

## International Journal of Computer Science and Mobile Computing



A Monthly Journal of Computer Science and Information Technology

ISSN 2320-088X

IMPACT FACTOR: 6.199

*IJCSMC, Vol. 8, Issue. 9, September 2019, pg.112 – 118*

# DISCUSSION FORUM FOR STUDENTS AND FACULTY

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**Abstract**— This project entitled “Discussion Forum for Students and Faculty” is a medium to connect the current college students with the passed out students. This web application allows the former students to post the jobs in their working environments, In the walk in dates preparation documents, career development discussion and even can guide the students achieve more on their career. Students can post their clarifications and they can get help from the former students who are working professionals in IT sector. The college management will create accounts for the students after they passed out their accounts will be converted former students account. After creating an account for the students they can post questions study materials they can even ask questions or start a topic by mentioning the passed out students. The main advantage of the project is to guide the student to achieve more in their career by connecting them with the former students who are currently got placed in various working environments. Moreover, this portal will control the students for unnecessary chatting with their friends.

**Keywords:** Career Guidance, Placement, Discussion Forum

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## I. INTRODUCTION

Discussion forum also commonly referred in many kinds of the terms like web forums, message boards, discussion boards and discussion groups. Members can organize the discussions and gather the suggestions through online around various people. The discussion is initiated through any one member by posting a topic and other members of the group can make reply. The authorized members of the same group can able to share information, suggestions and ideas among the group. The features in online course were that gives the instructor the opportunity to post topic for discussions and providing the students a tool for responding each topic is referred to as “thread”.

Technology where users can interact with other user by exchanging messages sometimes called post, and discussing a given subject (topic).A connected group of written conversations in an online environment. A forum is a place, situations, or group in which people exchange ideas and discuss issues, especially important public issues. A discussion board forum contributes to the development of your cognitive and critical thinking skills, allows times for thoughtful, in depth reflection on course topics, facilitates exploratory learning by allowing you to review and respond to the work of others and paves the way for you to approach own learning.

An online discussion forum is the based communication tool (or activity) that enables is participants to post messages and to reply to others messages asynchronously. Unlike the real time (synchronous) discussions of chat rooms and instant messaging the online discussion typically lasts longer and gives students time to think

about what they are going to contribute. A forum is a public discussion it can refer to a meeting, any conversation that is available publicly. forum means track, representation, assembly, journal. the idea for web based discussion forums stemmed from newsgroups. as technology advanced, discussion forums were developed to operate on the web. Along with newsgroups, discussion forum also were similar to internet chat.

Both discussion forum and chat technologies allowed web surfers to communicate online. discussion forums used asynchronous communication, however, which differed from chat in that it allowed its users to posts and respond to message from any computer at any time, rather than requiring all chatters to be longed on simultaneously. Over time discussion become increasingly user friendly.

Forum typically arranged messages by thread topic, date, and time and allowed users to respond to a certain message or a create be a new message, of their own. in order to become part of a forum, many sites required web surfers to register for a user id and password. This forums also typically had a set of rules that discouraged malicious or appropriate language and reserved the right to block any users that abused the forum.

Certain discussion forums also had moderates, who viewed messages before they were posted in order to ensure they met the site's standards, including jobs and educational institution. College professors began utilizing these forums as teaching tools. Students were encouraged to use specific forums set up by the college or professor to discuss the topics. The largest group of discussion forum users, however, was made up of individuals seeking information.

### **ADVANTAGES**

- Post updates: you can post updates, attachments, pictures, media on the platform and can also filter your audience based on requirements. Further you can follow discussion forum for students and faculty members you are interested in get updates from them in the frequency you like.
- Job referrals: forum students can post job openings in their working companies. you can further find openings you are interested in and get referred by the former students working on.
- Manage events: your one stop solution for students events create an event send invitations and reminders. Interact with people who have registered, further post updates of the event and much more.

### **II. OBJECTIVE**

The project entitled "Discussion Forum for Students and Faculty" is a medium to connect the current college students with the passed-out students. This web application allows the former students to post the new recruitments and vacancies in their office, walk-in dates, documents preparation. Moreover can able to develop the career discussion and also can guide the guide the students to achieve more on their career. Student can post their doubts and they can get help from the former students who are working in the IT industry sector. The college management will create accounts for the student after they passed out their accounts will be converted former student account. After creating an account for the students, they can post questions, study materials; they can even ask questions or start a topic by mentioning the former student. The main advantage of the project is to guide the student to achieve more in their career by connecting them with the former students who are currently working professionals. There is no chatting system in this project. Students are not allowed to chat with anyone on this portal. The main goal of the project is to share knowledge with others and gain knowledge from others.

### **III.METHODOLOGY**

An easy way to comply with the conference paper formatting requirements is to use this document as a template and simply type your text into it. The project entitled "Discussion Forum for Students and Faculty" is a medium to connect the current college students with the passed-out students. This web application allows the former students to post the new recruitments and vacancies in their office, walk-in dates, documents preparation. Moreover can able to develop the career discussion and also can guide the guide the students to achieve more on their career. Student can post their doubts and they can get help from the former students who are working in the IT industry sector. The college management will create accounts for the student after they passed out their accounts will be converted former student account. After creating an account for the students, they can post questions, study materials; they can even ask questions or start a topic by mentioning the former student. The main advantage of the project is to guide the student to achieve more in their career by connecting them with the former students who are currently working professionals. There is no chatting system in this project. Students are not allowed to chat with anyone on this portal. The main goal of the project is to share knowledge with others and gain knowledge from others.

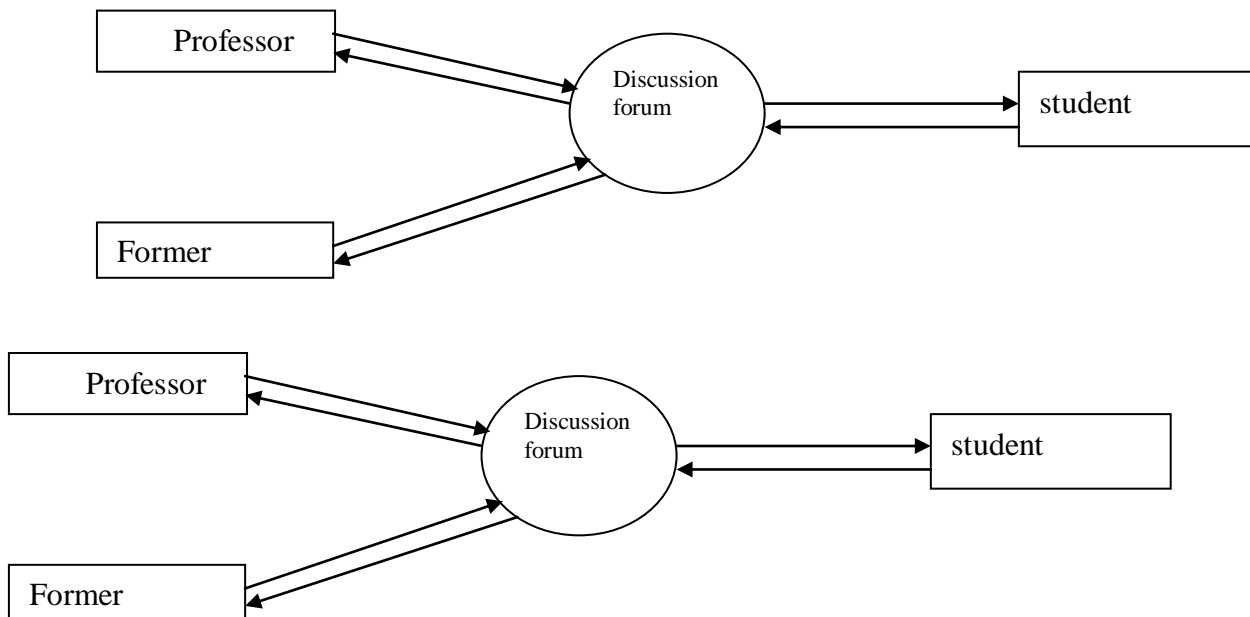


Fig 1 Data Flow Diagram of Discussion Forum for Students and Faculty

Discussion forum for students and faculty is a proposal which is used to help the students and former students with a job discussion. This will make the discussion to take the decision in the correct information which will help to improve their knowledge. This project is classified in to various partitions referred as modules. These modules are explained in the below.

There are several modules are created in this project like Account, Department and Discussions. Detail description about the project modules are explained below.

**Account**

- Admin will create the accounts for all the users (Former students, students, staffs)
- Admin has the right to delete and block the accounts
- Log in
- Student Login
- Staff Login
- Admin Login

**Department**

- All the Former students, students and staffs are segregated into respective departments
- The users (Former students, students and the staff members) can only see and involve in the discussions within the department they belong to

**Discussions**

- Anyone can start the discussion, and anyone can follow and reply to the thread
- Staffs and admin have the right to delete the message
- Staffs and admin have the right to delete the entire discussion
- Students will not be able to delete the messages they sent
- Discussion can be extended to any number of threads without any limit.
- The discussions are archived in 30 days and deleted from the database after 6 months

## IV.INPUT & OUTPUT DESIGN

### INPUT DESIGN

Input design is the process of converting user-originated inputs to a computer-based format. Input design is one of the most expensive phases of the operation of computerized system and is often the major problem of a system. Input design is a part of overall design, which requires careful attribute. Inaccurate input data are the most common cause of errors in data processing. The goal of designing input data is to make data entry as easy, logical and free from errors. In the system design phase input data are collected and organized in to groups of similar data.

The input forms in this project are user registration, use login, admin login and post questions.

### OUTPUT DESIGN

Output design generally refers to the results and information that are generated by the system for many end-users; output is the main reason for developing the system and the basis on which they evaluate the usefulness of the application. Computer output is the most important and direct source of information to the user. Output design is very important phase because the output will be in an interactive manner. The output will be in such away that the user can see it from the screen and can take a hard copy from the printer. Efficient, Major form of the output is a hard copy from the printer.

The output forms in this project are user details and answers for discussion. The following figures explains about the process of students and faculty members in the discussion forum.

The screenshot shows a web browser window with the title 'Forum -> Usersignup'. The address bar shows 'localhost:19246/Forum/Addstudent.aspx'. The main content area has a green header with the text 'Discussion Forum....' and a yellow navigation bar with links: 'ADD STUDENT || VIEW STUDENT || ADD STAFF || VIEW STAFF || LOG'. Below the navigation bar, there is a 'Welcome Admin.' message in red. The main form is titled 'Add Student' and contains the following fields: Userid, Username, Password, Address, Mobile No, and Mail Id. There are 'Submit' and 'Cancel' buttons at the bottom of the form. A copyright notice '© Copyright. All rights reserved.' is visible at the bottom of the page.

Fig 2 Input Design for Adding the new student

The screenshot shows a web browser window with the title 'Machine Learning -> Doctorsignup'. The address bar shows 'localhost:19246/Forum/Addstaff.aspx'. The main content area has a green header with the text 'Discussion Forum....' and a yellow navigation bar with links: 'ADD STUDENT || VIEW STUDENT || ADD STAFF || VIEW STAFF || LOG'. Below the navigation bar, there is a 'Welcome' message in red. The main form is titled 'Add Staff' and contains the following fields: Staff Id, Staff Name, Password, Qualification, Specialisation, Address, Mobile No, and Email Id. There are 'SUBMIT' and 'CANCEL' buttons at the bottom of the form. A copyright notice '© Copyright. All rights reserved.' is visible at the bottom of the page.

Fig 3 Input Design for Adding a New Faculty

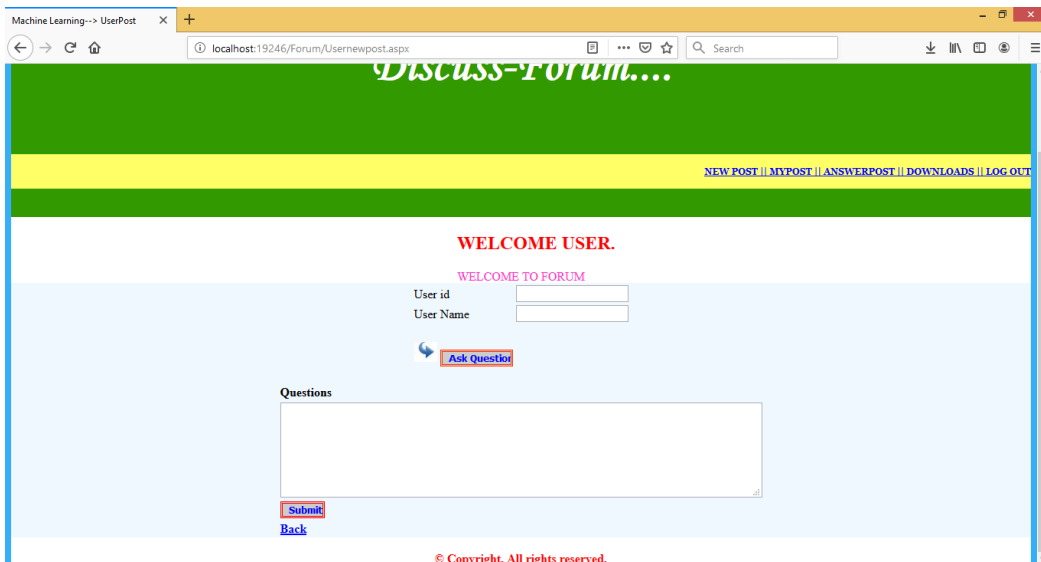


Fig 4 Input Design for Query Uploading

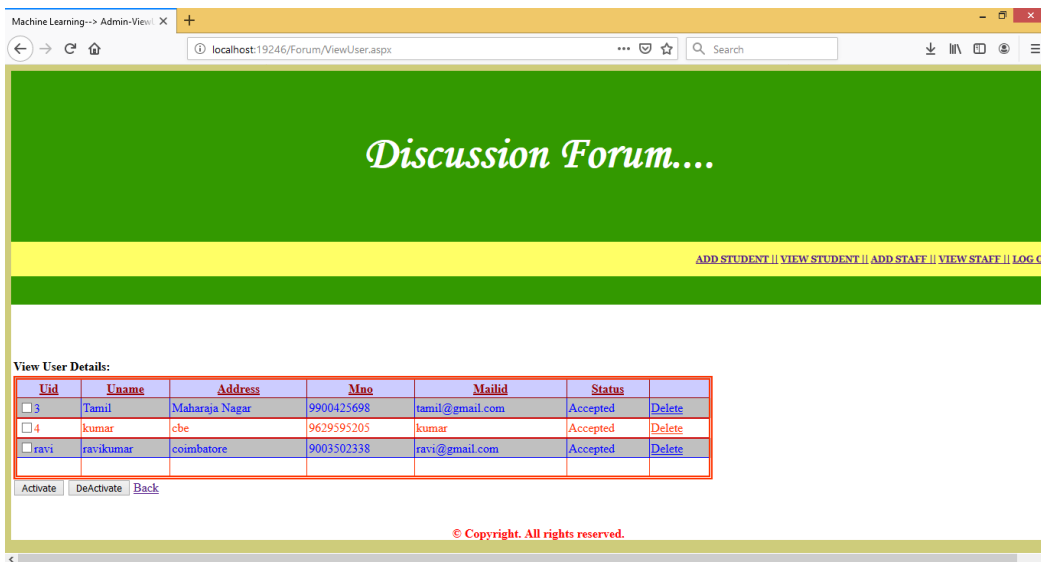


Fig 5 Output Design for view user details

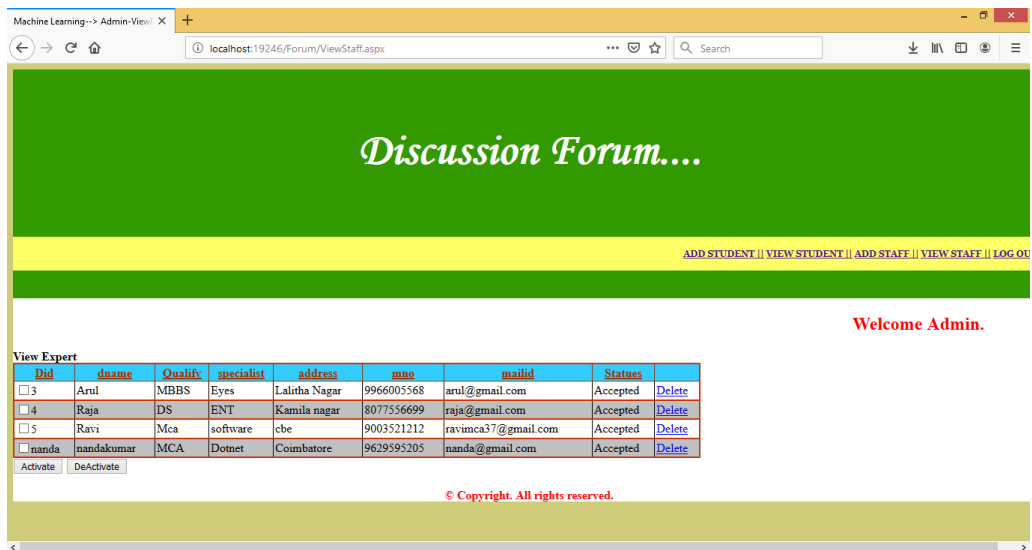
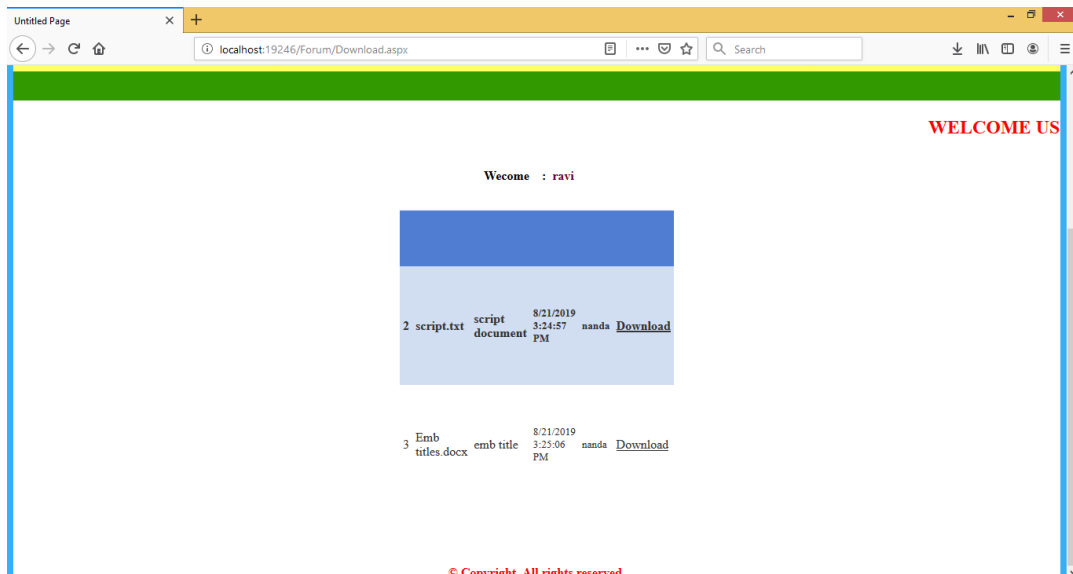
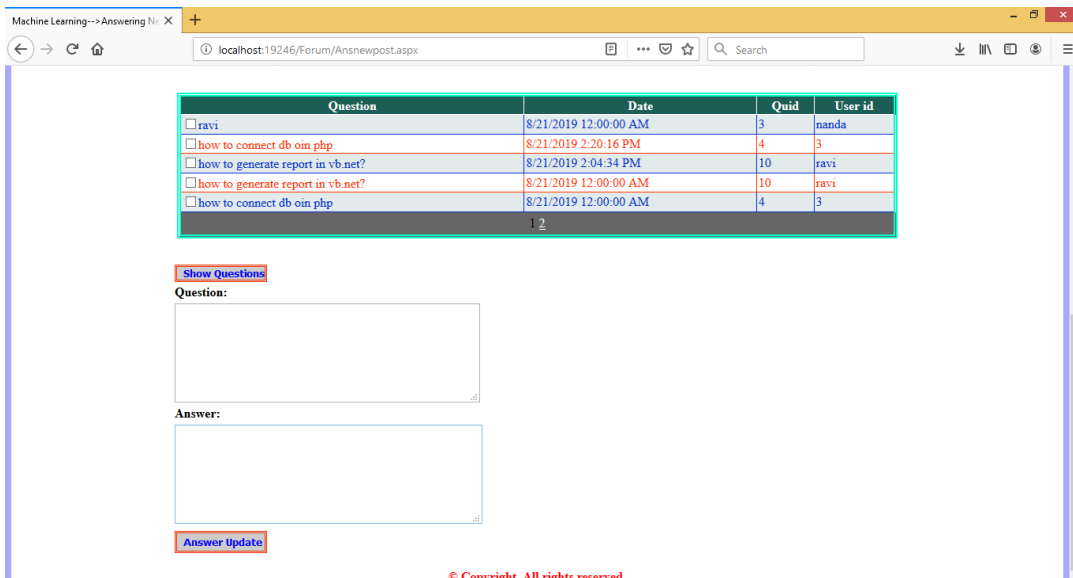


Fig 6 Output Design for View Expert



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Fig 7 Output Design for User Entry



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Fig 8 Output Design for All users Queries

## V. CONCLUSION

It is concluded that the application works well and satisfy the end users. The application is tested very well and errors are properly debugged. The application is simultaneously accessed from more than one system. Simultaneous login from more than one place is tested. This system is user friendly so everyone can use easily. Proper documentation is provided. The end user can easily understand how the whole system is implemented by going through the documentation. The system is tested, implemented and the performance is found to be satisfactory. All necessary output is generated. Thus, the project is completed successfully. Further enhancements can be made to the application, so that the application functions very attractive and useful manner than the present one. The speed of the transactions become more enough now.

## VI.SCOPE FOR FUTURE ENHANCEMENT

There is scope for future development of this project. The world of computer fields is not static; it is always subject to be dynamic. The technology which is famous today becomes outdated the very next day. To keep abstract of technical improvements, the system may be further refined. So, it is not concluded. Yet it will improve with further enhancements.

Enhancements can be done in an efficient manner. We can even update the same with further modification establishment and can be integrated with minimal modification. Thus the project is flexible and can be enhanced at anytime with more advanced features.

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