2021S1_REG_WE_41

ICAF

INTERNATIONAL CONFERENCE ON APPLICATION FRAMEWROKS

USER GUIDE

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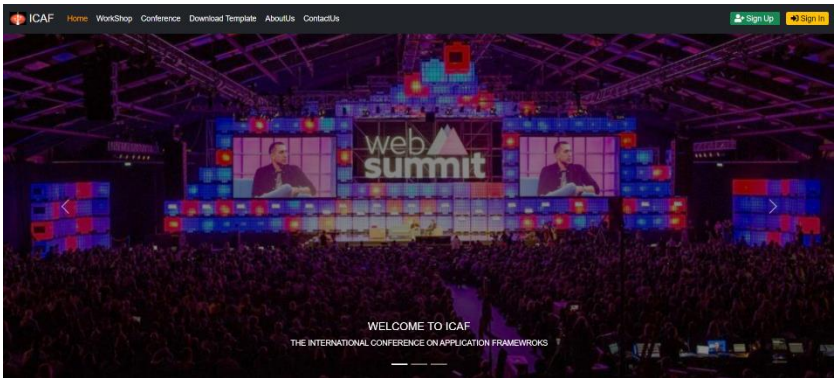
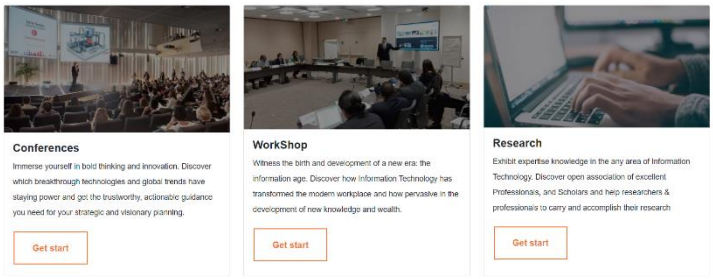
DESCRIPTION

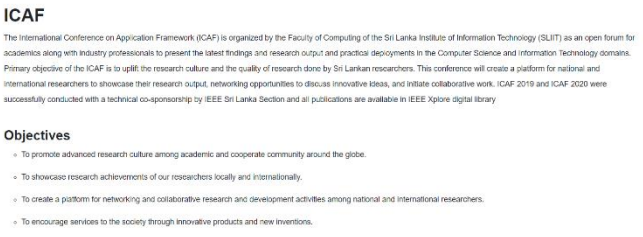
The academic conference held by the Sri Lanka Institute of Information Technology is called the International Conference on Application Frameworks (ICAF). ICAF is developed using MERN stack technology. It contains user friendly features and professional looking user interfaces. Frontend is created using React JS along with bootstrap framework for styling purposes. Backend is developed by Node JS with Express JS while Mongo DB is used for the database. Frontend communicates with backend using REST API running JSON based web services. Researchers get a chance to publish and present their latest findings of programming languages in this web application. Only registered users have the access to this application. When registering, user has to upload all necessary details and contact information. Researchers can submit their research papers, workshop presenter can conduct their workshops, editors can add or update conference details to the system, reviewers can view all uploaded research papers and workshops as well as approving or declining them and admin has the access to monitor all activities. Attendees and researchers have to pay for the conference.

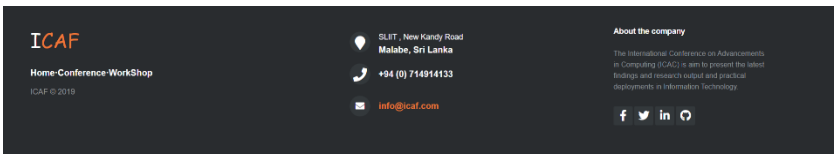
USER INTERFACE GUIDELINE

Home page (IT19408316)



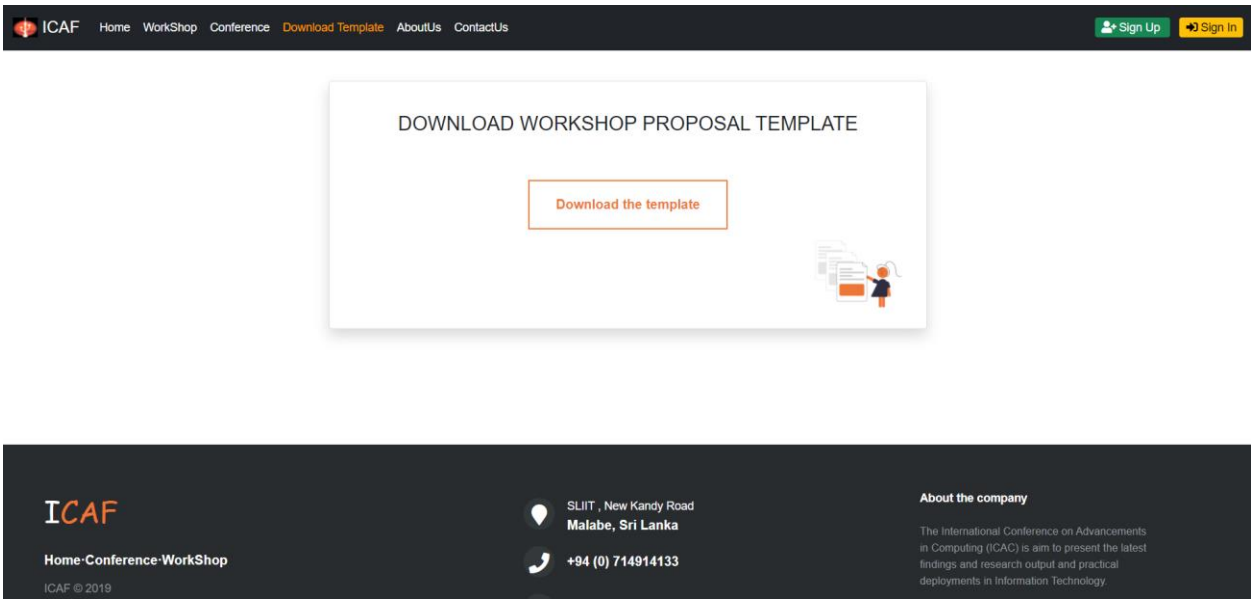






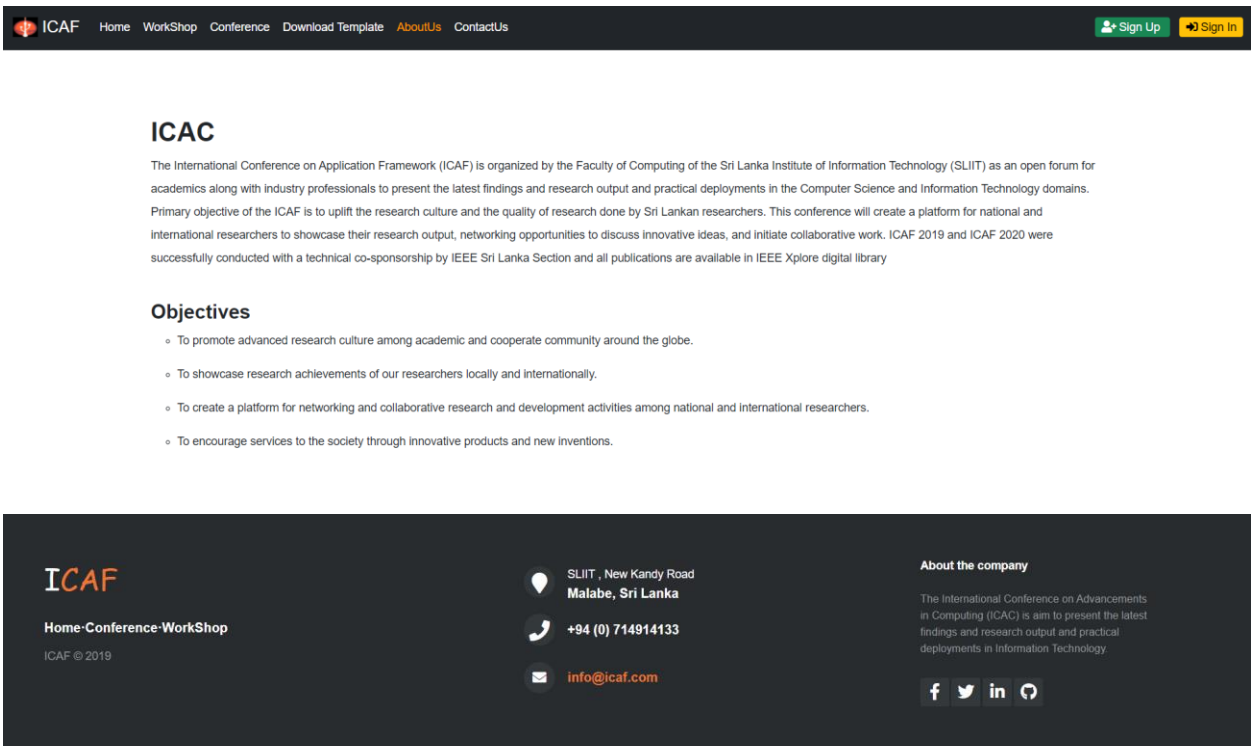
- When user access to the system they will be direct to the home page.

Download page (IT19408316)

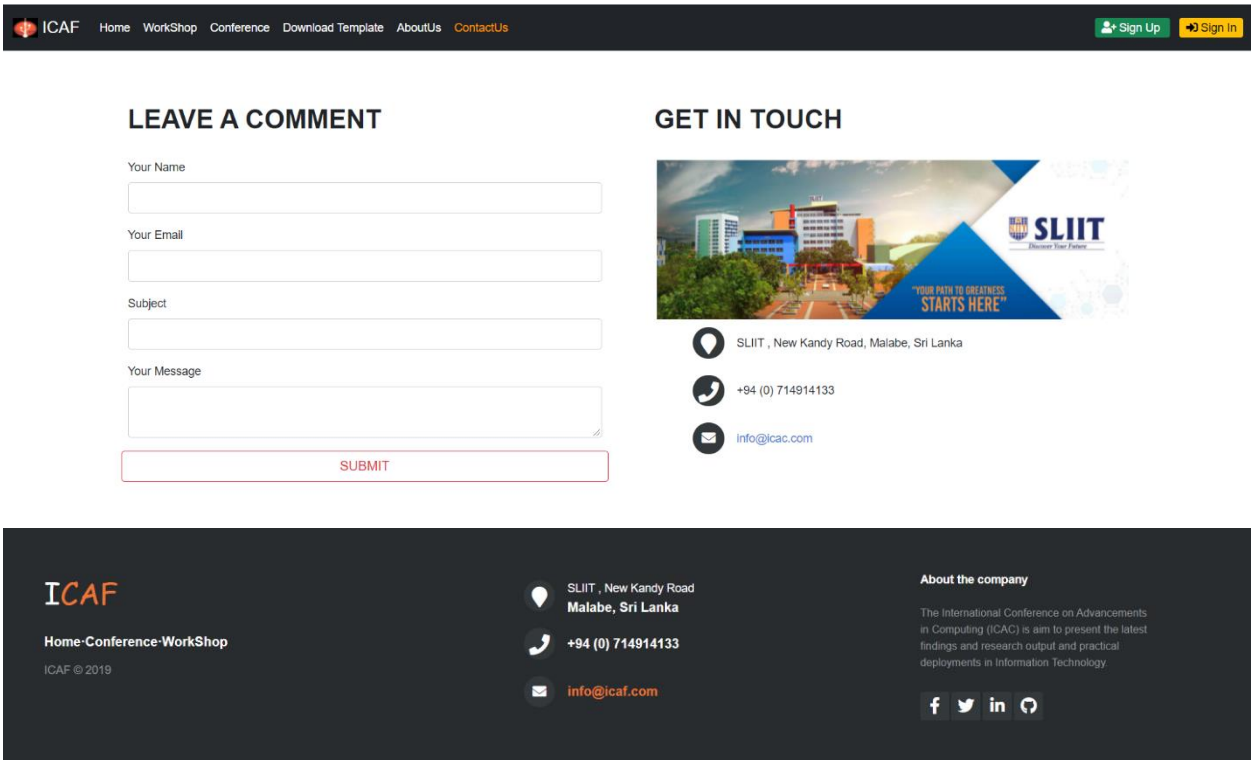


- Any users can download workshop proposal template.

About Us page (IT19408316)

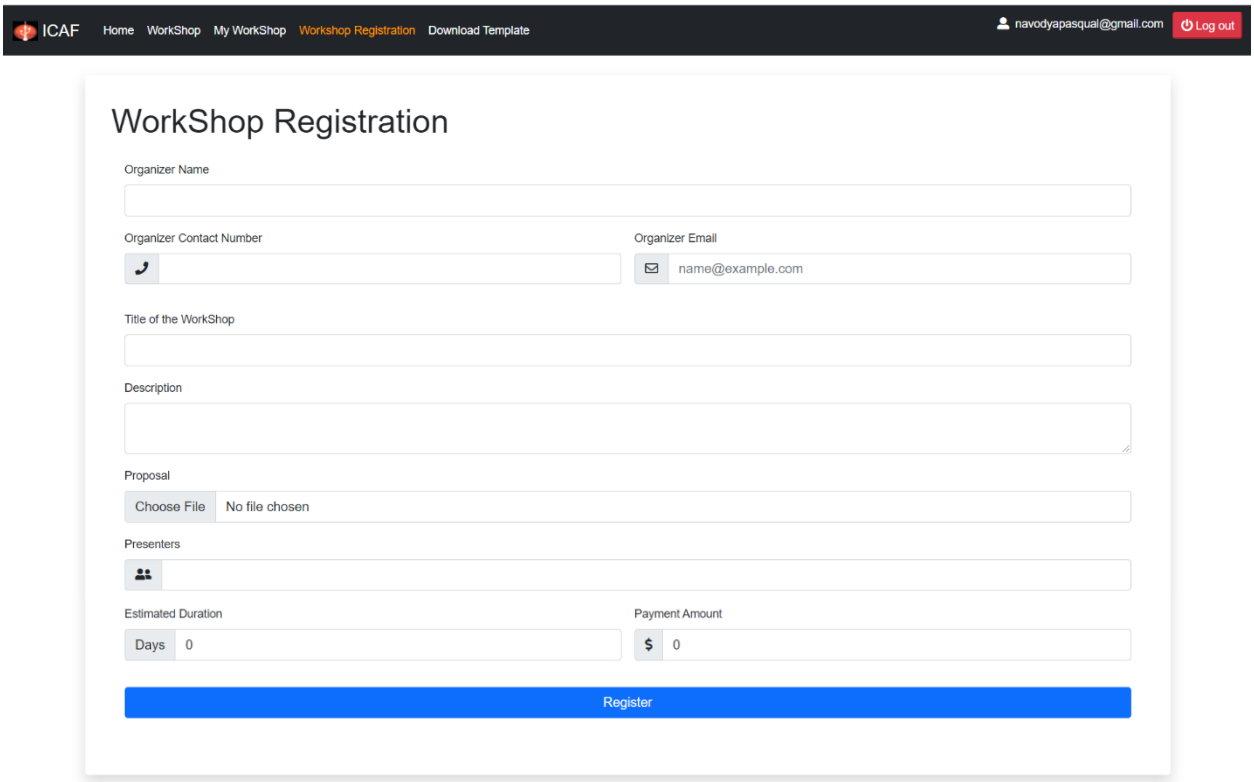


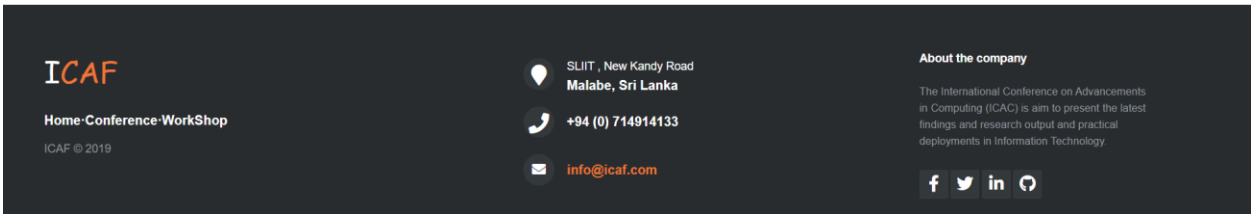
Contact Us page (IT19408316)



- If the user wants to contact the support services of ICAF he can fill the form and submit.

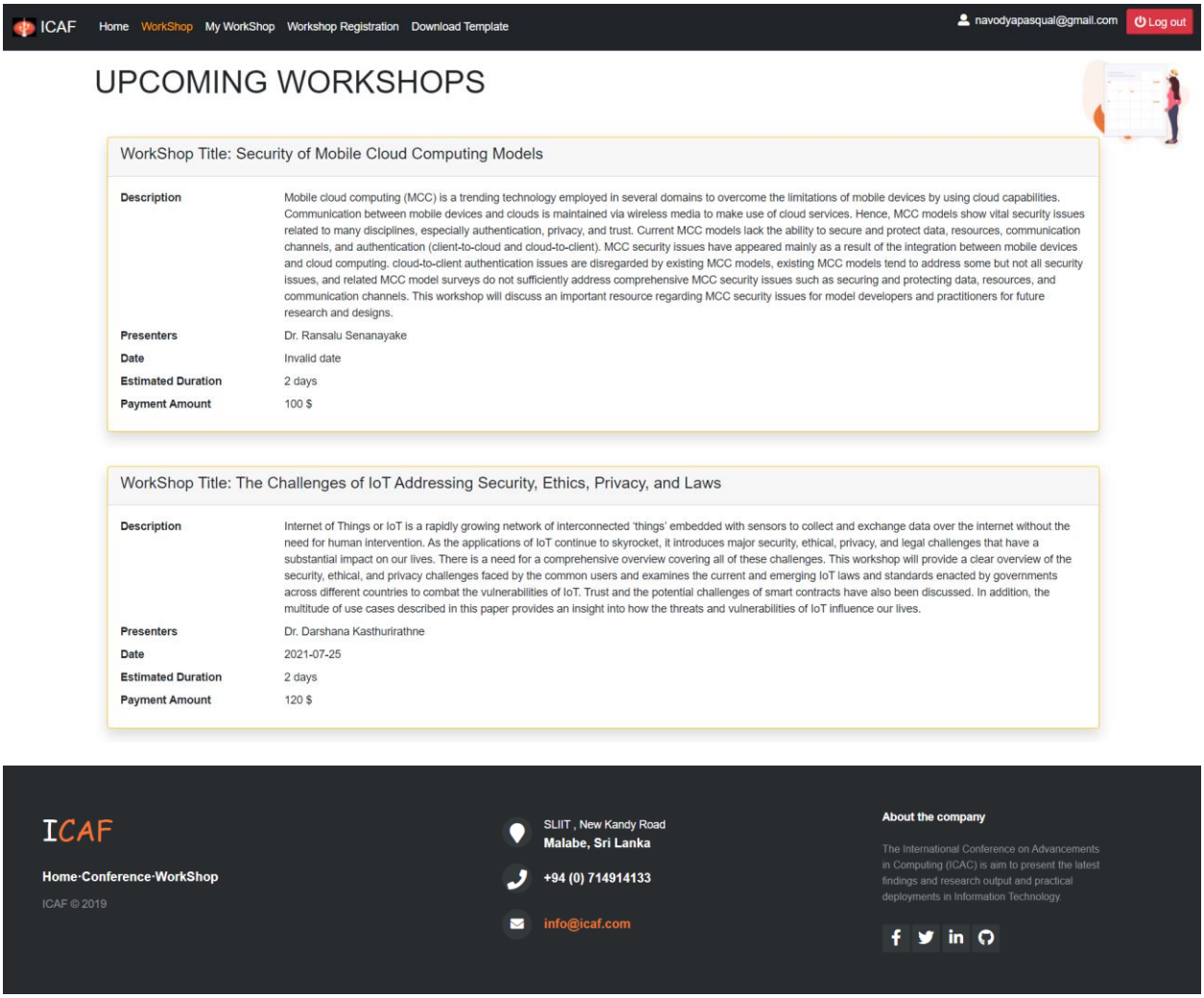
Workshop registration page (IT19408316)





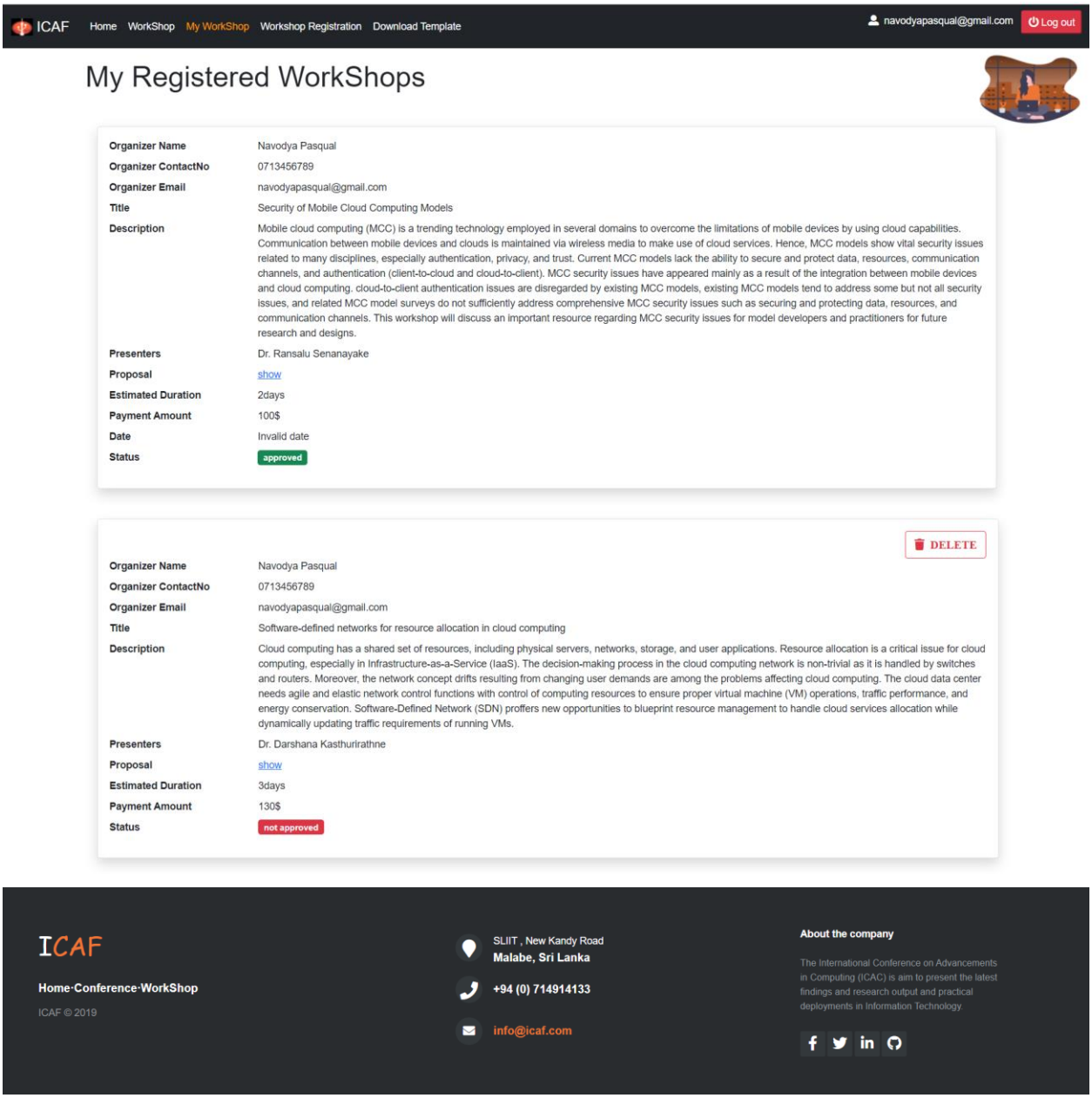
- When user logged in as a workshop presenter, they can register their workshops through this form.

Workshop page (IT19408316)



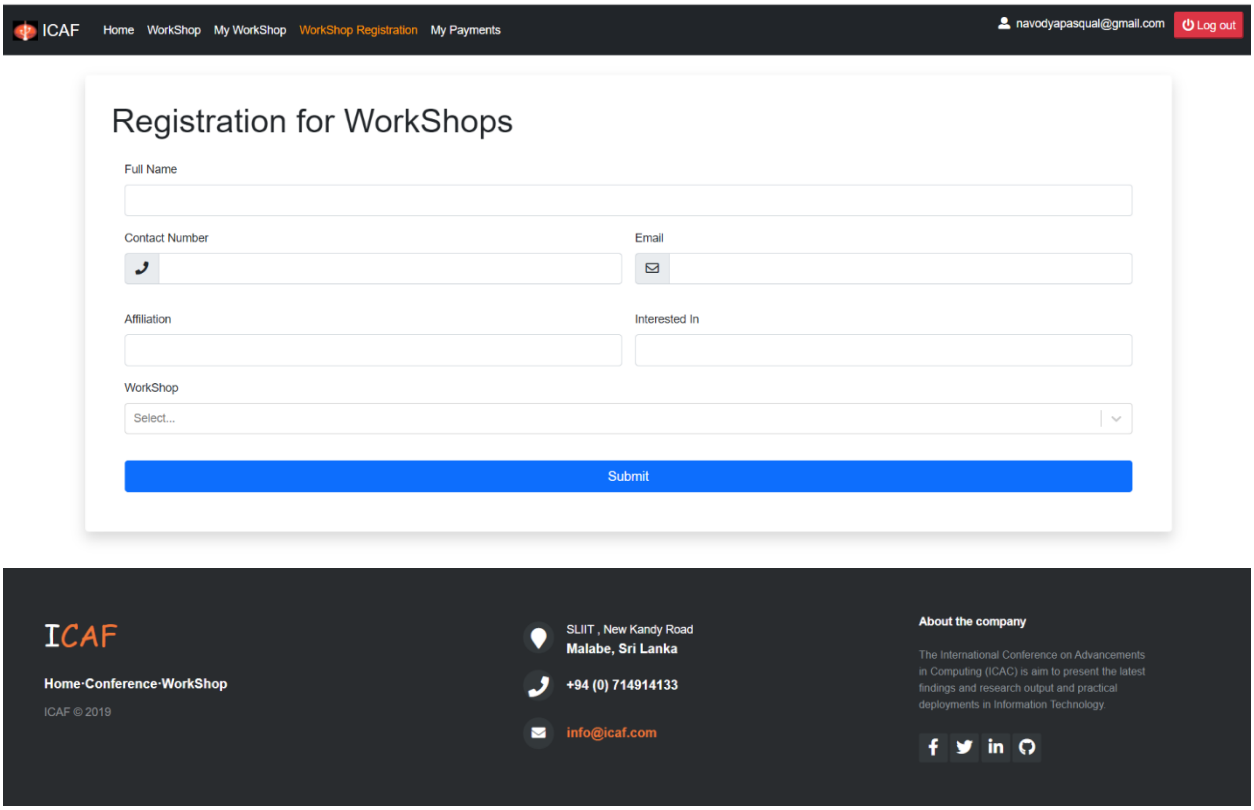
- Any users have access to this.
- Upcoming workshop and details which are approved by the admin will display in this page.

My workshop page (IT19408316)



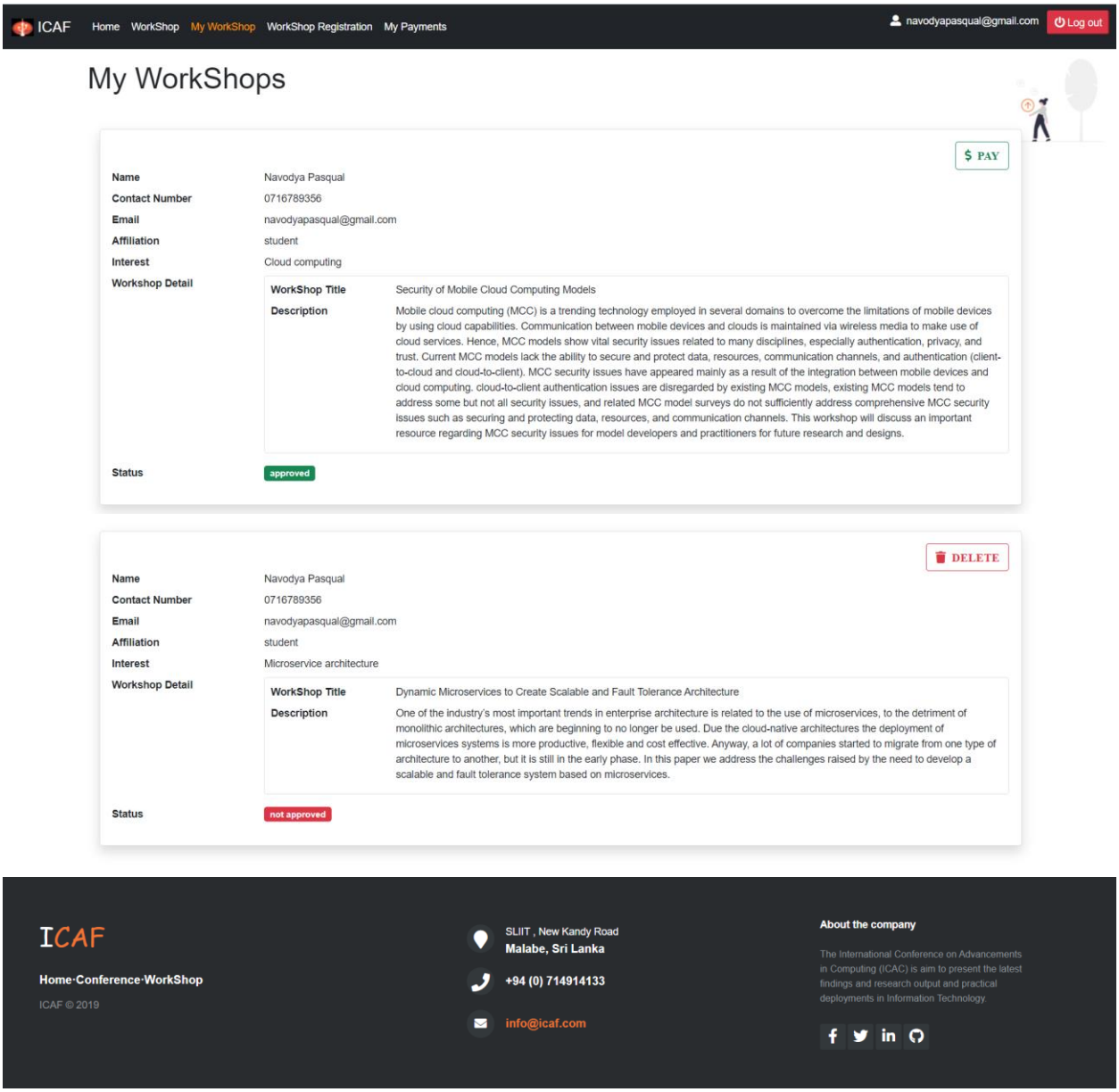
- Only workshop presenters have access to this page.
- If the workshop presenter has one or many workshops registration, he can see those on the page.
- If the workshop is still not approved by admin, then presenter can delete them.
- If the workshop is approved by admin, then these approved workshops cannot be deleted.

Workshop registration for attendee page (IT19408316)



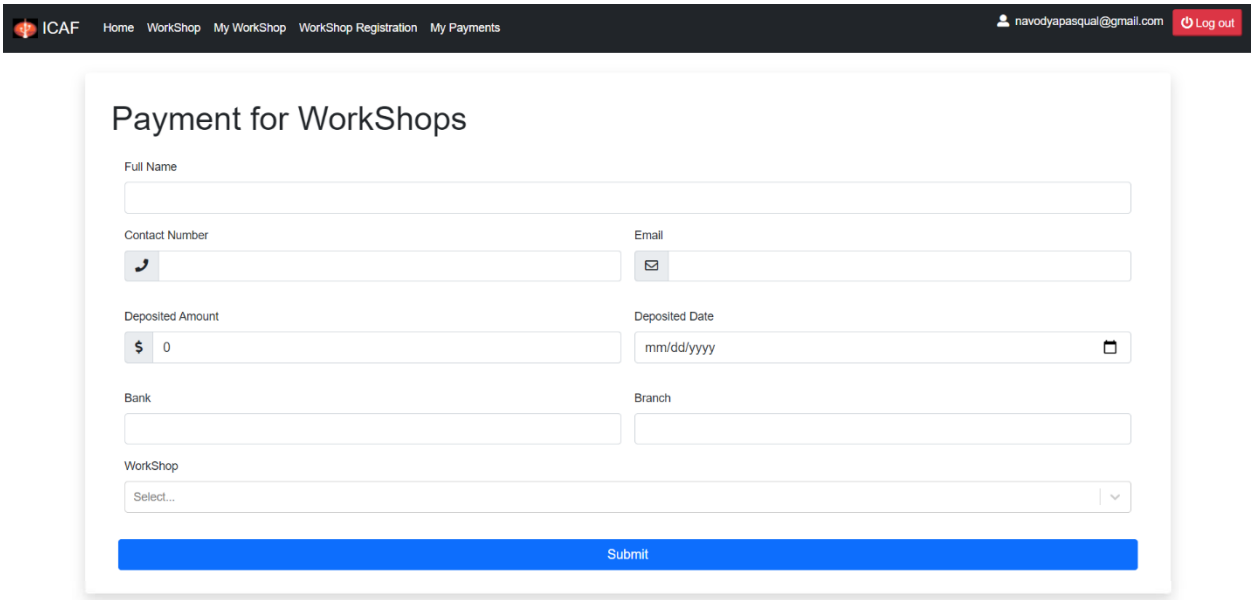
- Only attendees have access to this page.
- Attendee can register to workshop which they are interested in.
- They will have to choose the topic of workshop from the dropdown.

My workshop registration for attendee page (IT19408316)



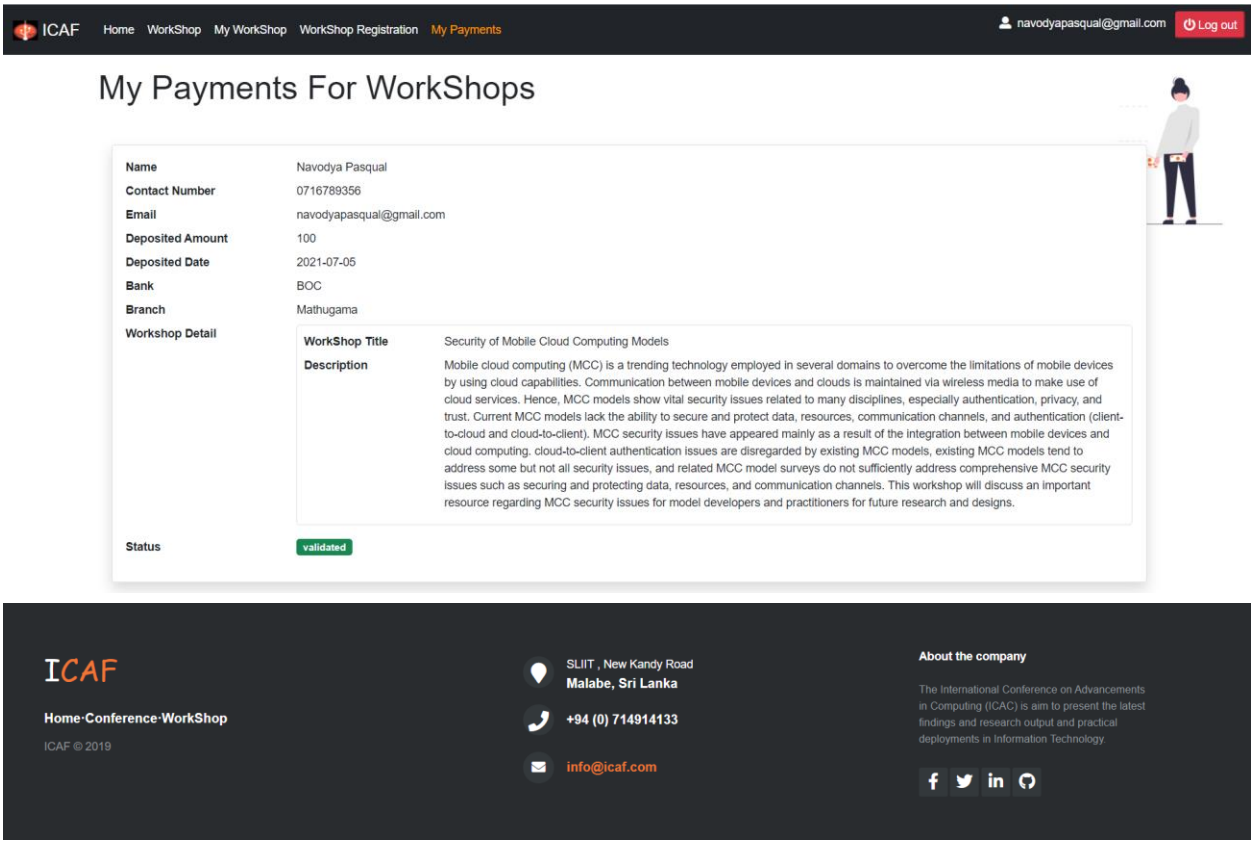
- Only attendees have access to this page.
- If the attendee has one or many workshops registration, he can see those on the page.
- If the registration is still not approved by admin, then attendee can delete them.
- If the registration is approved by admin, then under respective registration, payment button will display and it will navigate to payment submission for workshop page and further, approved registrations cannot be deleted.

Payment submission for workshop page (IT19408316)



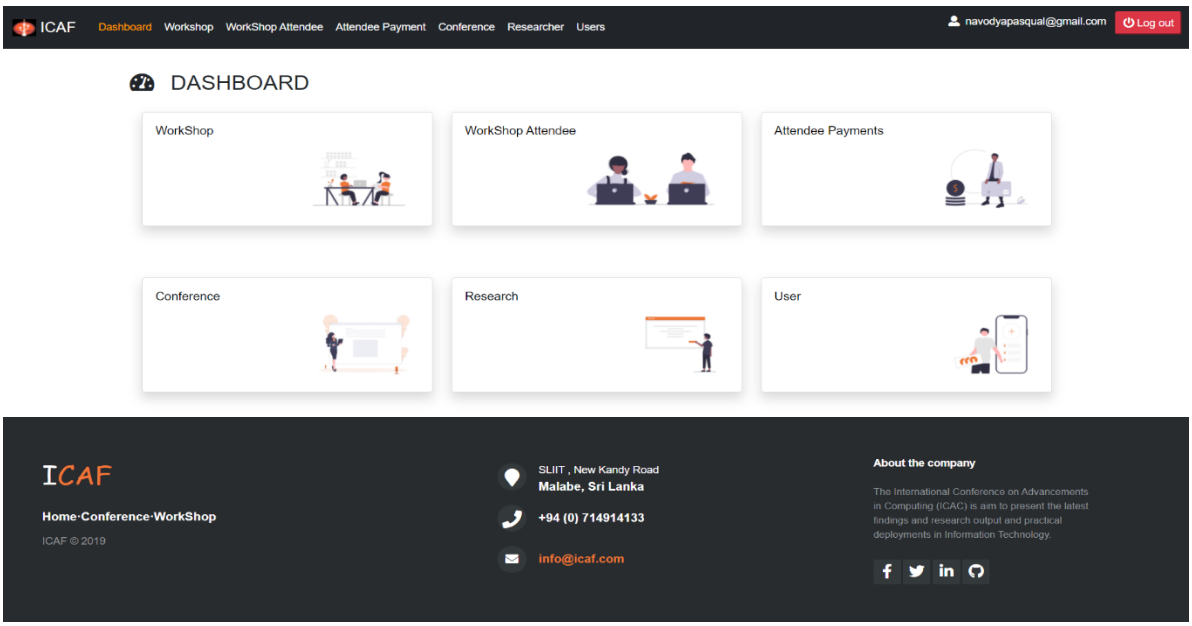
- Only attendees who have get approved for workshop registration have access to this page.
- After submission page will navigate to my payment submission page.

My payment submission for workshop page (IT19408316)



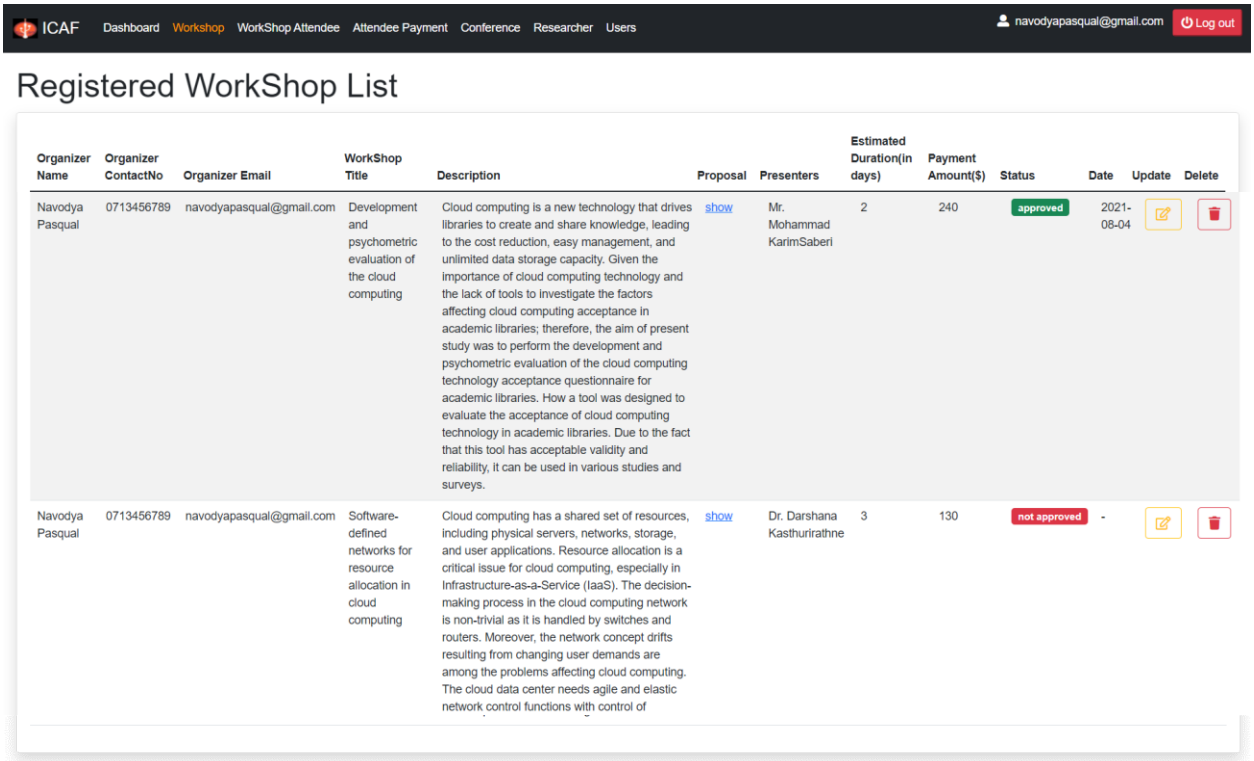
- Only attendees have access to this page.
- If the payment is still not validated by admin, then attendee can delete them.

Admin homepage (IT19408316)



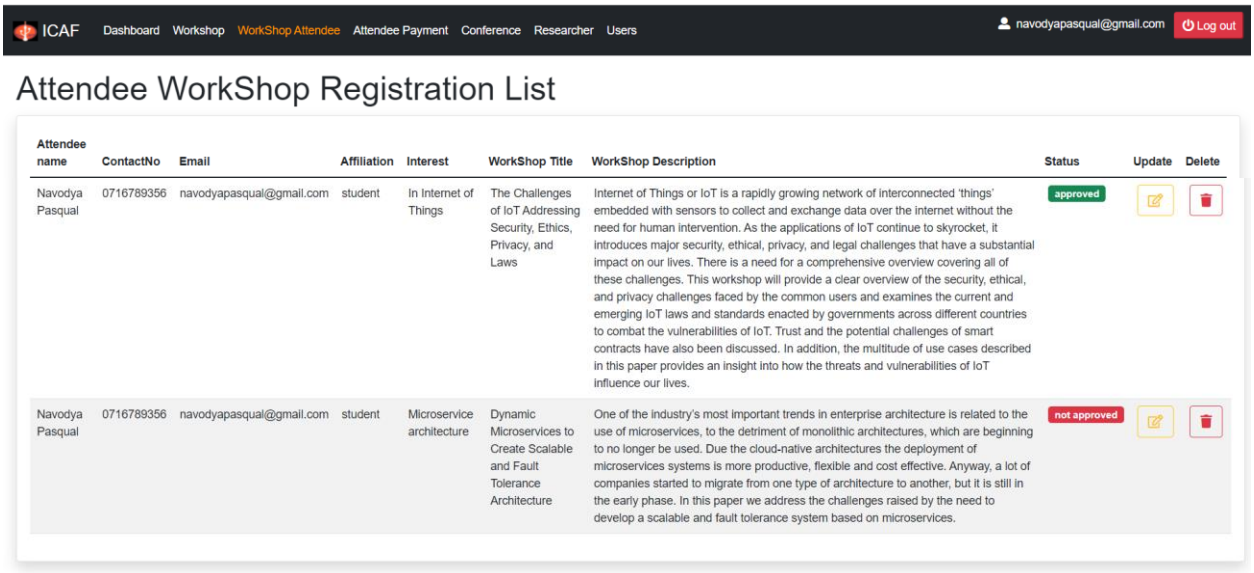
- This is admin dashboard
- These 6 cards inside page will navigate to respective pages.

Admin workshop page (IT19408316)



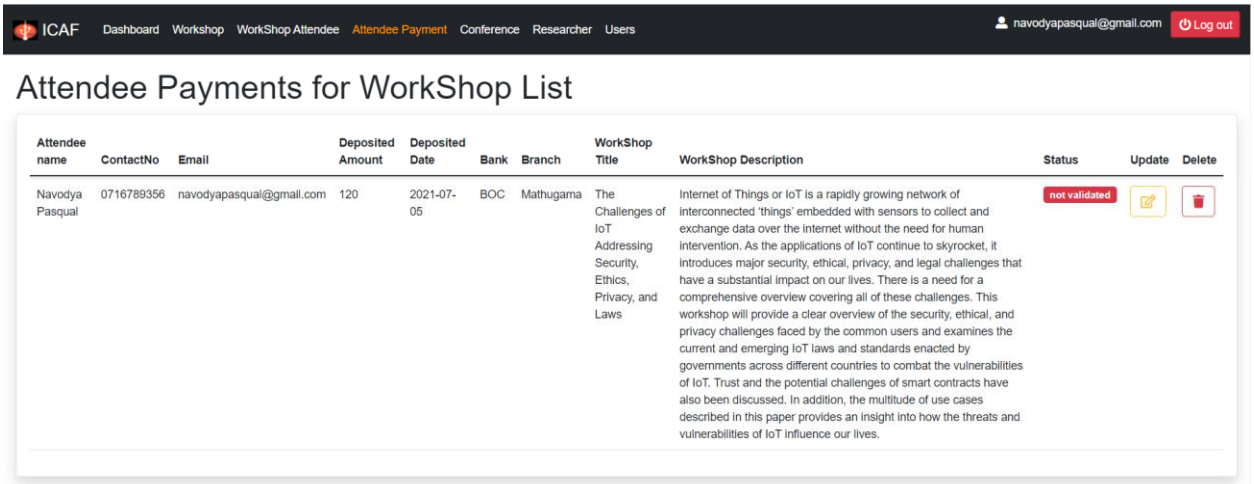
- Only admin have access.
- Admin can monitor workshop registration from this page.
- He has to approve workshops.
- If the workshop is approved then the date for workshop can be add.
- If the workshop should be deleted then admin can do it form delete button

Admin attendee page (IT19408316)



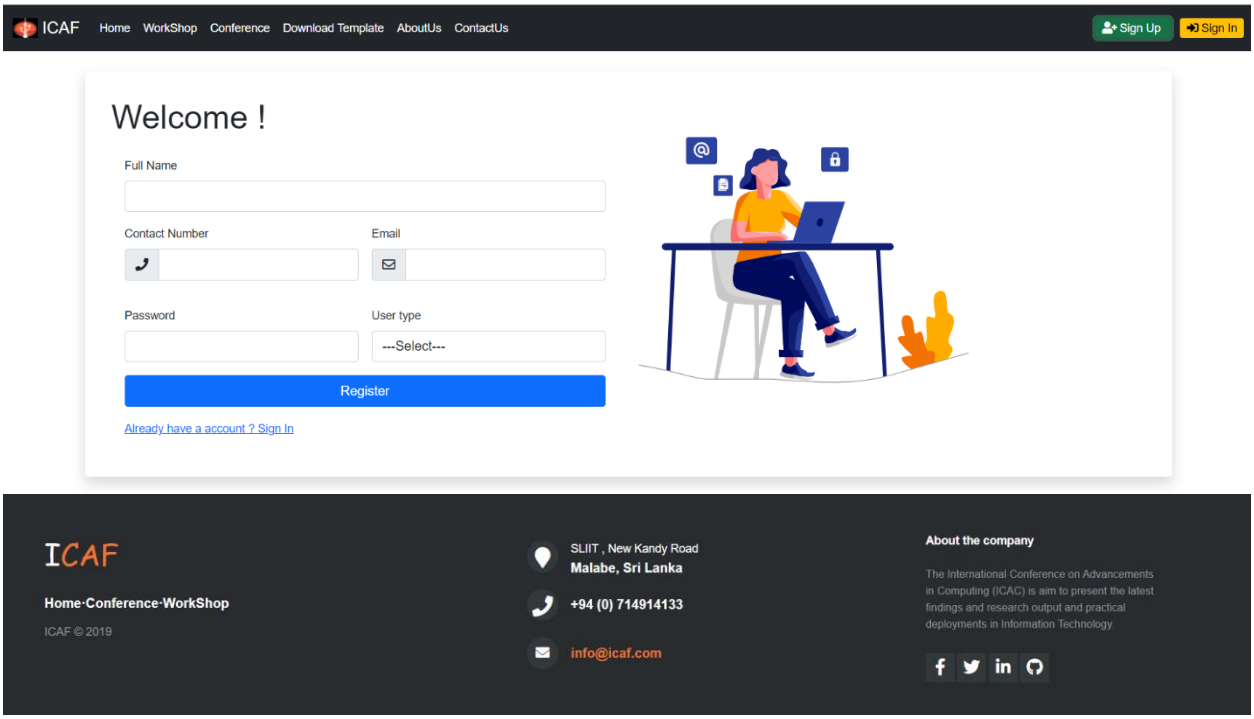
- Only admin have access.
- Admin can monitor attendee workshop registration from this page.
- He has to approve registration.
- If the registration should be deleted then admin can do it form delete button.

Admin attendee payment page (IT19408316)



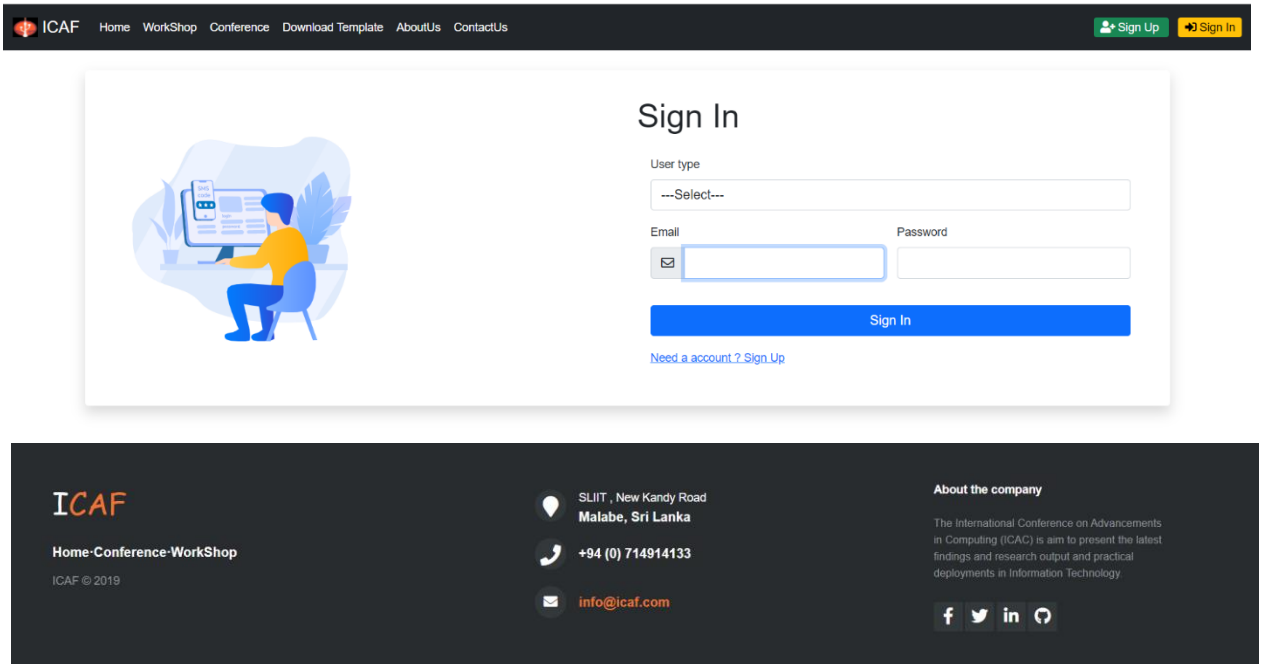
- Only admin have access.
- Admin can monitor attendee workshop payments from this page.
- He has to validate payment.
- If the payment should be deleted then admin can do it form delete button.

User Registration page (IT19099132)



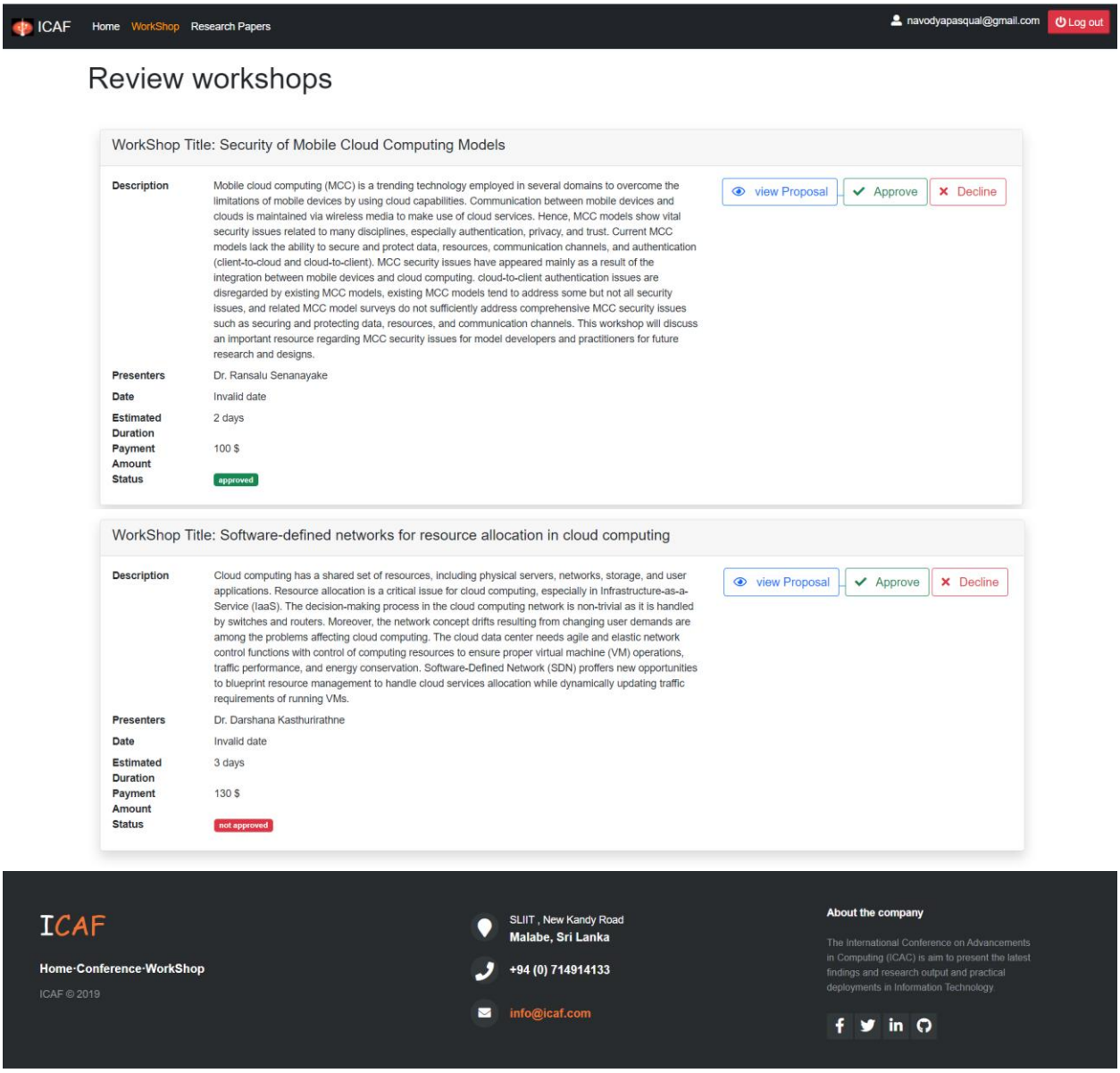
- All users can access this page
- Users can register to system using this page
- After providing valid information user can create user account

User Sign in page (IT19099132)



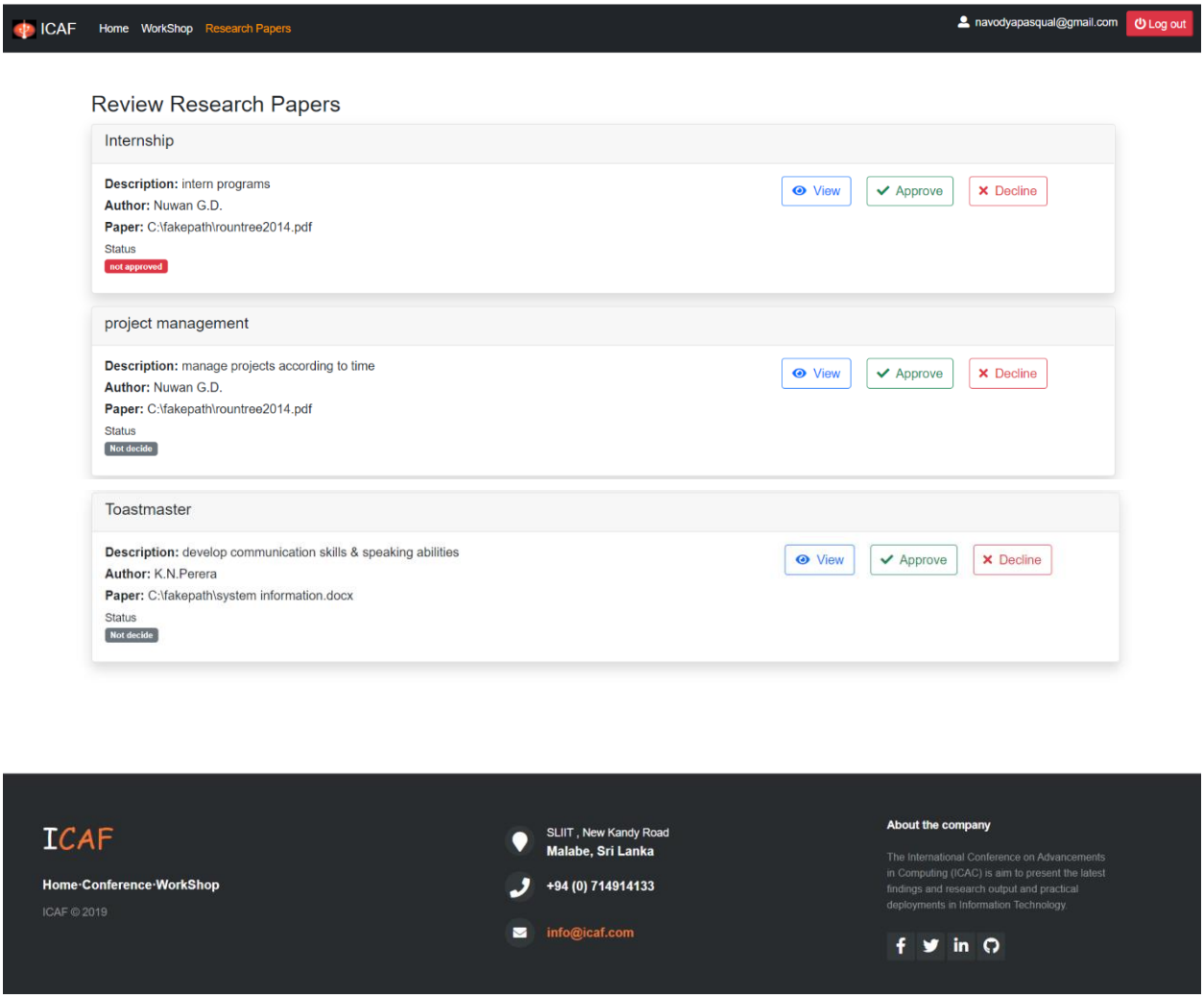
- All users can access this page
- Users can login to system using this page
- Providing user type, email and password user can log into system from this page

Review Workshop page (IT19099132)



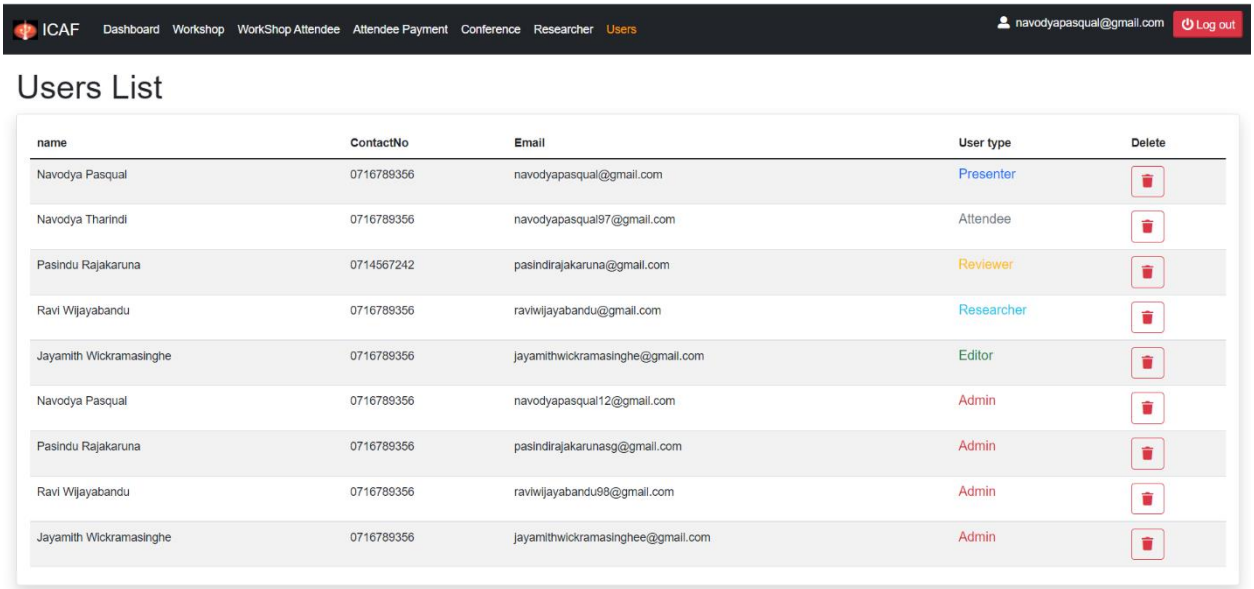
- Only reviewers can access this page
- This page show list of uploaded workshop details
- Reviewer can approve or decline workshop from this page

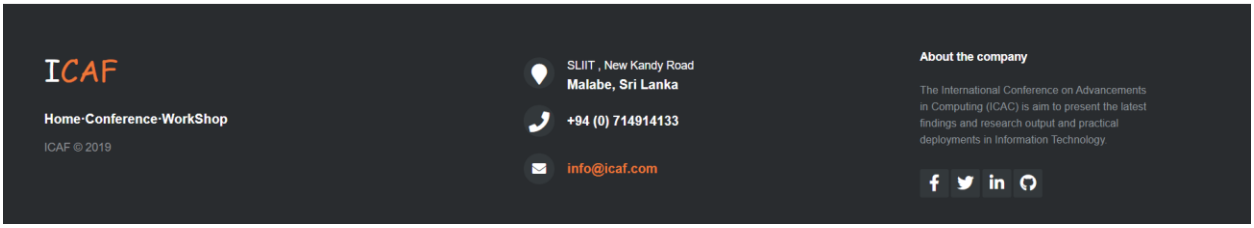
Review Research Papers (IT19099132)



- Only reviewers can access this page
- This page show list of uploaded research paper details
- Reviewer can approve or decline research paper from this page

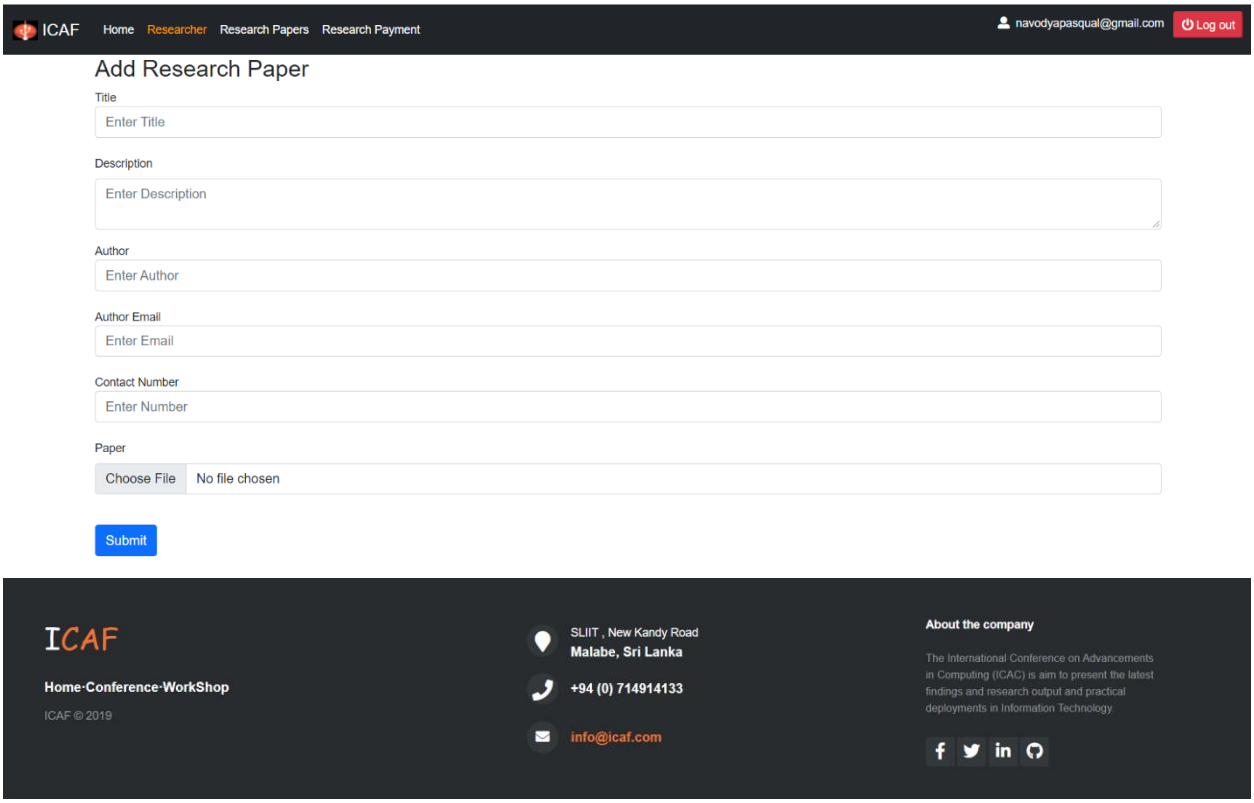
Admin User List (IT19099132)





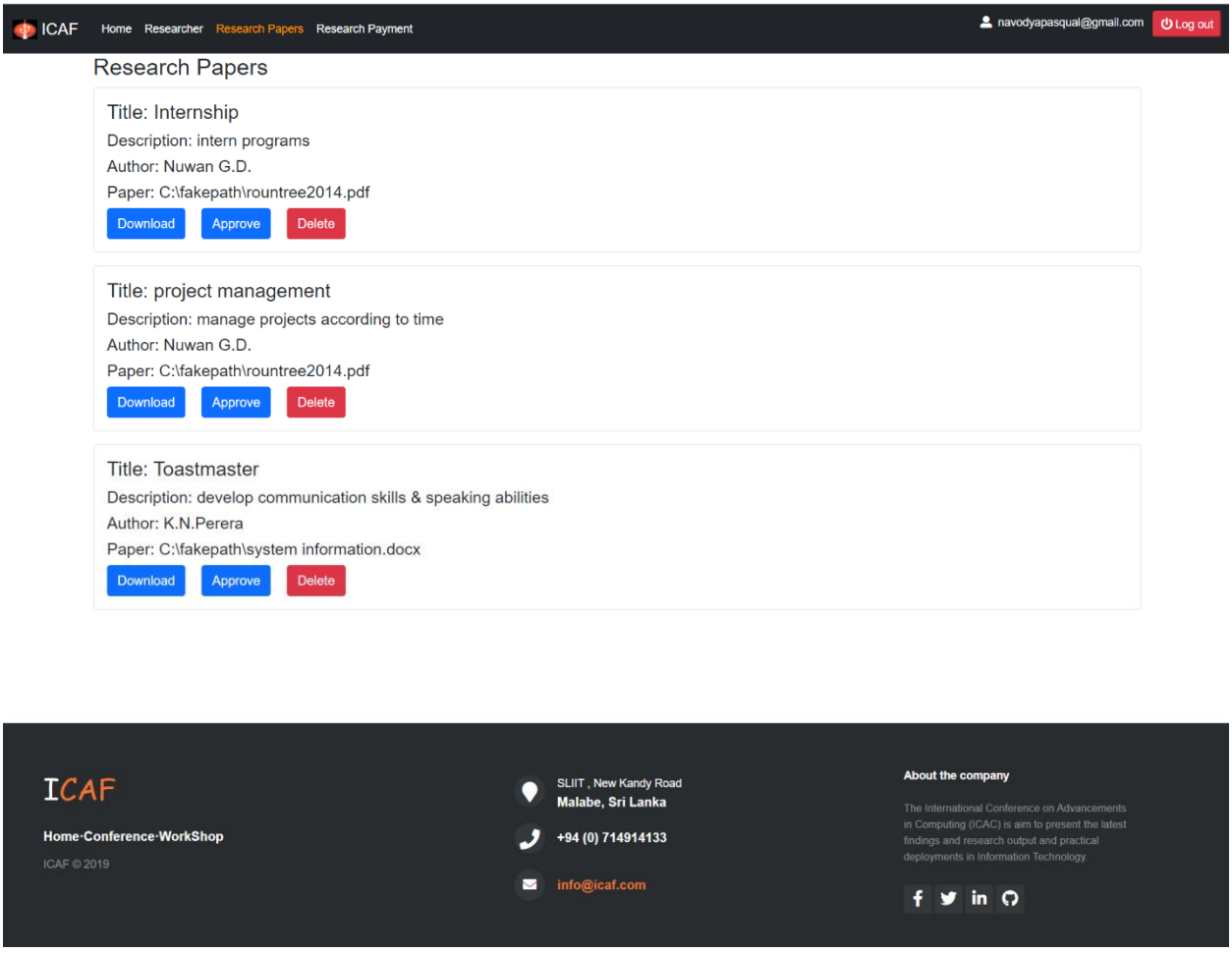
- Only admin have access.
- Admin can view user list and their details from this page
- Admin can remove users from system using this page

Add Research Paper page



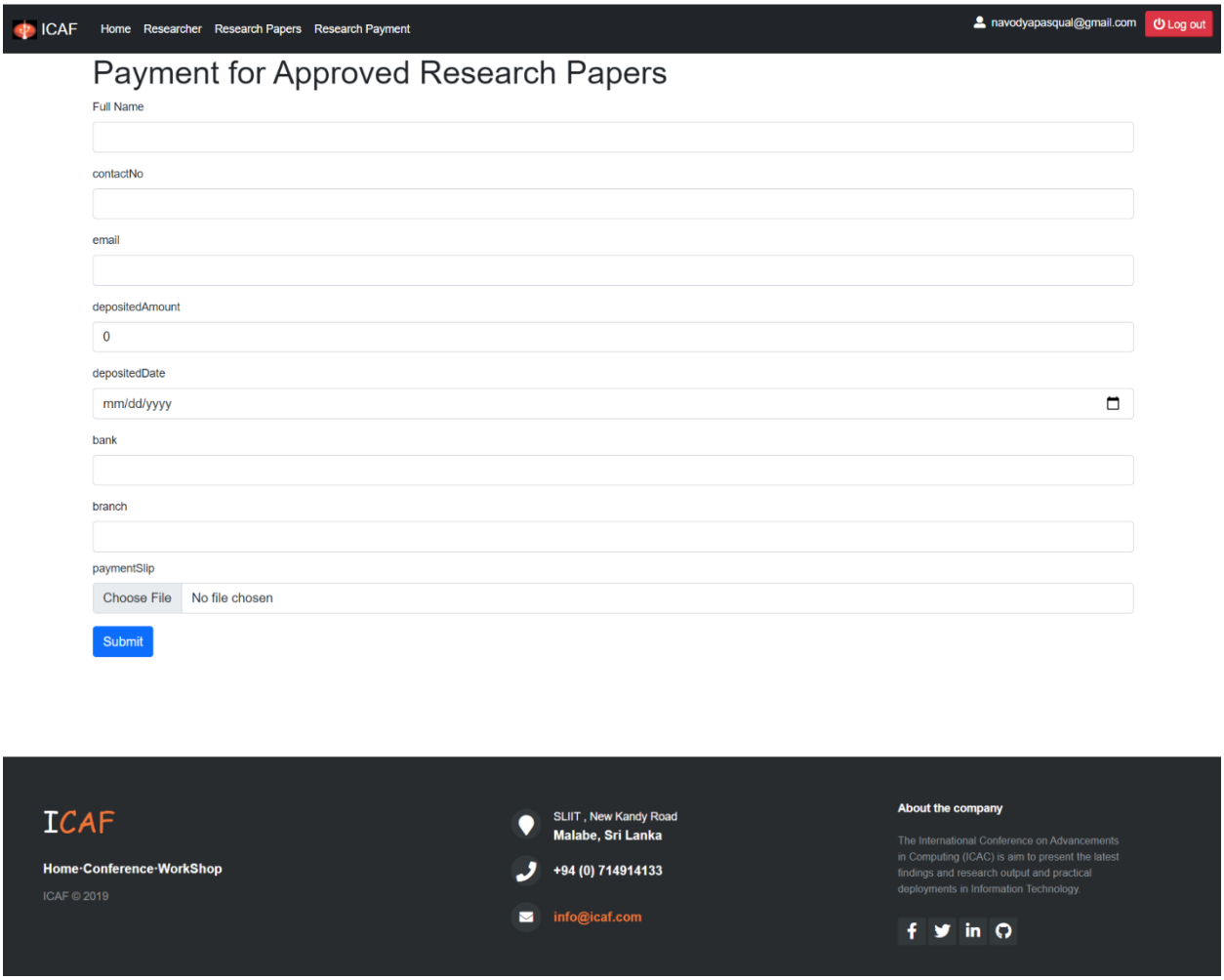
- When user logged as a researcher, he can add research papers to the system

View Research Paper Page



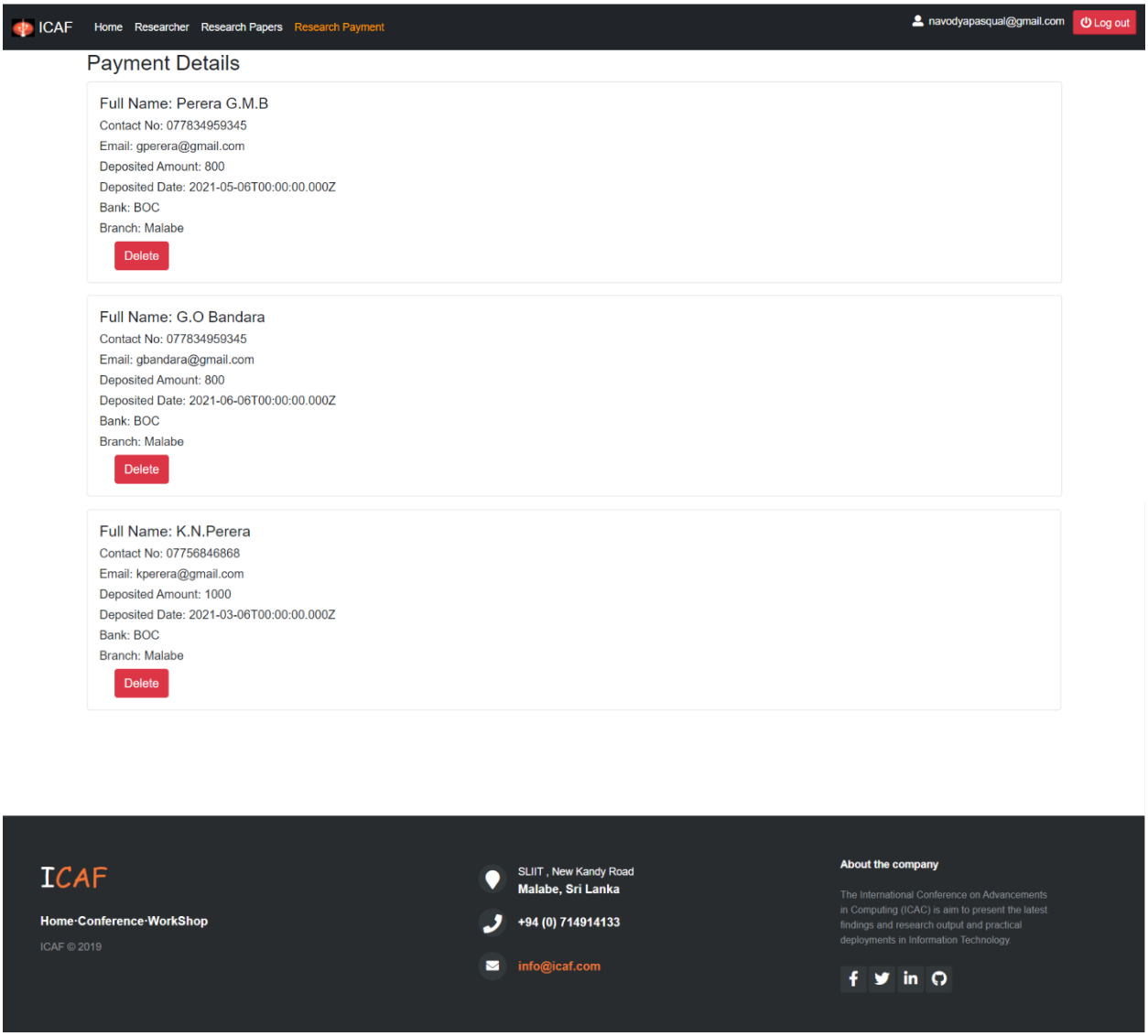
- If there are one or more research papers user can see those on the page.
- If the research paper is still not approved by admin, then researcher can delete them.
- If user want to download research paper, he can download from download button

Research Paper Payment Page



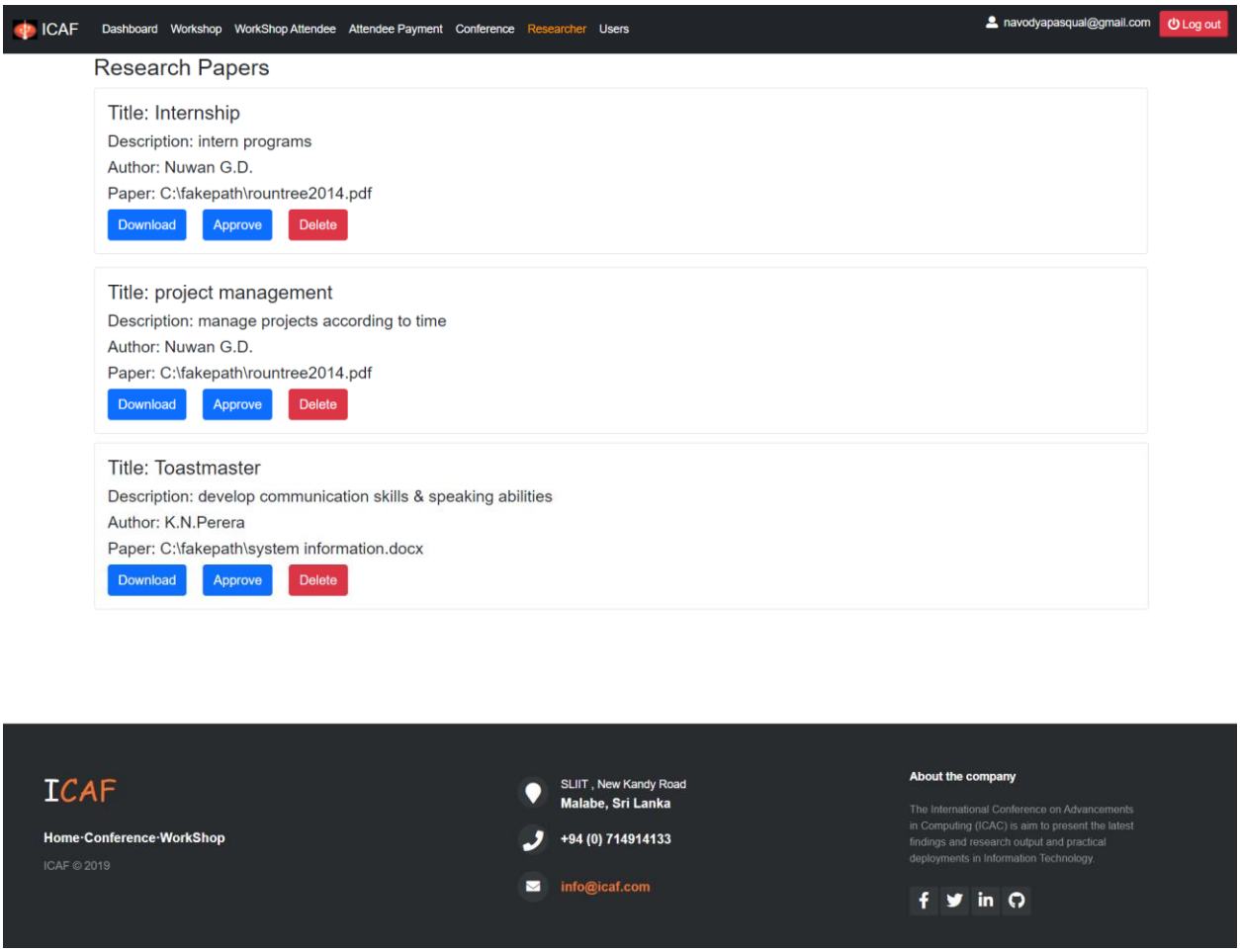
- After admin approves research paper researcher has to add payment details and payment bill from this page.

View Payment Details Page



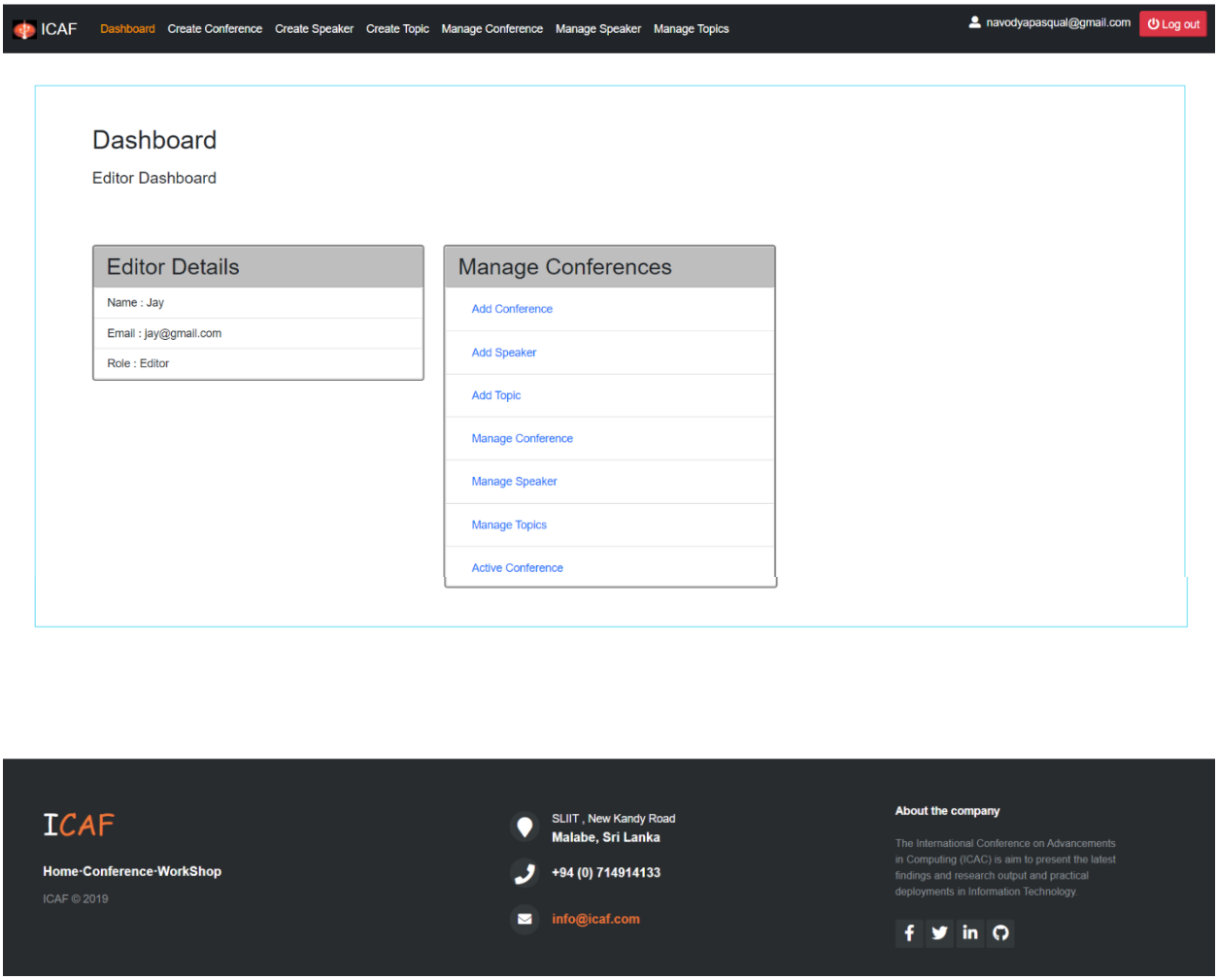
- If there are one or more payments researcher can see those on the page
- If researcher wants to delete payment details, he can delete from delete button

Admin Researcher Page



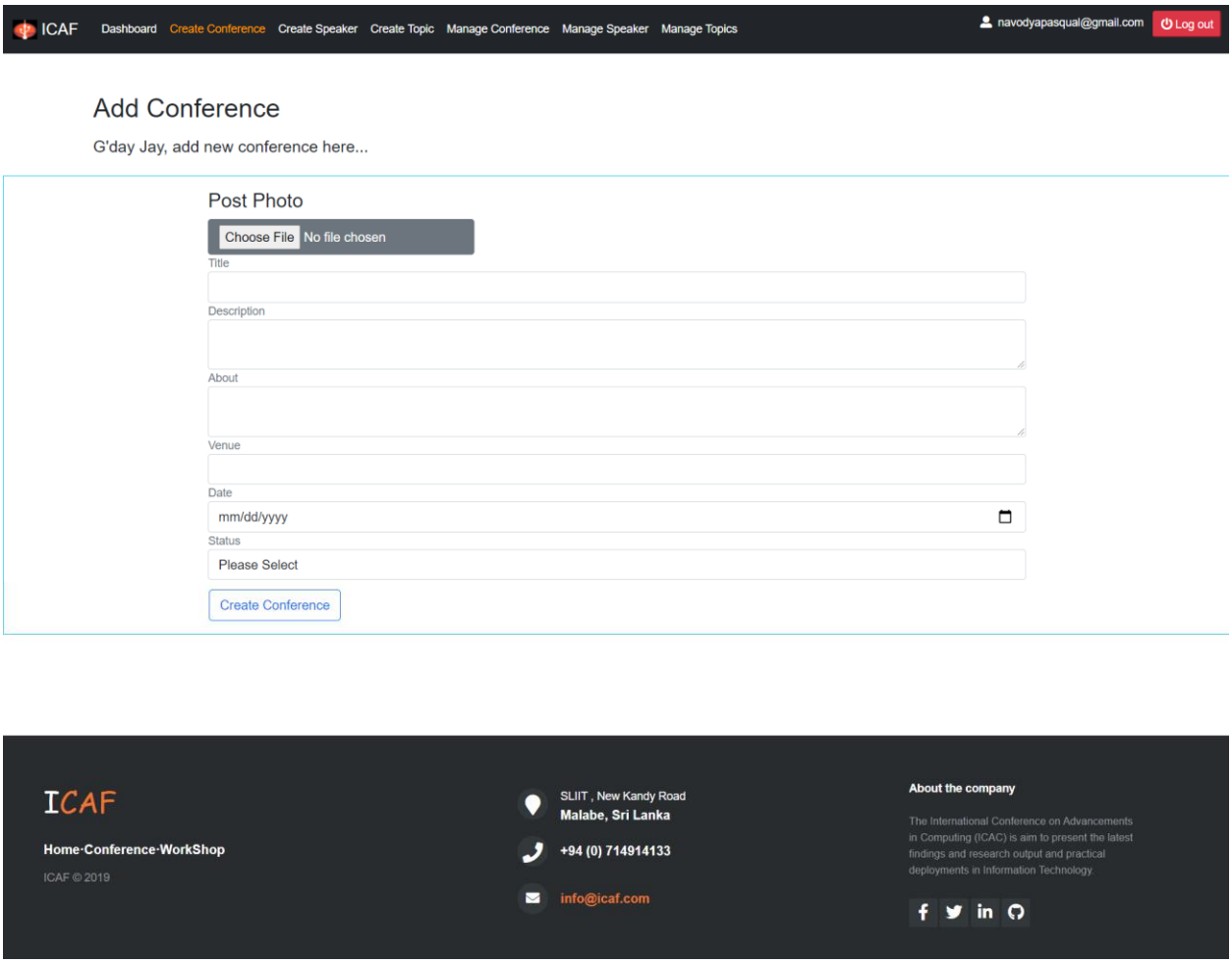
- Only admin have access.
- Admin can monitor research papers from this page.
- He has to approve research papers

Editor Dashboard (IT19151052)



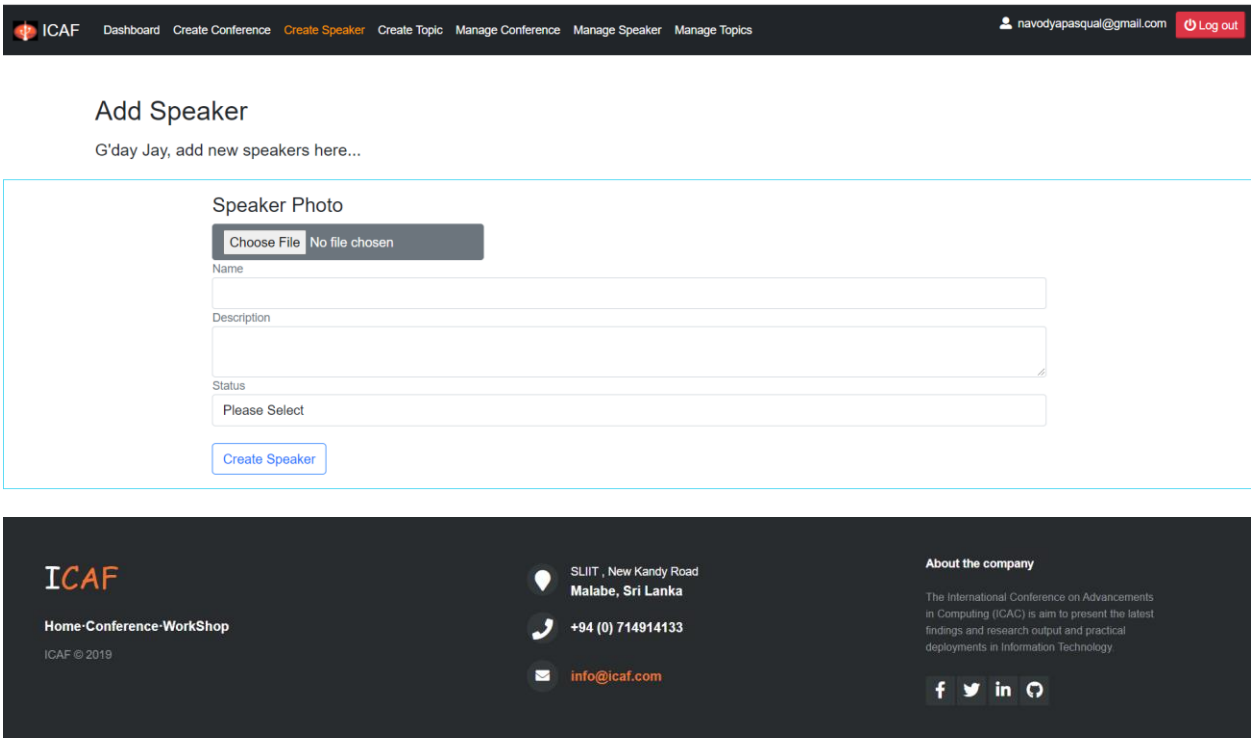
- Only editors have access to this page.
- This is the editor dashboard.

Add Conference Page (IT19151052)



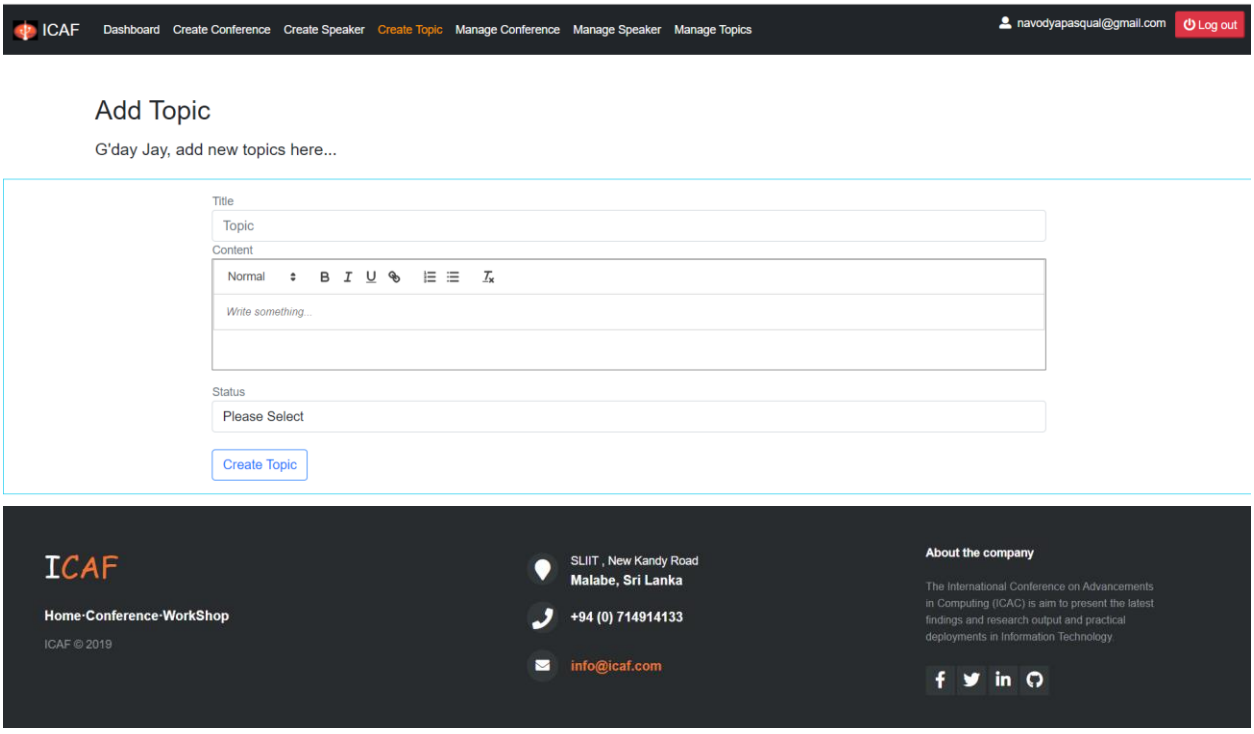
- Only editor have access to this page.
- Editor can add a new conference from this page.

Add Speaker page (IT19151052)



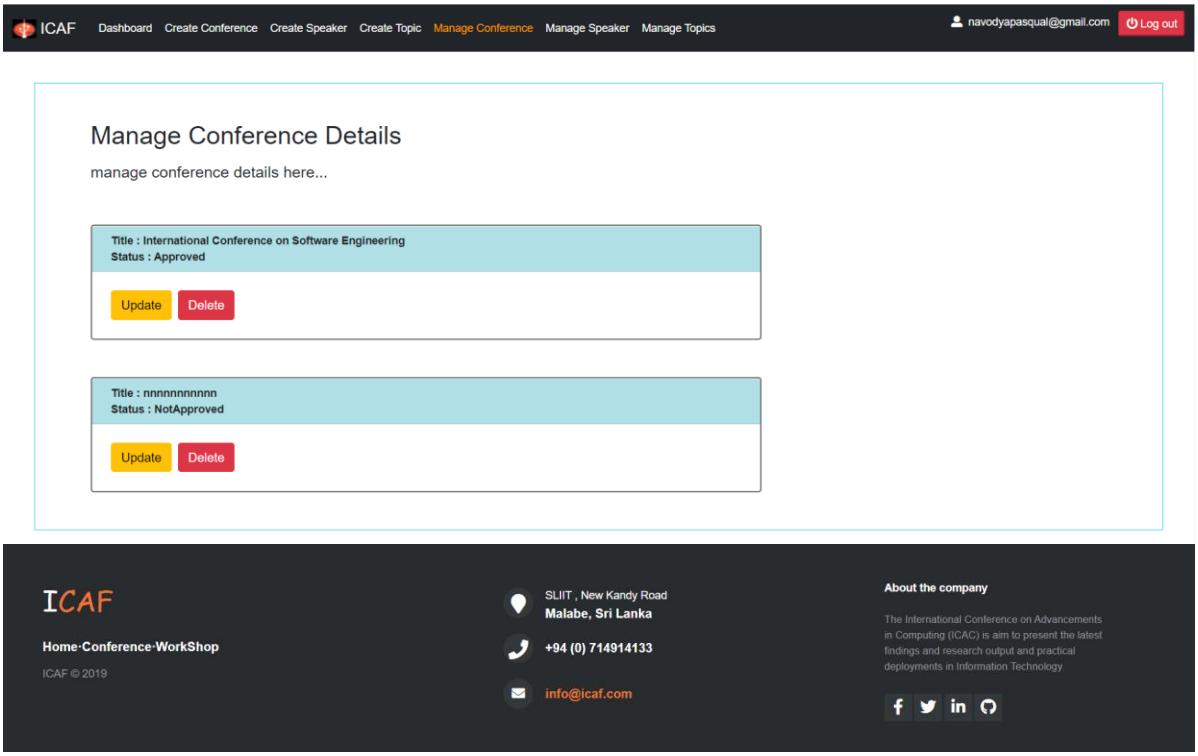
- Only editor have access to this page.
- Editor can add Speakers to conferences from this page.

Add Topic page (IT19151052)



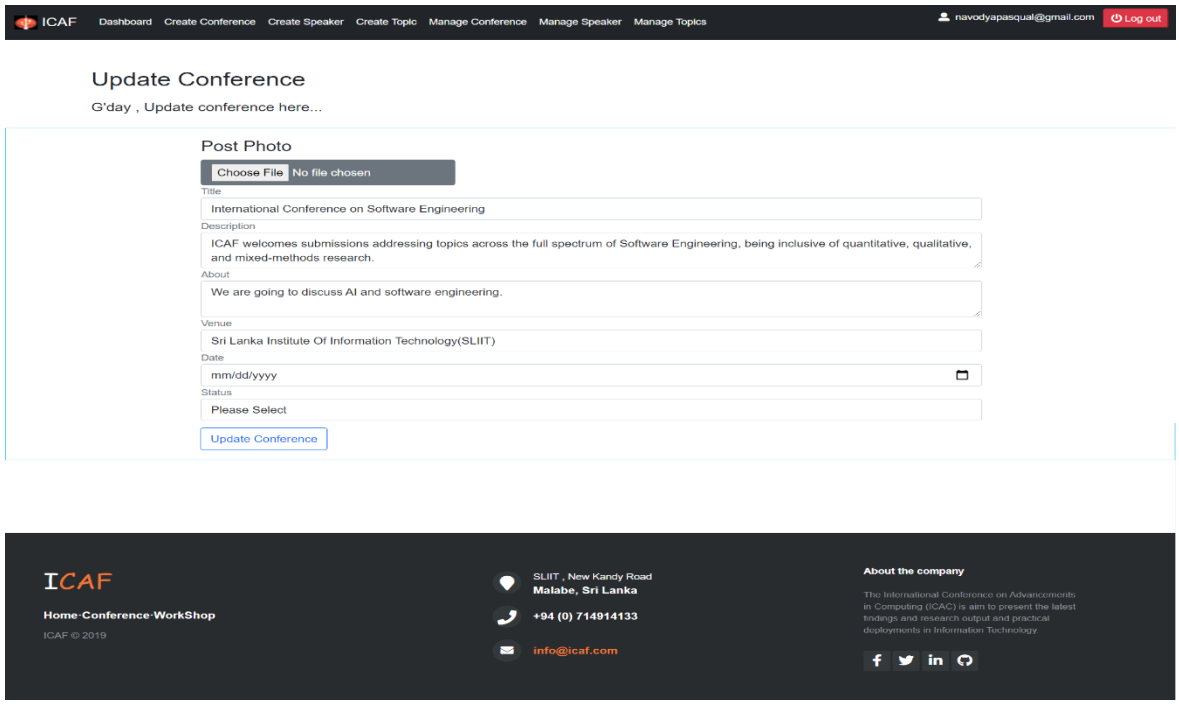
- Only editor have access to this page.
- Editor can add Topics to conferences from this page.

Manage Conference page (IT19151052)



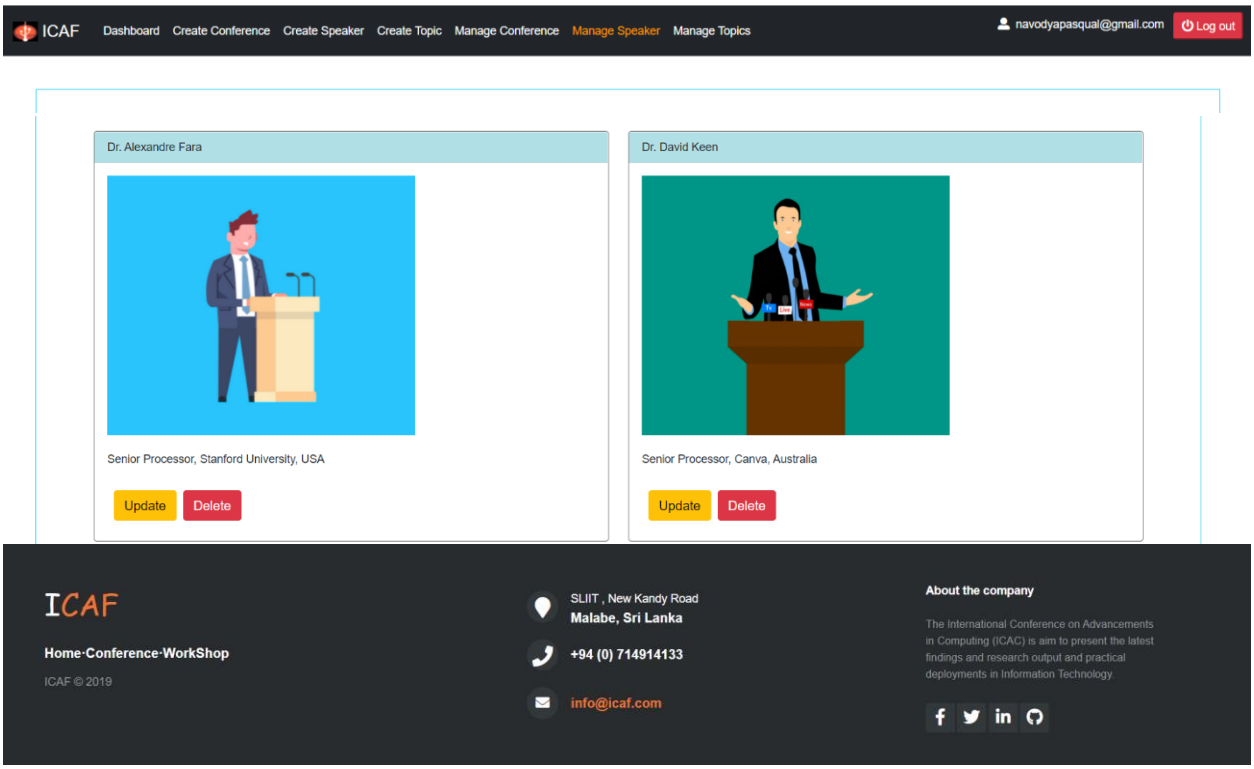
- Only editor have access to this page.
- Editor can edit conference details and delete them.

Update Conference page (IT19151052)



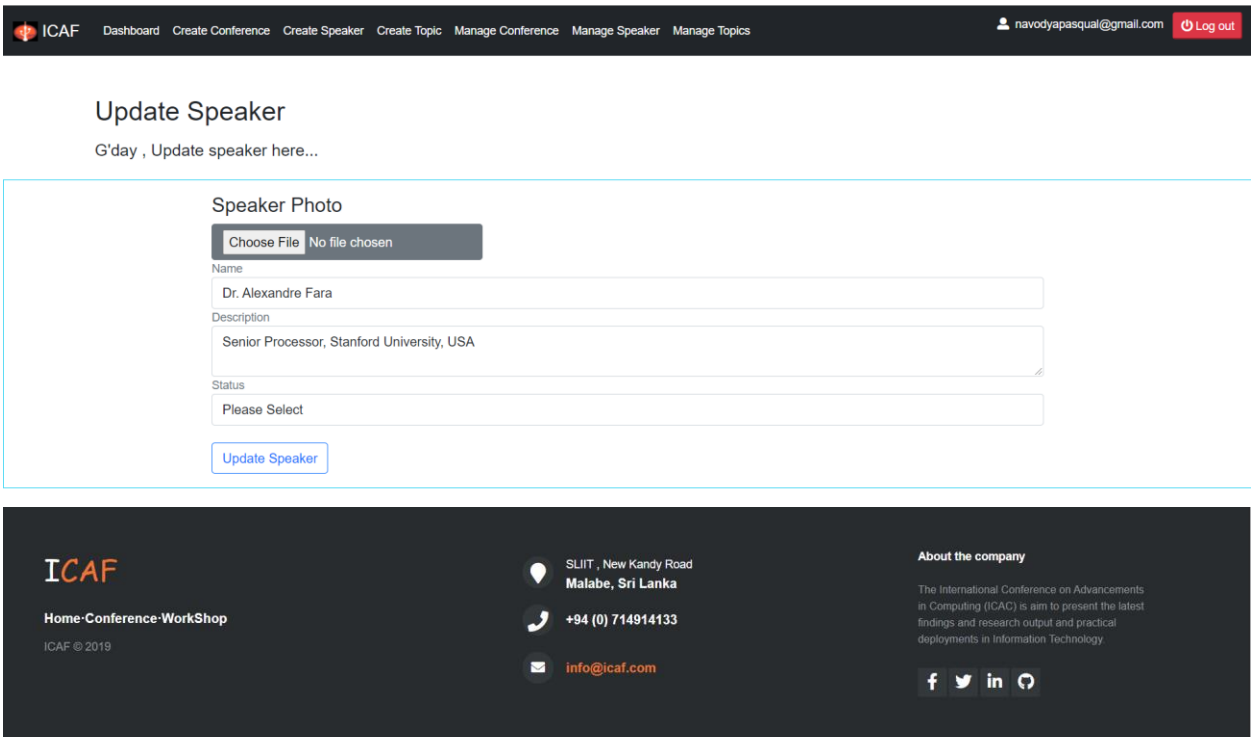
- Only editor have access to this page.
- Editor can edit conference details.

Manage Speaker page (IT19151052)



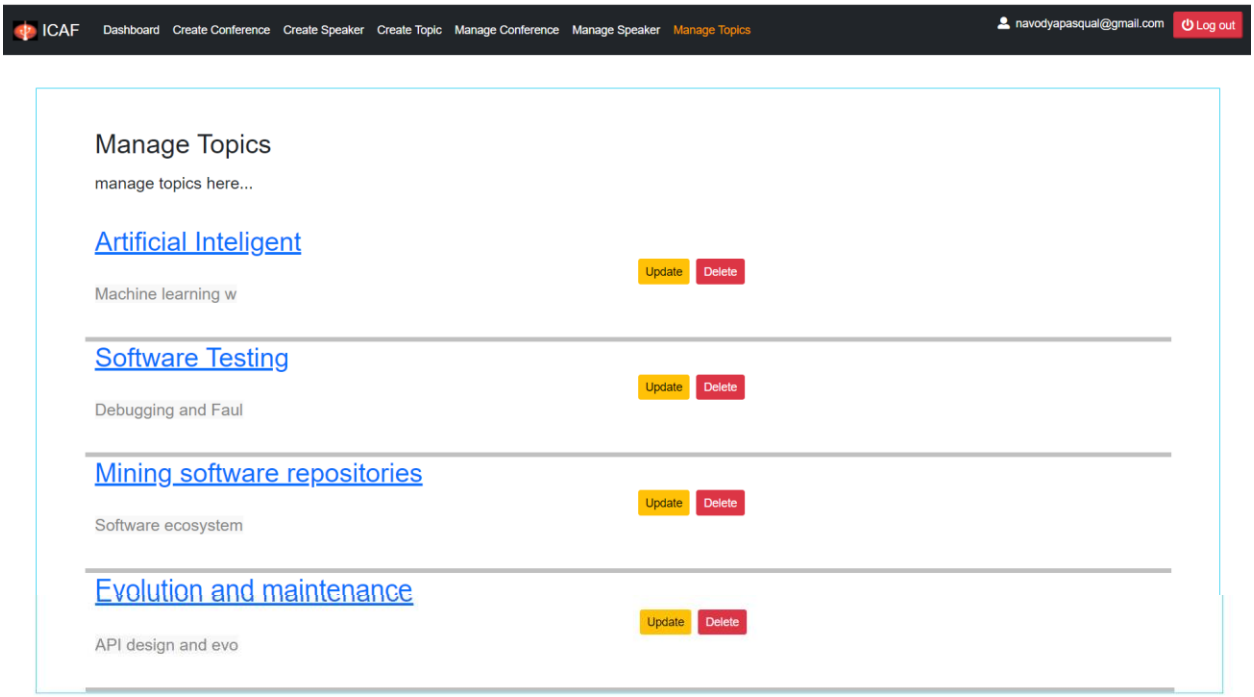
- Only editor have access to this page.
- Editor edit conference speakers details and delete them.

Update Speaker page (IT19151052)



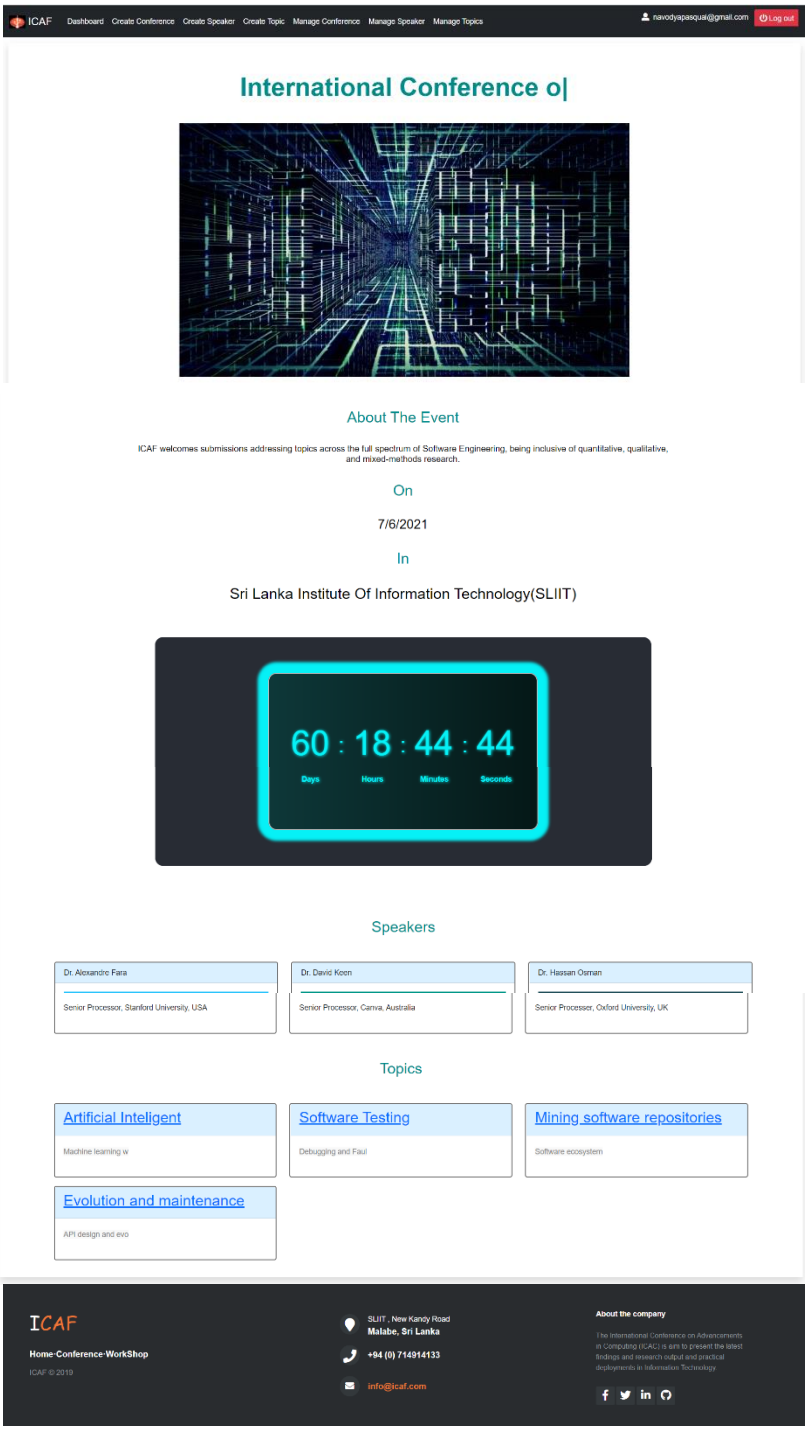
- Only editor have access to this page.
- Editor can edit speaker details.

Manage Topic page (IT19151052)



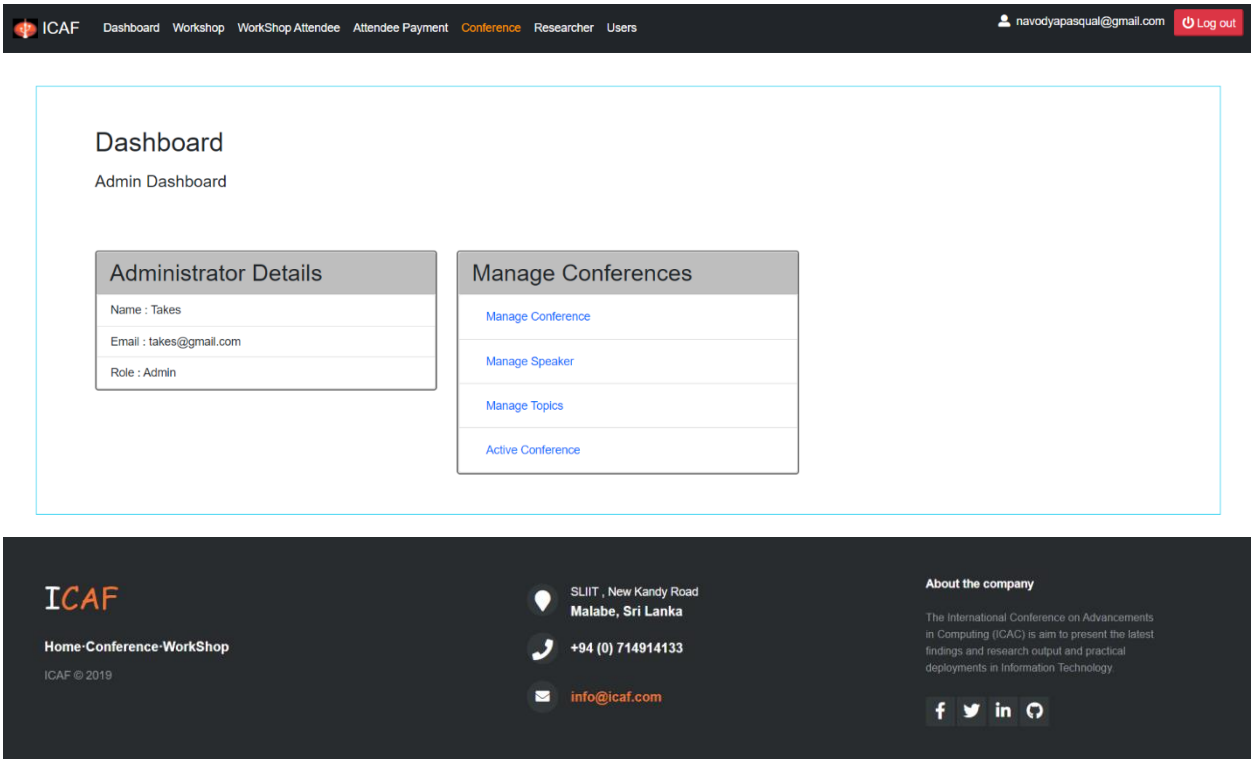
- Only editor have access to this page.
- Editor edit conference topics and delete them.

Active Conference (IT19151052)



- Any user has access to this page.
- This page will display active conferences and its topics and speakers.

Admin Conference Dashboard (IT19151052)



- Only Admin have access to this page.
- This is the dashboard for Editor admin.

API GUIDELINES

BASE URL for All the REST Endpoints in Development Environment

http://localhost:8080/

URL for Backend Endpoints in Deployed Environment:

http://af-conference-planner.herokuapp.com/

API Endpoint

API Endpoint	Functionality	Method
workshop/create	Workshop registration	POST
workshop/	Get All Workshop	GET
workshop/viewbyid/:id	Get workshop by work shop ID	GET
workshop/update/:id	Update workshop details	PUT
workshop/delete/:id	Delete workshop details	DELETE
attendee/create	Attendee workshop registration	POST
attendee/	Get all attendee workshop registration	GET
attendee/viewbyid/:id	Get specific attendee by attendee ID	GET
attendee/viewbyid/workshop/:id	Get specific attendee by workshop ID	GET
attendee/update/:id	Update Attendee status by admin	PUT
attendee/delete/:id	Delete specific attendee registration	DELETE
workshoppayment/create	Add payment workshop details	POST
workshoppayment /	Get all attendee workshop payment	GET
workshoppayment/viewbyid/:id	Get specific payment by ID	GET
workshoppayment/workshop/viewbyid/:id	Get specific payment by workshop ID	GET
workshoppayment /update/:id	Update payment status by admin	PUT
workshoppayment /delete/:id	Delete specific payment	DELETE
user/register	User registration	POST
user/login	User Logn	POST
reviewer/create	Add reviewer massage details	POST

reviewer/:reviewerId	Update Reviewer	PUT
research/create	Add research papers	POST
research/	Get research paper List	GET
research/:id	Get research paper details	GET
research/delete/:id	Delete research paper	DELETE
researchpaperpayment/create	Add payment	POST
researchpaperpayment/	Get payment List	GET
researchpaperpayment/:id	Get payment details by id	GET
conference/create	Add conference	POST
conference/:conferenceid	Get conference details	GET
conference/approved/conference	Get approved conference details	GET
conference/update/:conferenceid	Update conference details	PUT
conference/delete/:conferenceid	Delete conference details	DELETE
speaker/create	Add speaker	POST
speaker/:speakerid	Get speaker details	GET
speaker/speakers	Get speaker list	GET
speaker/update:speakerid	Update speaker details	PUT
speaker/delete/:speakerid	Delate speaker details	DELETE

GROUP DETAILS

Student ID	Student Name
IT19408316	Pasqual N. T.
IT19099132	Rajakaruna R. W. P. C.
IT19395906	Wijayabandu S. A. R.
IT19151052	Wickramasinghe R. J. P.