



**Sri Lanka Institute of Information Technology**

**B.Sc. Honors Degree in Information Technology**  
**Specialized in Software Engineering**

**Final Examination**  
**Year 3, Semester 1 (2021)**

**SE3040 – Application Frameworks**

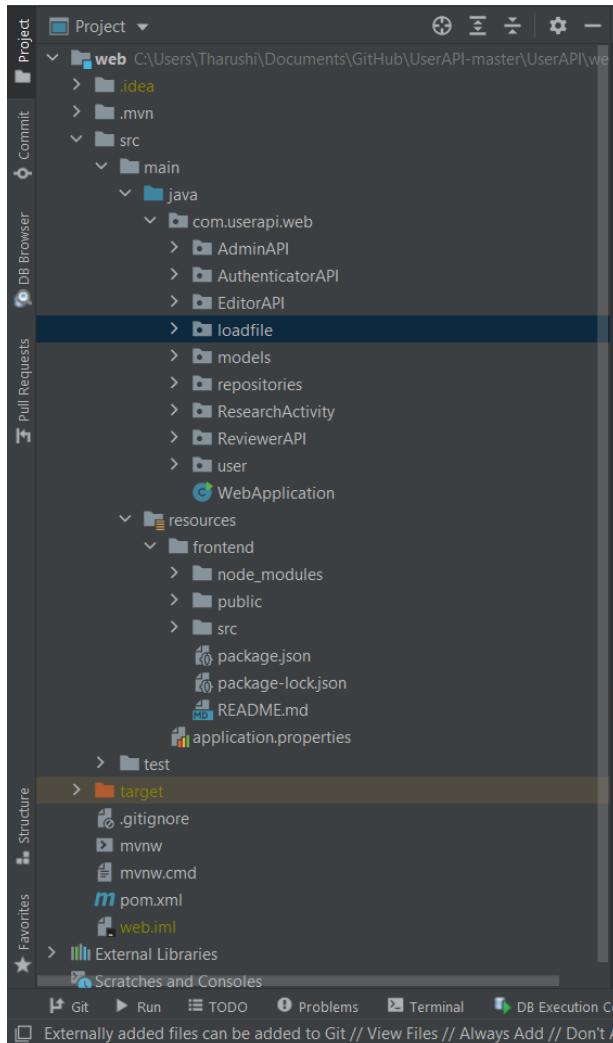
## **Conference Management Tool**

### **USER GUIDE**

**By**

**2021S1\_REG\_WE\_37**

## Project Structure



On the resource directory, starting from frontend folder, which has the frontend of the application, within that folder the Admin, Editor, Reviewer and User frontend was implemented.

Then there is the com.userapi.web folder containing the backend of the application, with;

AdminAPI , AuthenticatorAPI, EditorAPI, loadfiles, models, repositories, ResearchActivity, ReviewerAPI,user – Includes model classes, service classes and the controller classes.

Application.properties – Environment variables such as mongo database name, mongo database connection URL.

Test – JEST test suites

## MongoDB Connection

This is the application.properties files which includes the mongo database connection URL

```
1 spring.data.mongodb.uri=mongodb://localhost:27017/userAPI  
2  
3 spring.servlet.multipart.max-file-size=256MB  
4 spring.servlet.multipart.max-request-size=256MB  
5 spring.servlet.multipart.enabled=true
```

## Administration setup

After running the application, administrator needs to create an account.

1. Go to user home page by clicking on login,



2. Then type in, Email: [123asc@gmail.com](mailto:123asc@gmail.com)

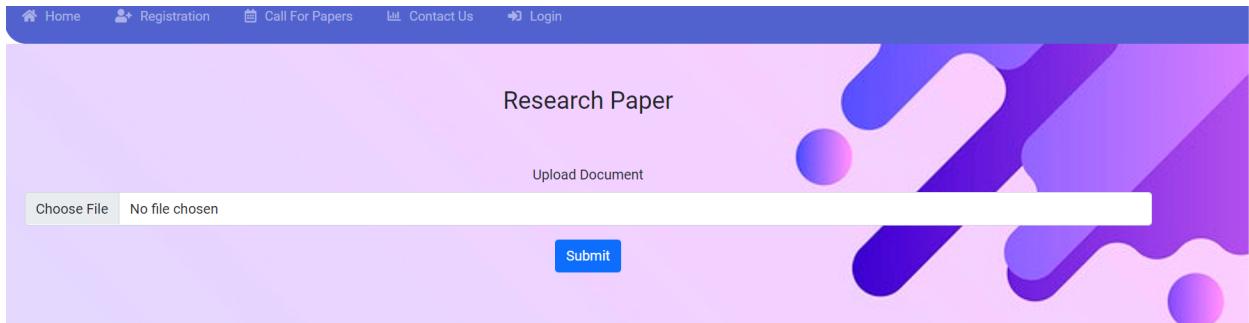
Password: 1234dff\*

And click login.

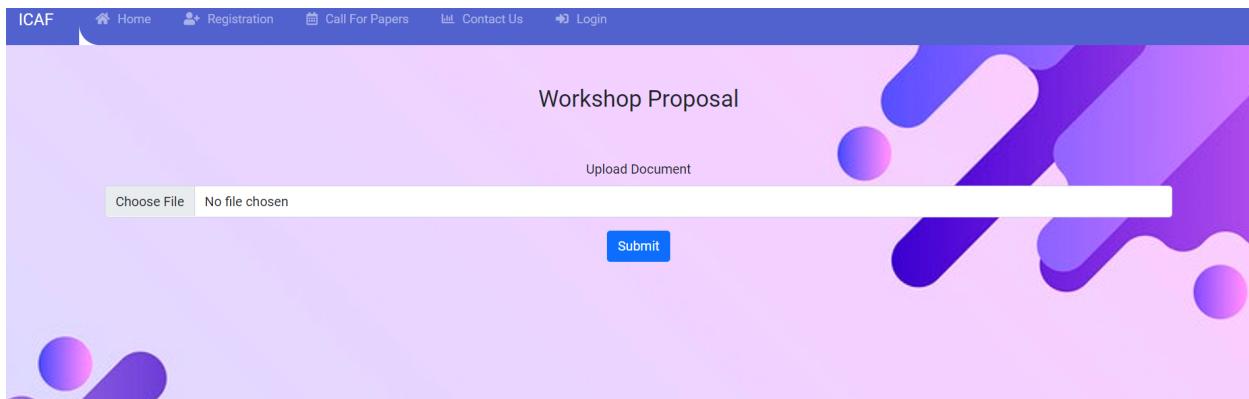
A screenshot of the 'Sign In' page. The top navigation bar is identical to the one on the homepage. Below it, the word 'Sign In' is centered. There are two input fields: 'Email:' containing '123asc@gmail.com' and 'Password' containing '1234dff'. To the right of the password field is a small icon of a person with a magnifying glass over their eye. At the bottom center is a blue 'Login' button.

## User Upload Research Papers and Workshop Proposals

If you are a researcher, you need to upload a research paper first, and wait for approval by the reviewer.

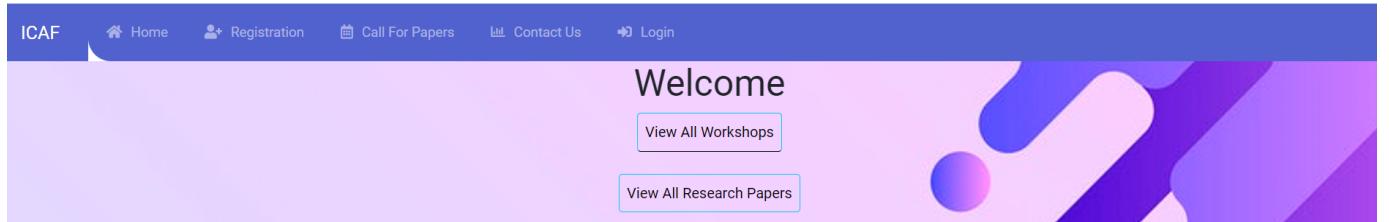


If you are a workshop presenter, you need to upload a workshop proposal first, and wait for approval by the reviewer.



## Reviewer View All Workshops and View All Research Papers

The reviewer can view all the workshop proposals and can view all the research papers that are uploaded by the user.



By clicking on the View All Workshop button the Reviewer can view all the workshop proposals and he can approve or decline the workshop proposal.

A screenshot of the ICAF website showing the "Approve or Decline Workshop Proposals" page. The top navigation bar is identical to the homepage. The main content area has a purple background with abstract shapes. It displays a table with four rows, each representing a workshop proposal. The columns are "Workshop Proposal" (containing the file name), "View" (blue button), "Approve" (blue button), and "Decline" (blue button).

Workshop Proposal	View	Approve	Decline
Communicating Ecosystem Services Using Collaborative Learning and Mental Models.pdf	<button>View</button>	<button>Approve</button>	<button>Decline</button>
Computer Science in space.pdf	<button>View</button>	<button>Approve</button>	<button>Decline</button>
Reseach and Innovations.pdf	<button>View</button>	<button>Approve</button>	<button>Decline</button>
Machine Learning.pdf	<button>View</button>	<button>Approve</button>	<button>Decline</button>

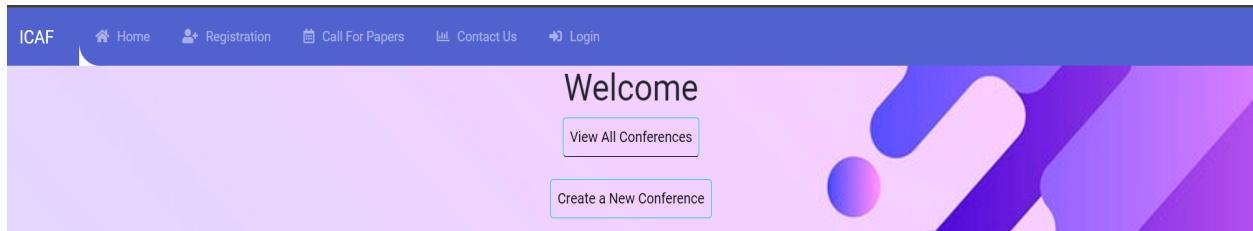
In the Reviewer home page, using the View all Research Papers button the Reviewer can view all the research papers and he can approve or decline the certain research paper.

The screenshot shows the ICAF Reviewer home page. At the top, there is a navigation bar with links for Home, Registration, Call For Papers, Contact Us, and Login. Below the navigation bar, the main content area has a title "Approve or Decline Research papers". A table lists four research papers with columns for "View", "Approve", and "Decline".

Research Paper	View	Approve	Decline
Advantages_of_Internet_of_Things_IoT_and (2).pdf	<a href="#">View</a>	<a href="#">Approve</a>	<a href="#">Decline</a>
Application of Internet of Things and Big Data towards.pdf	<a href="#">View</a>	<a href="#">Approve</a>	<a href="#">Decline</a>
Interoperability for Disaster Relief Operations in.pdf	<a href="#">View</a>	<a href="#">Approve</a>	<a href="#">Decline</a>
IoT Applications in Smart Cities.pdf	<a href="#">View</a>	<a href="#">Approve</a>	<a href="#">Decline</a>

## Editor View All Conferences and Create Conferences

Editor can view all the conferences and create a conference.



By clicking the 'View All Conferences' button, the editor can view all the details of all conferences.

The screenshot shows the ICAF website's 'Conferences' page. The header is identical to the homepage. The main content area displays three conference entries in separate boxes:

- Conference Name :** RNUN  
**Date :** 2021/11/12  
**Venue :** Sliit  
**Start Time :** 8  
**Duration :** 4  
**Number of Attendees :** 91  
**Maximum Number of Attendees :** 100
- Conference Name :** ICAF  
**Date :** 2021/12/03  
**Venue :** Malabe  
**Start Time :** 9  
**Duration :** 2  
**Number of Attendees :** 50  
**Maximum Number of Attendees :** 55
- Conference Name :** RNUN  
**Date :** 2021/12/03  
**Venue :** Ja ela

In the bottom right corner of the page, there is a small 'Touch keyboard' button.

By clicking the 'Create a new Conference' button, the editor will be navigated to a form. He can enter the details of a new conference to the system.

The screenshot shows a web page titled "Create Conference" under the "ICAF" header. The page has a purple background with abstract purple and white wavy shapes on the left and right sides. The form fields are as follows:

- Conference Name: An input field.
- Date: An input field.
- Venue: An input field.
- Start Time: An input field.
- Duration: An input field.
- Number of Attendees: An input field.
- Maximum Number of Attendees: An input field.

A blue "Submit" button is located at the bottom right of the form area.

## User Setup

Here instructions are given, for anyone who wants to register to the system, it could be a workshop presenter, researcher , or a participant for a conference.

- First, you must upload a workshop proposal and wait for approval
- Next, you can register as a workshop presenter from the [following section](#), where it displays whether your proposal is approved or not.
- To register as a Researcher,
  - First, you must upload a research paper and wait for the approval
  - Next, you can register as a researcher from the [following section](#), where it displays whether your research paper is approved or not.

Document uploads by the users

User Options	Material	File Type	
Workshop Presenter	Workshop Proposal	.pdf	<a href="#">Upload</a>
Researcher	Research Paper	.pdf	<a href="#">Upload</a>

### User Registration

Registration Options	Registration fee Local (LKR)	Includes	
Workshop Presenter		Register for approved workshop proposals	<a href="#">Register</a>
Researcher	7,000.00	Register for approved research papers	<a href="#">Register</a>
Attendee	10,000.00	Register for a conference	<a href="#">Register</a>
Other			

You can view the approved or declined research papers from the following, and register as a researcher for a particular paper.

The screenshot shows the ICAF website interface. At the top, there is a navigation bar with links for Home, Registration, Call For Papers, Contact Us, and Login. Below the navigation bar, there is a section titled "Research papers" which lists four research papers with their approved status and "View" and "Register" buttons. The "Register" button for the first paper is highlighted with a blue border. Below this, there is a "Researcher Registration" form with fields for Name, Email, Contact Number, Password, and Payment Method, all of which are currently empty.

Research Paper	Approved Status	View	Register
Advantages_of_Internet_of_Things_IoT_and_(2).pdf	Declined	View	Register
Application of Internet of Things and Big Data towards.pdf	Declined	View	Register
Interoperability for Disaster Relief Operations in.pdf	Declined	View	Register
IoT Applications in Smart Cities.pdf	Declined	View	Register

You can view the approved or declined workshop proposals from the following, and register as a workshop presenter for a particular paper.

The screenshot shows the ICAF website interface. At the top, there is a navigation bar with links for Home, Registration, Call For Papers, Contact Us, and Login. Below the navigation bar, there is a section titled "Workshop Proposals" which lists six workshop proposals with their approved status and "View" and "Register" buttons. The "Register" button for the first proposal is highlighted with a blue border. Below this, there is a "Workshop Presenter Registration" form with fields for Name, Email, Contact Number, and Payment Method, all of which are currently empty.

Workshop Proposal	Approved Status	View	Register
Communicating Ecosystem Services Using Collaborative Learning and Mental Models.pdf	Declined	View	Register
Computer Science in space.pdf	Declined	View	Register
Research and Innovations.pdf	Declined	View	Register
Machine Learning.pdf	Declined	View	Register
Research and Innovations.pdf	Declined	View	Register
Research and Innovations.pdf	Declined	View	Register
Lab 04.pdf	Declined	View	Register

You can view all the conferences from below, and register as a participant for a particular conference.

The screenshot shows a website interface for 'ICAF'. At the top, there is a blue header bar with the 'ICAF' logo and navigation links: Home, Registration, Call For Papers, Contact Us, and Login. Below the header, a table titled 'All conferences' lists three entries:

Conference	Date	Venue	StartTime	Duration	Register
RNUN	2021/11/12	Sliit	8	4	<a href="#">Register</a>
ICAF	2021/12/03	Malabe	9	2	<a href="#">Register</a>
RNUN	2021/12/03	Jaela	4	4	<a href="#">Register</a>

Below the table, a large purple rectangular area contains the heading 'Conference Participant Registration' and four input fields labeled 'Name', 'Email', 'Contact Number', and 'Password'. Each input field has a corresponding placeholder text above it: 'Name', 'Email', 'Contact Number', and 'Password' respectively. The background of this section features abstract purple and white geometric shapes.

## View Activities

Activity Type :

Date : 2021-07-06T09:51:43.54212

Description :

User ID :

Activity Type :

Date : 2021-07-06T09:51:43.5429166

Description :

User ID :

Activity Type :

Date : 2021-07-06T09:51:43.5429166

Description :

User ID :