

# USER MANUAL

## Bats Info

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## **1.0) General information**

General information section explains in general terms of the system and the purpose for which it is intended

### **1.1) System overview**

This system is a requirement of zoology department of University of Colombo faculty of science. In Sri Lanka there are so many researchers who are doing research on flying mammals (mainly bats) and their main problem is they don't have proper place to keep their research information. And also they don't have a proper channel to communicate about those information. Our aim is to develop a platform to those researchers to fulfill their requirements.

### **1.2) Organization of the Manual**

The user's manual consists of four sections: General information, System summary, Getting start and Operating system.

General Information section explains in general terms the system and the purpose for which it is intended.

System summary section provides a general overview of the system.

Getting start section explains how to start using BatsInfo.

Operating system section explains how to get requirements done using BatsInfo and detailed description of functions.

## **2.0) System Summary**

System Summary section provides a general overview of the system. The summary outlines the uses of the system's hardware and software requirements, system's configurations, user access levels and system behavior in case of any contingencies.

### **2.1) System Configurations**

Bats info operates by Zoology department as a separate system. Users need network facilities to access and use this system. The users also need standard peripherals such as keyboard, mouse to work with BatsInfo. And no any further configuration is required after login to the system.

### **2.2) User Access Level**

BatsInfo is a web-based system for those who are doing researches on flying mammals which is handled by authorized researchers those who are registered in the system.

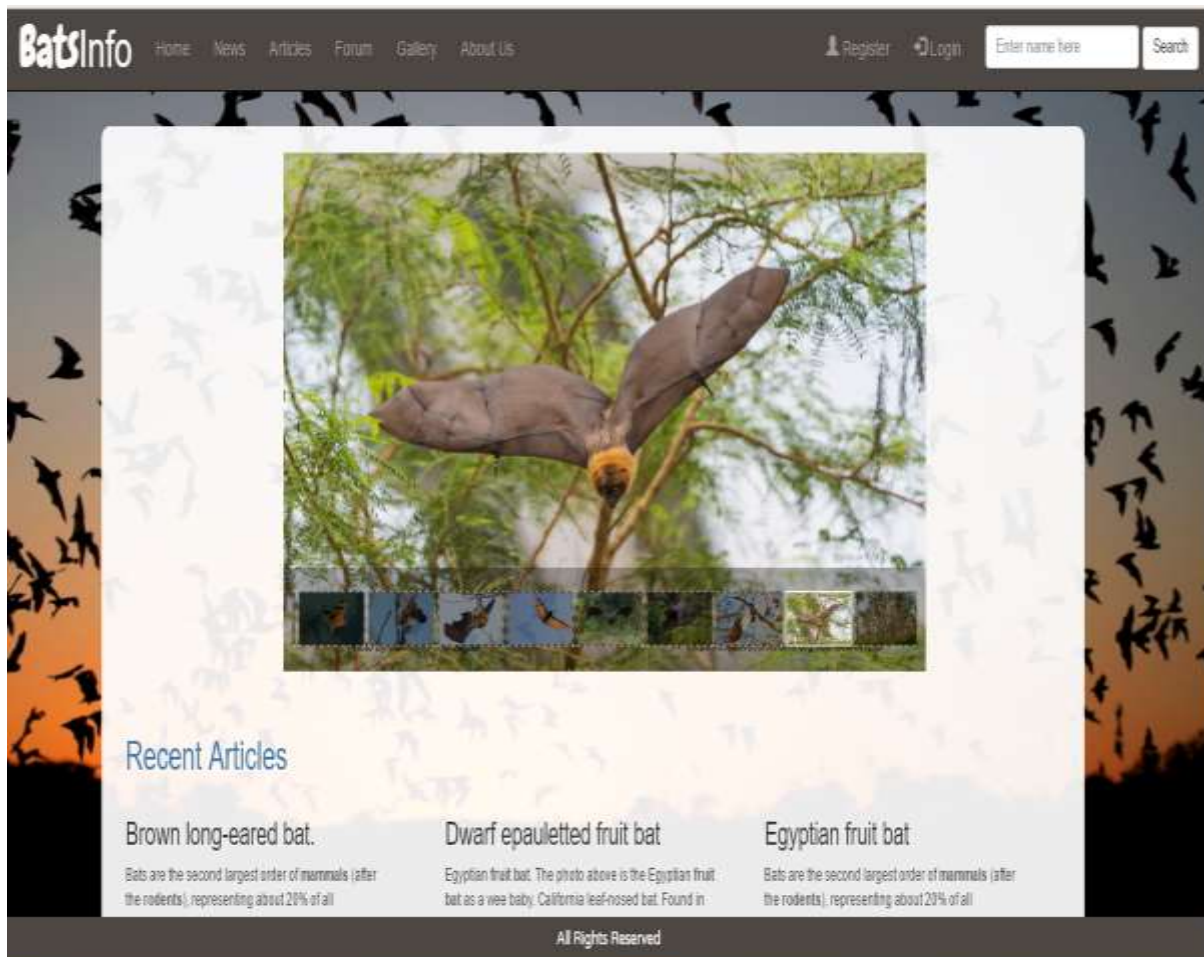
Basically, there are 3 administrators who are assigned by client and they are the persons who add the researchers to the system. The number of administrators might be change according to preference of the client. After adding to the system, researchers can do the main functions of the system.

### **2.3) Contingencies**

If there is no internet connection the data will not be saved in database. To operate the system, Internet connection should be required.

### 3.0)Getting started

This is a system mainly for researchers and also even for other public users. If a user wants to use this system as a researcher he/she has to register as a researcher and it has to be approved by the admin panel. But a public user can directly access to this web system. Public user have more limitations than the researcher. Now let's look at main system menu. The users can find recent articles in the main homepage and also can search more through the tabs provided such as News, Articles, Forum and About us. Users also find register and log in tab in main menu to get registered or to get logged in as a researcher respectively.



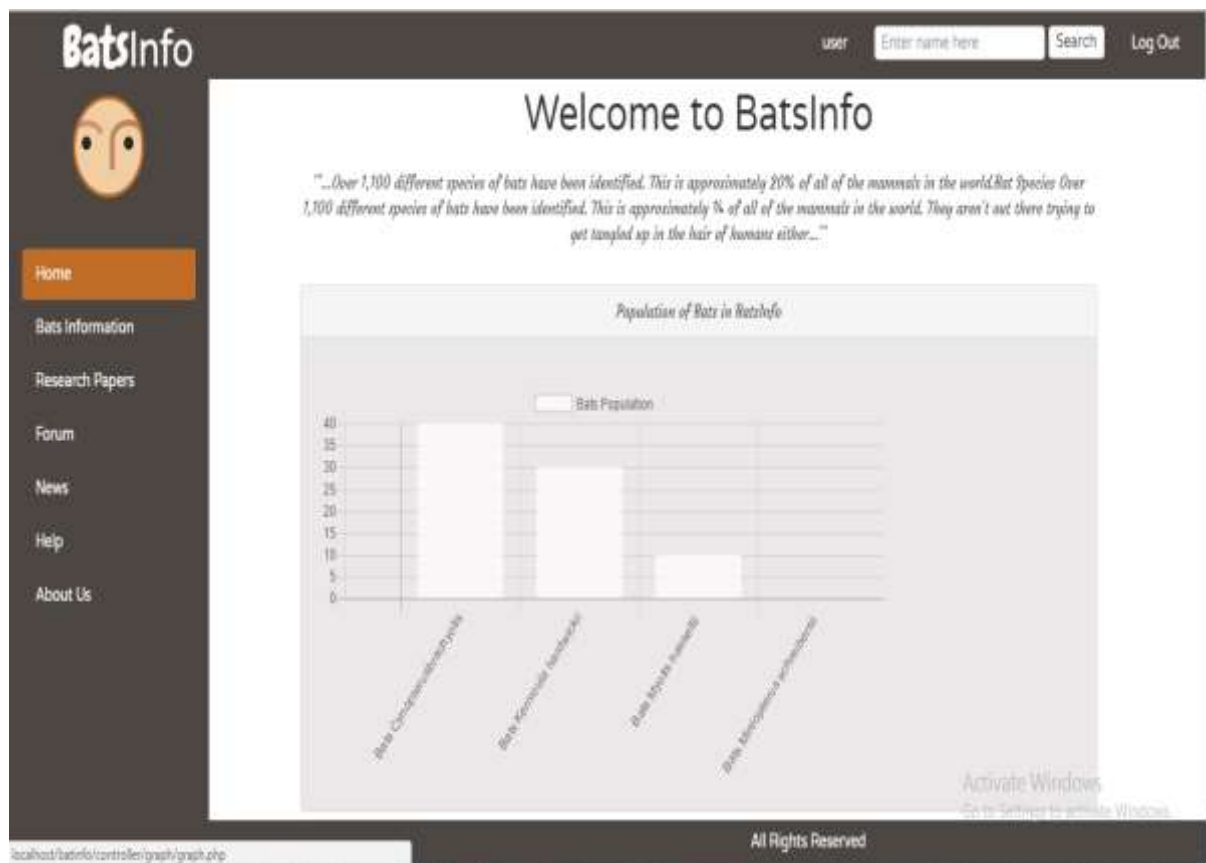
## 4.0) Operating System

This section of the manual explains how the system operates and how a user access this system for their specific purpose

### 4.1) Home Tab

**Public user:** Home tab shows the main starting page of the system when a public user visit, and it shows the recent articles. Public user also can find other tabs such as News, Articles, Forum, About us, Register and Login in this main home page.

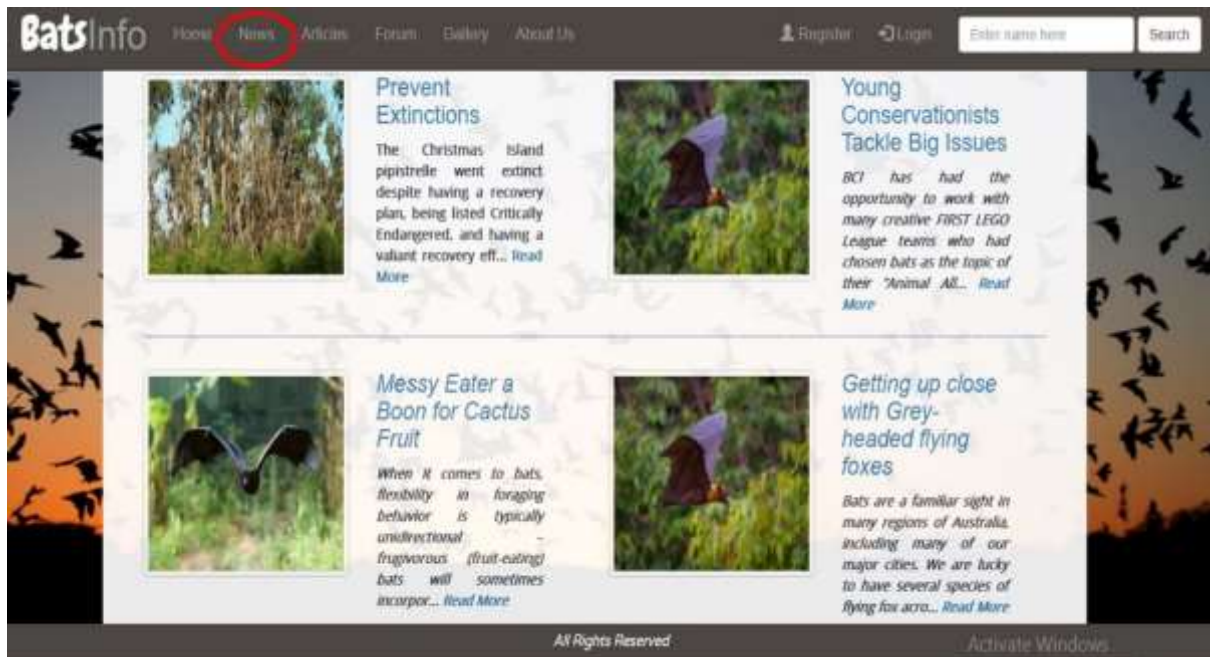
**Researcher:** After logged in, researcher home page will be displayed with graphs and much more detailed tabs.



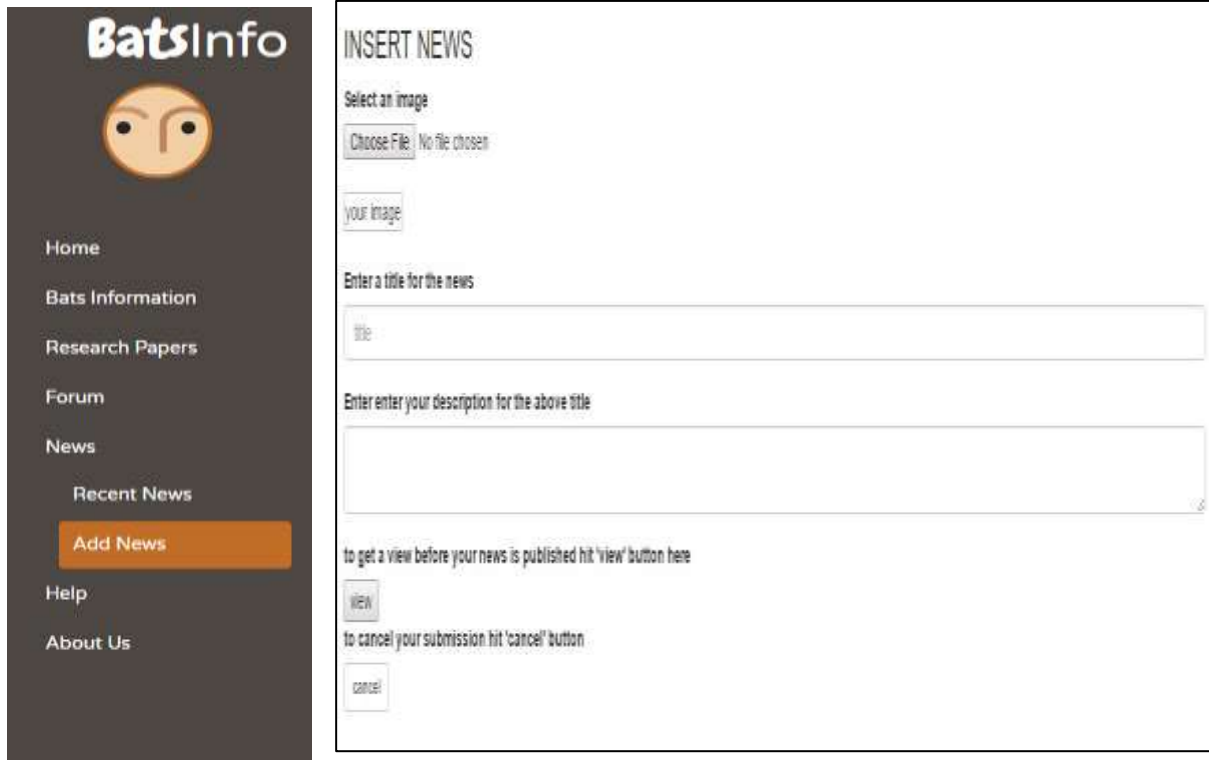
## 4.2) News Tab

**Public User:** Public user can use this News tab to get the relevant and recently found information which makes the users to gain knowledge and get updated. When public user clicking the selected news, the whole information on specific news will be shown to the user. And by clicking the news topic, public user also post their comments under the specific news.

<< public user News tab >>



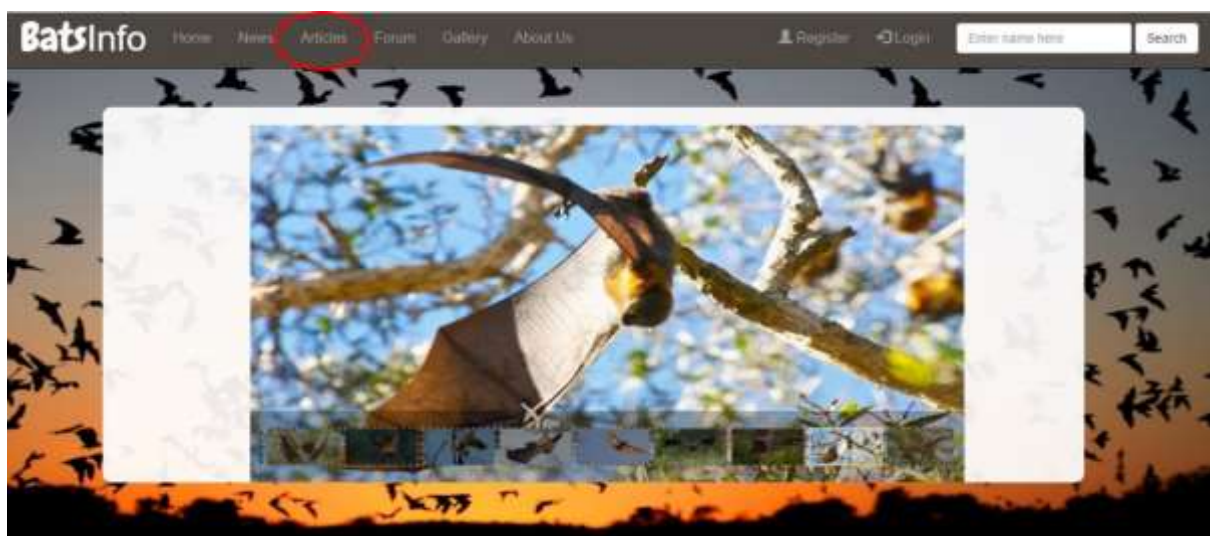
**Researcher:** He/ She initially has to login to the system to get the additional features. After logged in, researcher can go to the News tab and find two sub tabs which are Recent News and Add News. Recent News shows same as above which shown to the public user. By clicking Add News, researcher can add news with the help of the text editor and has to submit.



The screenshot displays the BatsInfo website interface. On the left is a dark sidebar with the BatsInfo logo (a stylized bat face) and a list of navigation links: Home, Bats Information, Research Papers, Forum, News, Recent News, Add News (highlighted in orange), Help, and About Us. The main content area is titled 'INSERT NEWS'. It contains a 'Select an image' section with a 'Choose File' button and a 'No file chosen' status. Below this is a placeholder for 'your image'. The form also includes a text input for 'title', a larger text area for 'description', and a 'view' button. Instructions at the bottom of the form state: 'to get a view before your news is published hit \'view\' button here' and 'to cancel your submission hit \'cancel\' button'.

#### 4.3) Articles Tab

**Public User:** By clicking this tab, public user can view recent articles posted by the other users about the bats and related topics. And also he/she can add new article by clicking “Post your article” with the help of the text editor. And the posted article will be reviewed and added to the system by the admin panel.





## Post your article


Title

### Content

File ▾ Edit ▾ View ▾ Format ▾

↶ ↷ Formats ▾ **B** *I* [List Bulleted] [List Numbered] [List Task] [List Check] [Link] [Unlink]

|



p

Link

### Upload image

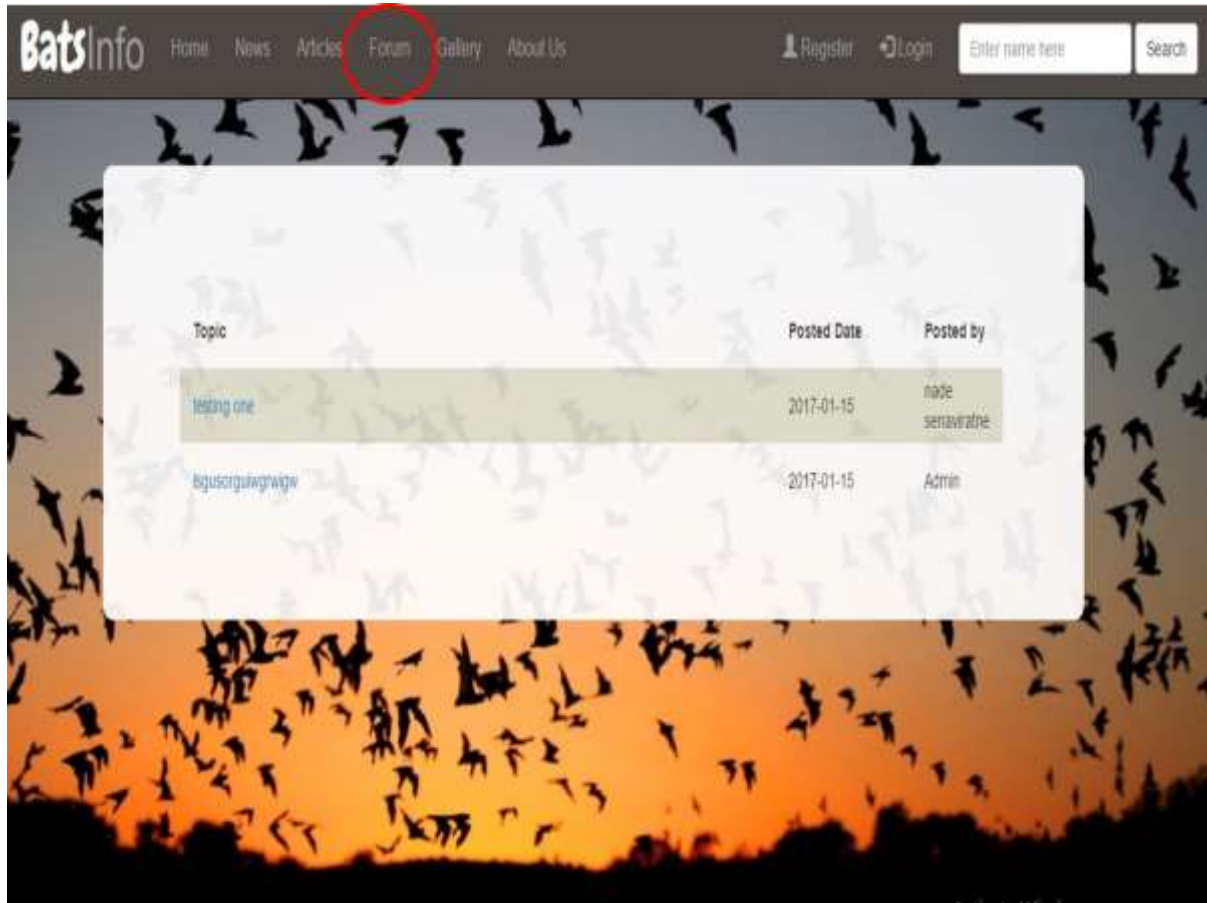
Select Image\*

No file chosen



#### 4.4) Forum Tab

**Public User:** This tab helps the public users to view the discussions on the topics related to the bats and other related areas. Public user can also participate in the discussions which is started by the researcher. If a public user wants to reply for the discussions, he/she has to click the topic which they wish to participate and can do reply by clicking the reply button.



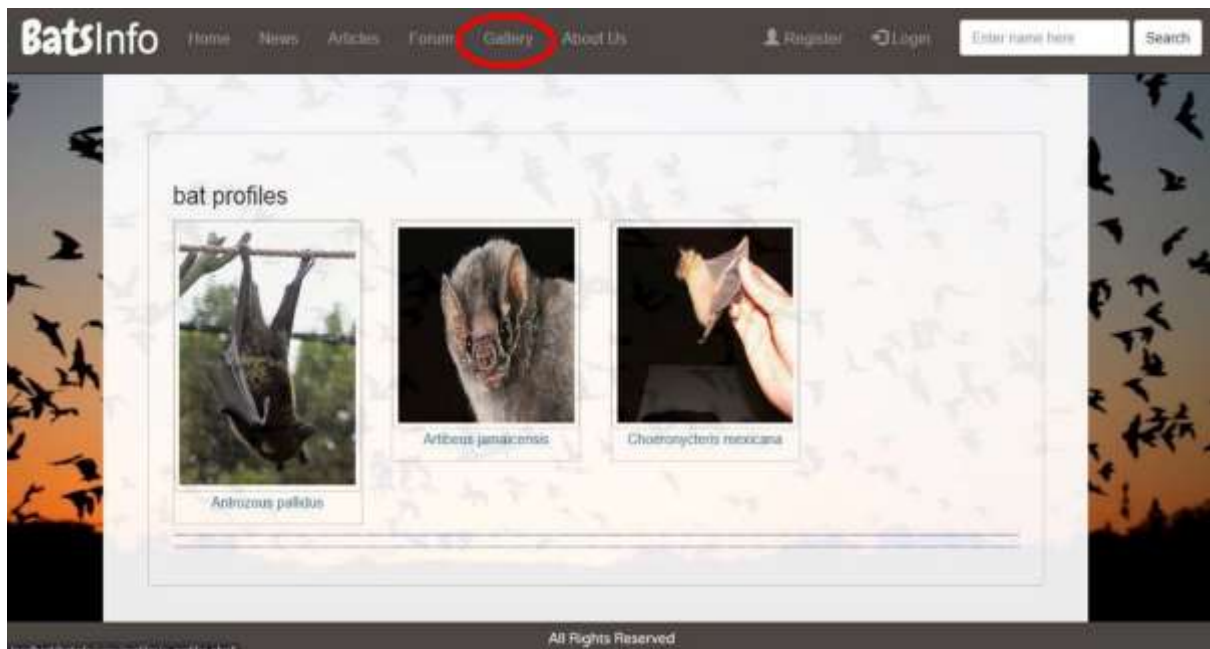
**Researcher:** Also there is an additional features for researcher under the forum tab which is starting discussion topic. Researcher can start a new discussion topic by clicking “Add new discussion topic” and with the help of the text editor. As same as above, other researchers and public users also can participate in the discussion by clicking the reply button.



Add a new discussion topic		
Topic	Posted Date	Posted by
testing one	2017-01-15	nade senaviratne
lsgusorguiwgrwigw	2017-01-15	Admin

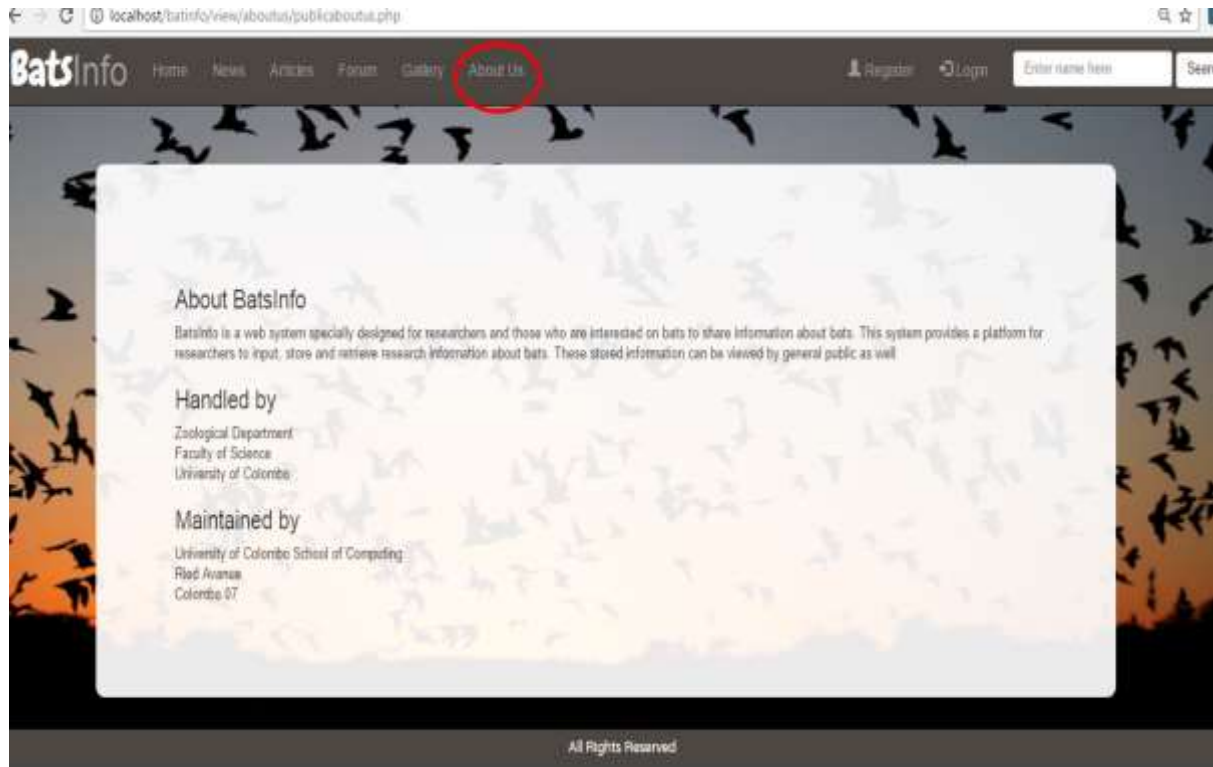
#### 4.5) Gallery Tab

**Public users:** This tab is to make public users to get to know about the specific bat with its whole details and photos. He/she can also select the specific bat by clicking it.



#### 4.6) About us Tab

This tab is for let users know and get short description of this system and also make them know the authorized individual who maintains, handles and holds the responsibility of this system.



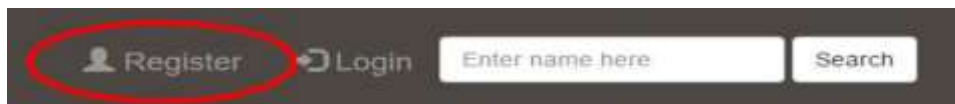
#### 4.7) Register Tab

If a user need to be get registered as a researcher, he/she has to fill a form by clicking this register tab. After registration, application must be approved by admin panel to get access to the researcher homepage.

Researcher should submit following documents if the admin panel requested in case of emergency or further verification.

- Qualification Details
- Related degree completed
- Degree verification documents

After approved by the admin, user will get confirmation and the password to the mail provided.



**Sign Up**

**Title**

**First Name**

**Middle Name**

**Last Name**

**Gender**  
☐ Male  
☐ Female

**NIC**

**Address**  
 Street 1  
 Street 2  
 City

**Country**

**Major In**

**Email**

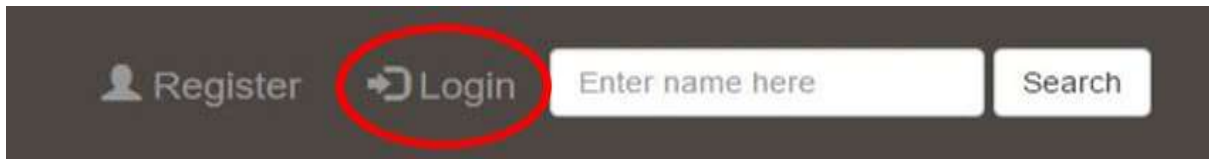
**Qualification 1 :**  
**Qualification Name :**   
**Institution :**   
**Year Obtained :**

**Qualification 2 :**  
**Qualification Name :**   
**Institution :**   
**Year Obtained :**

**Other :**

#### 4.8) Login Tab

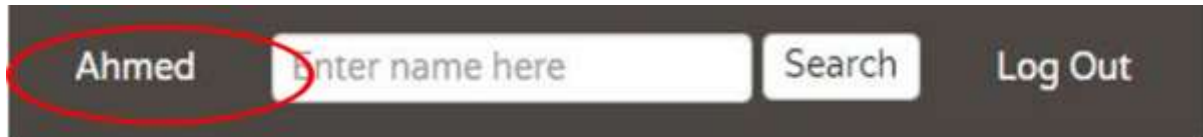
Already registered researcher can login to the researcher homepage by clicking this login button and he/she has to enter their email and password provided to logged in.

A light grey login form. It has a title 'Login' at the top. Below it are two input fields: 'Email' with the placeholder text 'Your Email', and 'Password' with the placeholder text 'Your Password'. A blue 'Login' button is positioned below the password field. At the bottom of the form, there is a link that says 'New User? Sign Up Here'.

After a researcher logged in to the system, he/she can find a new homepage with additional features and function which won't be accessed by the public user. Researcher homepage includes all tabs which shown in main homepage and additionally tabs such as Bats Information, Research Papers, Forum and Help can be found.

#### 4.9) User Name Tab

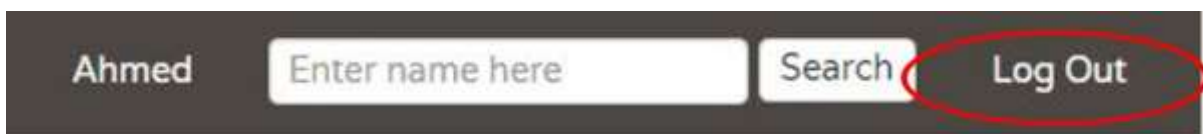
After user logged in, His/her first name will be appeared on the top. By clicking it, user can view his profile details. And also He/she can update those details by editing the fields appeared. After changing any details, it has to be submitted to be updated. And changes in first name which is on the top will be effected after you logged in again.



Your Profile	
First Name	<input type="text" value="Ahmed"/>
Middle Name	<input type="text" value="Al"/>
Last Name	<input type="text" value="Rushan"/>
NIC Number	<input type="text" value="943552428"/>
Country	<input type="text" value="Sri Lanka"/>
Email	<input type="text" value="mhaarush@gmail.com"/>
Password	<input type="text" value="roosh"/>
<input type="button" value="Update Profile"/>	

#### 4.10) Log Out Tab

After user logged in, Log out button will be appeared on the top of the corner. He/she can logged out by clicking the button.



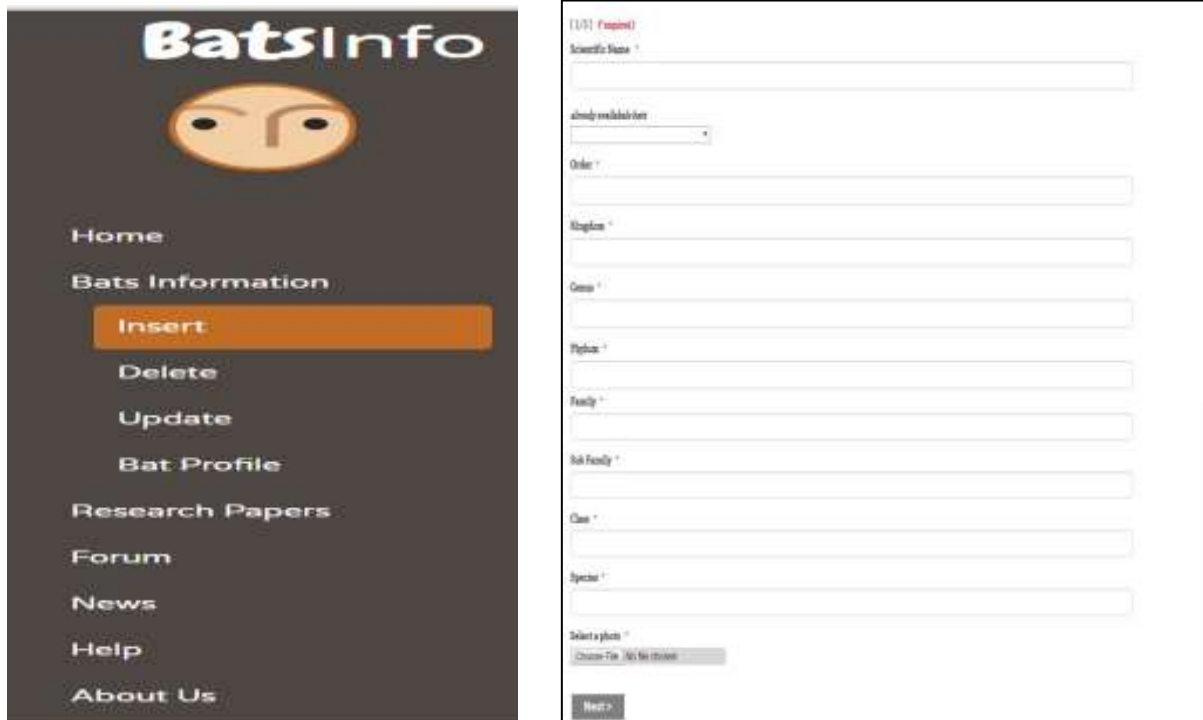


#### 4.11) Bats Information Tab

Researcher studies about bat related topics and find additional details about bats. Here He/she can provide details about bats to the database on which they have researched. Researcher can view the bat details, add new details, update existing details and also delete the details via this tab.

##### Inserting new bat details

When a researcher needs to insert details on new kind of bat, he/she can insert it by clicking Insert New Bat Info tab. Then the researcher can find a form to fill details about the particular bat. The form consists of three pages to be filled. After filling the form, researcher has to submit it by clicking the submit button.



The image shows two side-by-side screenshots from the BatsInfo website. The left screenshot displays the website's navigation menu, which includes links for Home, Bats Information, Insert, Delete, Update, Bat Profile, Research Papers, Forum, News, Help, and About Us. The 'Insert' link is highlighted with an orange background. The right screenshot shows the 'Insert New Bat Info' form, which is a multi-page form with fields for Scientific Name, already published, Order, Kingdom, Genus, Species, Family, Sub Family, Class, and Species. At the bottom of the form, there is a 'Select a photo' section with a 'Choose File' button and a 'No file chosen' message. A 'Next >' button is located at the bottom right of the form.

12/12/2017 (Required)

Common Name(s) \*

Species

Bat Type \*

Character Occurrence \*

Location

Previous

Next >

12/12/2017 (Required)

Bark Feeding \*

Breeding & Habits \*

Major Threat \*

Conservation Action

Population

Measurements \*

Bat Details

Previous

Submit

### Deleting existing bat details

When a researcher clicks the delete details button, the bat details he/she inserted will be shown. Researcher can hide or delete the details by clicking the respective button. Hidden details will be shown and researcher can unhide it again or can be deleted too.



Hide or delete a Bat

	Scientific Name	Action	Action
1	hghg	hide	delete
2	batsConinas	hide	delete

Unide or delete a Bat

	Scientific Name	Action	Action
--	-----------------	--------	--------

Back

### Updating existing bat details

When a researcher needs to update an existing detail on a specific bat, he/she has to select the edit button of particular bat. Then the researcher gets the detailed form of the bat and can edit details where it is necessary after clicking the edit button. After updating details the form has to be submitted by clicking the update button. Details posted by him can be edited.



Scientific Name		Action
1	hghg	<a href="#">edit</a>
2	batsCenimaa	<a href="#">edit</a>

[Back](#)

### Edit Bats Details

batsCenimaa [Edit](#)



## Bat Profile

Here researcher can get details of every bat with every detail in one view. So, he/she can select a specific bat and view the entire information such as location, photos and entire data.



#### 4.12) Research Papers Tab

Researcher do studies about bats and also on related topics. This tab mainly developed for the researching purposes and shows information on research papers and researches.

##### View research papers

When a researcher wants to view research paper details, he/she can view specific paper details here by selecting the view button of the related topic. And also they can view the research paper by clicking the “view the research paper”.



Reasearch Paper Details		
	Title	Action
1	uhii	view
2	uhi	view
3	joj	view
4	test	view
5	dsjskak	view

### Reasearch Paper Details

**Title**

**Author**

**Description**

**Research Area**

**Research Category**

[Click Here to View the Research Paper](#)

#### Upload research paper details

This tab is to add research paper details for the researches by filling the form and also he/she can upload research paper here.





## Upload Research Papers

Select Paper 1.pdf 2MB max

[Choose File](#) | No file chosen

Paper Title \*

Author \*

Description

Research Paper Area \*

Category \* Diet & Feed

[Submit](#)

Activate Windows

### Delete research paper details

This tab is to delete or hide research paper details which is posted by them. Hidden paper details can be unhide again or can be deleted.



Hide or delete research papers			
	Title	Action	Action
1	test	<a href="#">hide</a>	<a href="#">delete</a>
2	research_paper_1	<a href="#">hide</a>	<a href="#">delete</a>
3	research_paper_2	<a href="#">hide</a>	<a href="#">delete</a>

Unhide or delete research papers			
	Title	Action	Action
1	uhii	<a href="#">unhide</a>	<a href="#">delete</a>
2	uhi	<a href="#">unhide</a>	<a href="#">delete</a>
3	joj	<a href="#">unhide</a>	<a href="#">delete</a>
4		<a href="#">unhide</a>	<a href="#">delete</a>

### Update research paper details

This tab is to edit the research paper details which is added by him/her. By selecting the specific research paper details, researcher can edit the existing details.



## Update Research Papers

	Title	Action
1	test	<a href="#">edit</a>
2	research_paper_1	<a href="#">edit</a>
3	research_paper_2	<a href="#">edit</a>

## Edit the Research Paper

[/Edit Fields](#)

[Click Here to View the Research Paper](#)

Select new paper (pdf)

[Choose File](#) No file chosen

Paper Title \*

research\_paper\_2

Author \*

madaf

Description

about flying mammals

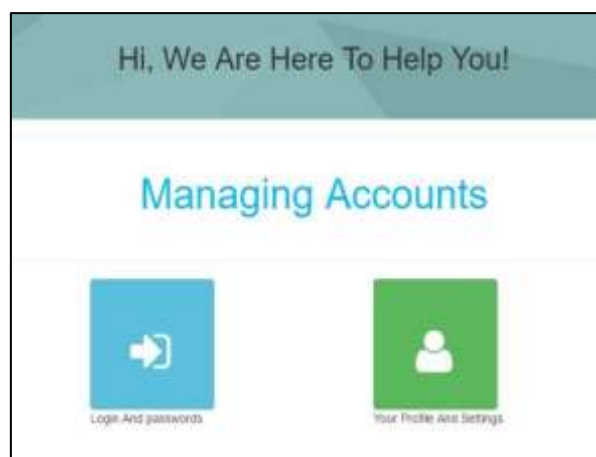
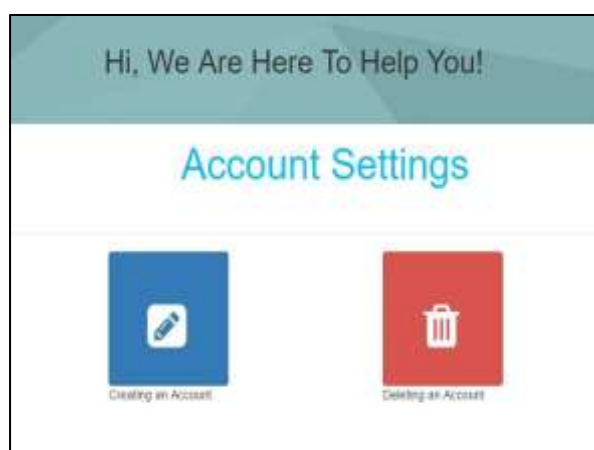
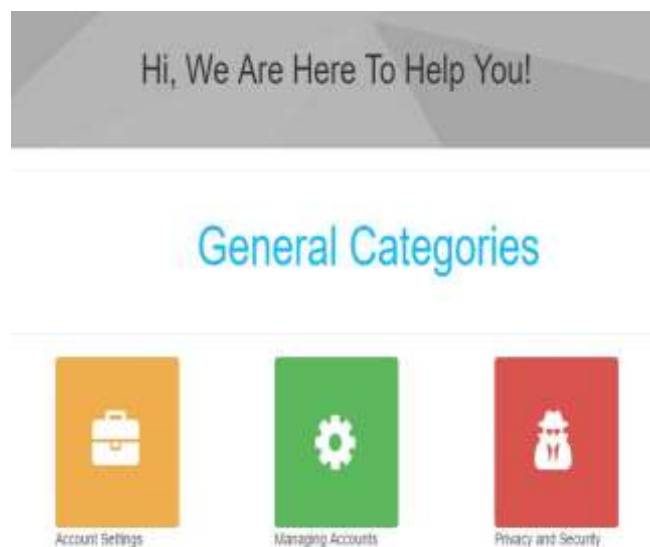
Research Paper Area \*

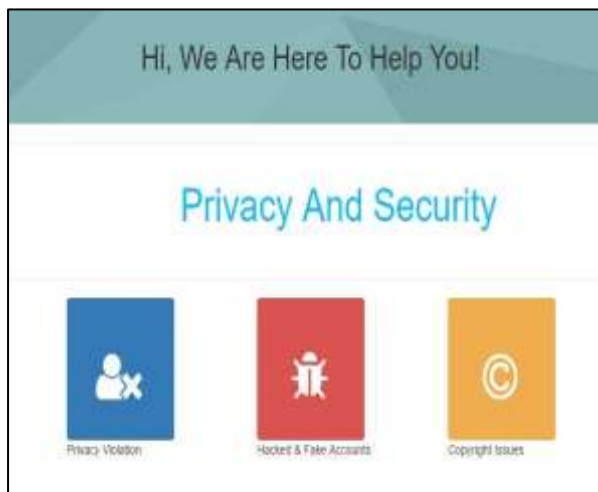
ints

#### 4.13) Help tab

##### FAQs

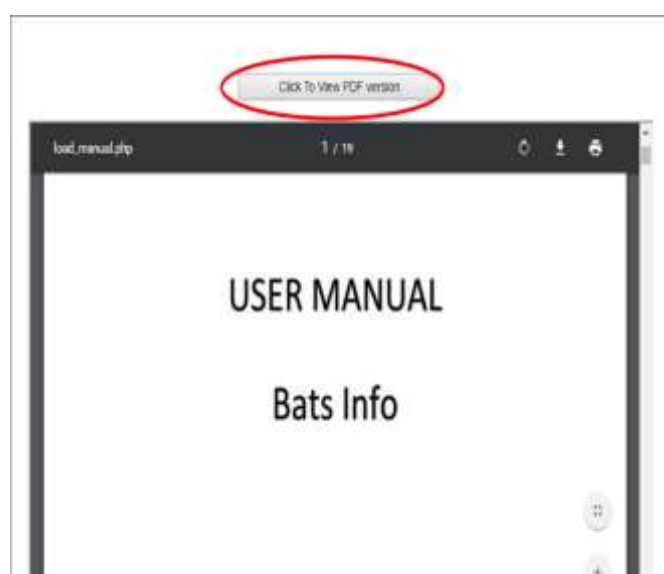
Help tab developed to provide explanation to the most popular questions asked by the users regard to this system and its functions. Those questions are categorized into three general types which are Account settings. Managing accounts and Privacy and Security. Under Account Settings, there are sub types which are creating an account & deleting an account. Under managing accounts, there are sub types which are Login & Passwords, Profile & Settings. And Under Privacy & security, there are sub types which are Privacy Violation, Hacked & Fake accounts and Copyright Issues. Under every sub types, researcher can find related popular questions and explaining solution for those questions.





### User Manual

Researcher also can get the pdf version of the user manual to know how the system is functioned and getting know how to use. Researcher can also download it if needed.



#### 5.0) Maintainability

In order for future functions to be implemented easily to the application, the code have been written in a way that it favors implementation of new functions. Then the system can be easily extended. This maintenance process will be handled by University of Colombo School of Computing.