A	Cho

We also allow user to upload by xml. They are welcome to upload a well-formatted XML file, we can analyze the xml file and store the papers into our database. This function is temperately unusable case of the failure of some open source project, but we can fixed in later.

## 2) Browse Paper

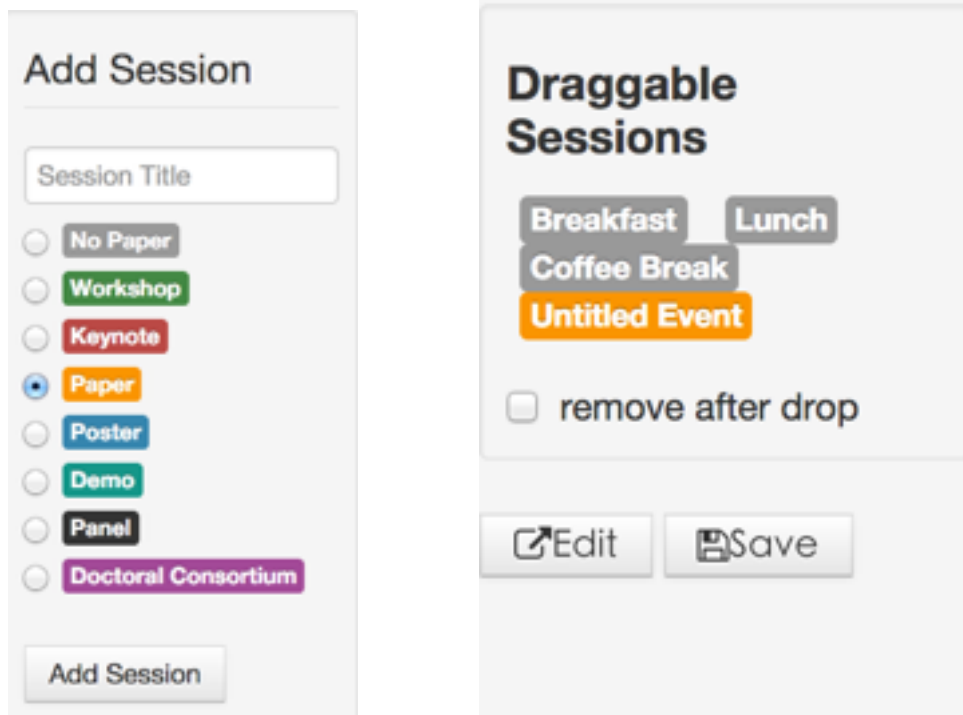
User can definitely browse existing paper, the paper are order alphabetical. Search function is provide in case user want to navigate to a specific paper.

Title	Authors	Content Type	Status	Action
An Approach for Anomaly Intrusion Detection Based on Causal Knowledge-Driven Diagnosis and Direction	Mahmoud Jazzer, Aman Jantan		Scheduled	 
An Approach for Increasing Security to Symmetric Data Encryption	Muhammad Nazul Islam, Monir Hossain Mia, Foizul Islam, M.A. Matin		Scheduled	 
An Optimal Data Center Availability and Investment Trade-Offs	Montri Wiboonrat		Scheduled	 
Design and Implementation of Clustering File Backup Server Using File Fingerprint	Ho Min Jeong, Wan Yeon Lee, Young Woong Ko		Scheduled	 
Stopping Criterion Selection for Efficient Semi-Supervised Time Series Classification	Chotirat Ann Ratanamahatana, Dechawut Wanichsan		Scheduled	 

Search:

### 3. Schedule Module

User are allowed arrange a schedule of every conference, they are encourage to add time span for each session and they can also assign papers into different sessions.



## WS2 (1): Workshop on Dynamic and Adaptive Hypertext: Generic Frameworks, Approaches and Techniques

2009-6-29 10:30:00 to 2009-6-29 11:45:00

Title

WS2 (1): Workshop on Dynamic and Adaptive Hypertext: Generic Frameworks, Approaches an

Location

A

Chair

N/A

### Assign Paper to This Session

Filter

Dynamic and Adaptive Hypertext  
GAL: A Generic Adaptation Language for describing Ac



Filter

Dynamic and Adaptive Hypertext  
A Framework for Content Preparation to Support Open  
GAL: A Generic Adaptation Language for describing Ac  
Towards a Conceptual and Service-Based Adaptation f

Save

Close

## Part IV. Extending Features

### 1. Paper Module

#### 1) Fix Bugs In Delete Function.

The pervious version provide function to allow user add or edit several papers at the same time. Once user click on the '-'(minus) button, the system will directly send an ajax request to delete the paper. However, we need to recognize that user may click the button by accident. So we add a double-check process before deleting or adding anything into our database. In our current version, user need to click on the save button to store his changes. By doing it in this way, it's more secure and more reasonable.

Keywords	Content Type	
	Student Competition	-
	Paper	-
	Student Competition	-
	Student Competition	-
	Workshop Paper	-
	Paper	-
k-means genetic algorithm, rec	Workshop Short Paper	-

		Add Item	Save
Abstract	Authors		
N/A	Jakub Gawryjolek		
In this paper, we develop a simple model to	Munmun De Choudhury,Hari S		
N/A	Romain Vuillemot		
N/A	Michael Yudelson		
In Changing Key I will introduce the dramati	Charles Deemer		

#### 2) Upload Excel File

In the previous version we have already allow user to upload XML files to add papers into reference. However, xml is kind of more professional formate, to general users, they would prefer excel as the input format. So I create a new function to allow user to upload excel files

A	B	C	D	E
Title	Author	Abstract	Keywords	ContentType
Paper1	author1,author2,author3	Paper1_Abs	Paper1_Keyword	Short Paper
Paper2	author1		Paper2_Keyword	
Paper3		Paper3_Abs	Paper3_Keyword	Long Research Paper
Paper4	author4	Paper4_Abs	Paper4_Keyword	WorkShop Paper
Paper5	author7	Paper5_Abs	Paper5_Keyword	



to add papers. As we can see in the following figures. Once user upload a excel file, papers information will automatically store in our database.

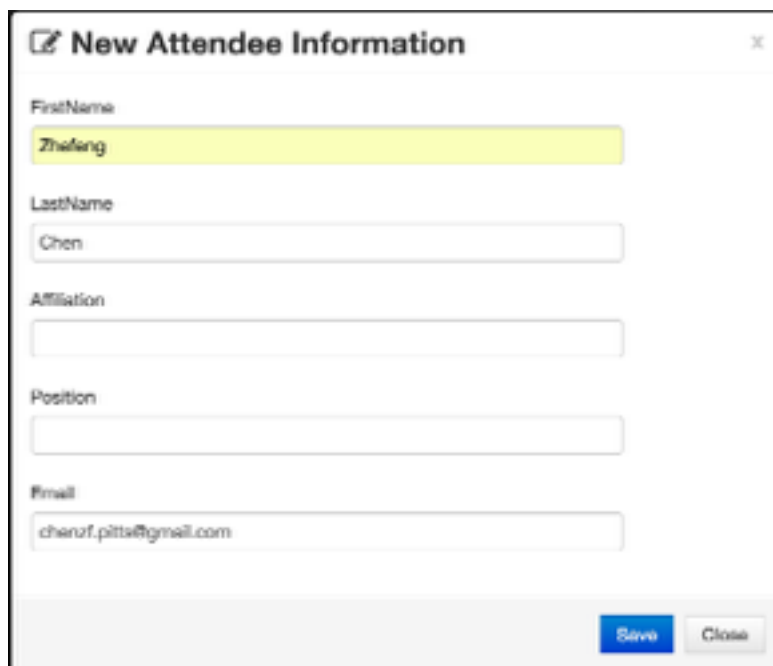
Paper1	author1,author2,author3	Short Paper	Not Scheduled	 
Paper2	author1		Not Scheduled	 
Paper3		Long Research Paper	Not Scheduled	 
Paper4	author4	WorkShop Paper	Not Scheduled	 
Paper5	author7		Not Scheduled	 

## 2. Attender Module

Attender Module is kind of a imitation of paper module, the frontend is quite similar with the paper module, while the underlying backbend is different.

### 1) Add and Edit Attender

We provide 3 different ways for user to add a new attender. The first way is to directly add a new paper manually. FirstName LastName and email are required while the others are optional. We will first check current users if some email address exists in our system. If it exists we will edit the current tuple, otherwise we will add a new tuple into the database.



**New Attendee Information**

FirstName  
Zhefeng

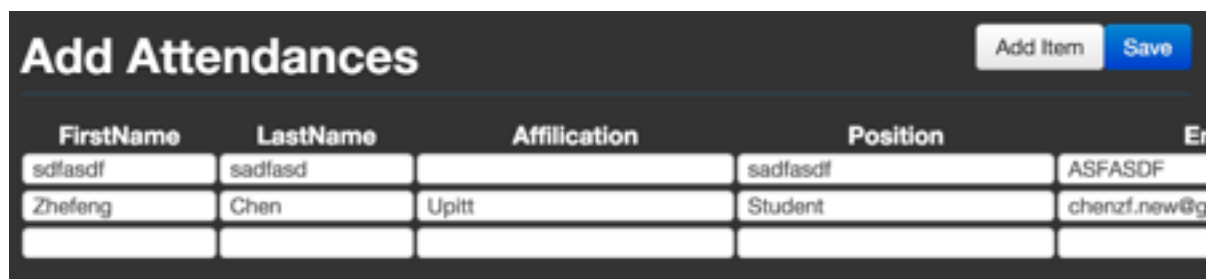
LastName  
Chen

Affiliation

Position

Email  
chenof.pitts@gmail.com

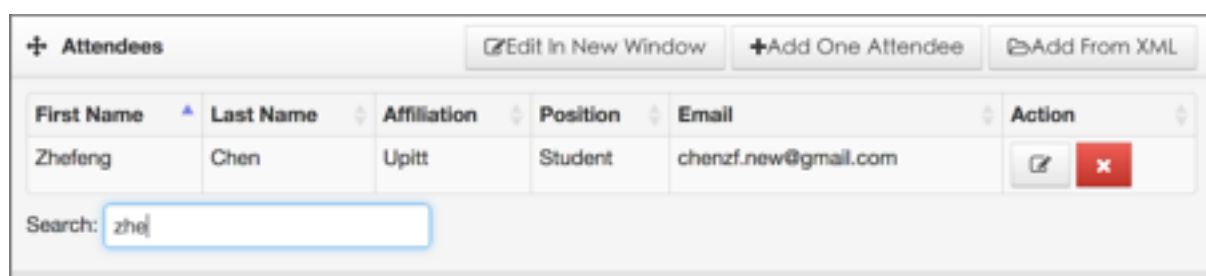
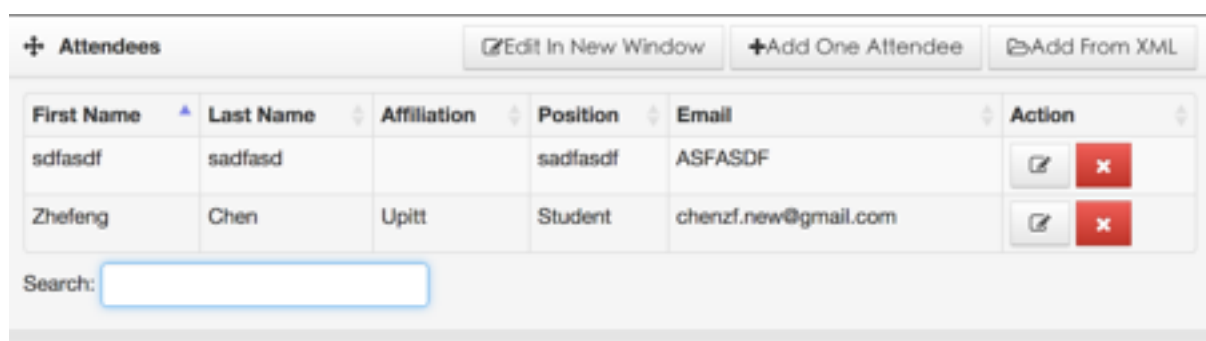
In case user want to add several papers at the same time, we do create a new page for user to add attendees one by one. They can also edit or delete existing paper if they want in this page



We also allow user to upload by xml. They are welcome to upload a well-formatted XML file, we can analyze the xml file and store the attendees into our database. This function is temperately unusable case of the failure of some open source project, but we can fixed in later.

### 2) Browse Attendees

User can definitely browse attendees , the attendees are order alphabetical. Search function is provide in case user want to navigate to a specific attender.



## 3. Author Module

### 1) Browse Authors

Author Module is create to let the organizers have a brief view of the author of any paper. These information can be later used in Conference Navigator’s author module. In order to do the browse function, we need to do some union join among several tables. We also provide search function, allows user to navigate to a target user.

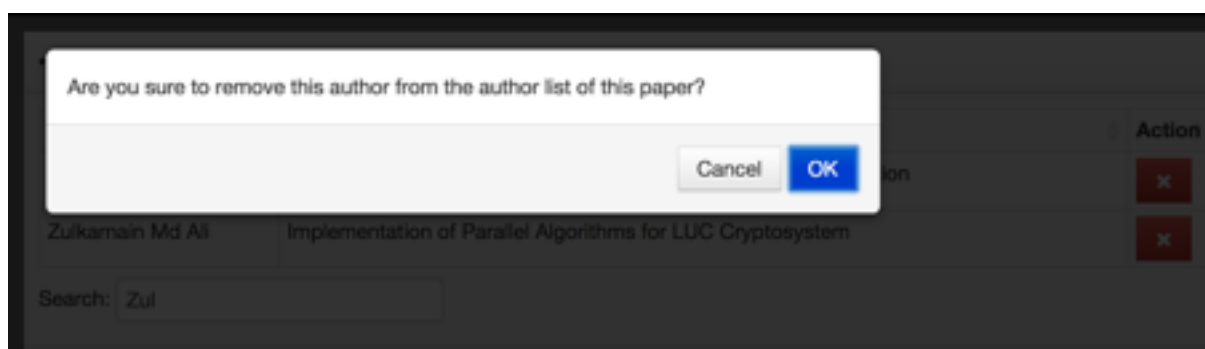
Bowonsak Seisungsittisunti	Privacy Preserving of Associative Classification and Heuristic Approach	
Chotirat Ann Ratanamahatana	Stopping Criterion Selection for Efficient Semi-Supervised Time Series Classification	
Darren Platt	Parallel Implementation of the Novel Approach to Genome Assembly	
Dechawut Wanichsan	Stopping Criterion Selection for Efficient Semi-Supervised Time Series Classification	
Foizul Islam	An Approach for Increasing Security to Symmetric Data Encryption	
Ho Min Jeong	Design and Implementation of Clustering File Backup Server Using File Fingerprint	
Jacek Blazewicz	Parallel Implementation of the Novel Approach to Genome Assembly	
Juggapong Natwichai	Privacy Preserving of Associative Classification and Heuristic Approach	
Lukasz Szajkowsk	Parallel Implementation of the Novel Approach to Genome Assembly	
M. Wilscy	Modified Method for Denoising Color Images using Fuzzy Approach	
M.A. Matin	An Approach for Increasing Security to Symmetric Data Encryption	
Madhu S. Nair	Modified Method for Denoising Color Images using Fuzzy Approach	
Mahmoud Jazzar	An Approach for Anomaly Intrusion Detection Based on Causal Knowledge-Driven Diagnosis and Direction	

Author	Papers	Action
Foizul Islam	An Approach for Increasing Security to Symmetric Data Encryption	
Zulkamain Md Ali	Implementation of Parallel Algorithms for LUC Cryptosystem	

Search:

2) Delete Author

User are allowed to delete author of a paper. Once the #1 author is deleted, the #2 author will be promoted to be the #1 author by our system, so does the #2,#3 and etc. We do ask user to double-check when they trying to delete an author.



## Part IV. Limitation and todos

Although we have modified lots on this system. There is still some limitations we need to focus on for the next stage. I am listing a few limitations and todos for later developer.

### 1) *Clean The Database*

This System is developed by several person at different times and it has several versions. We have many useless tables in the database, we need to clean them up before deployed it online.

In addition, we still need to change some underlying processes, delete all admin\_\*\* tables, and change some query languages. I can take charge of this after this semester.

### 2) *Burg Free*

We have create many new functions in this semester, however, we don't have enough time to do some debug jobs. We may need to do some unit test and add more validations before deployed it online.

### 3) *Make Online Resources Locally*

We have several functions relays on some online resources, we may need to download and store these resources locally since the url address of these resources may change later after our deployment. The xml functions is currently unusable course of this reason.