

# **INTRODUCTION TO THE PROJECT**

## **NAME OF PROJECT**

**Student Education System (StudentForum.com)**

## **DEFINITION**

The Students Forum Helps students to Communicate with Each other  
Beyond the Groups, Class, University.

- ✓ Student forum helps students by students.
- ✓ Here one student can create question in which other students can give their answers.
- ✓ Here students are given their own login semester wise. Student can ask question.

## **SCOPE OF WORK**

- ✓ Student Forum works with students and admin.
- ✓ Student can ask questions and other student register in that semester can get the questions on their profile and give answers.
- ✓ The questioner can also delete the question
- ✓ Admin can add, remove courses, semester, subjects, students, other students.

## **AN EXISTING SYSTEM**

→ In general students share their ideas, questions and answers from their colleges or friends through the intercom or direct manner. They need to spend time for their work.

1. Delete are enquire through phone.
2. It consumes more time.
3. They don't get proper answers.

## **NEED OF PROPOSED SYSTEM**

- ✓ It is difficult to note down all the problems manually. Instead it is decided to develop an online student's forum to ease the application.
  - ✓ A system is required which is capable of eliminating all the problems become useful to users and thus the new system is derived.
  - ✓ Here a different view from different users.
- 
1. Interaction will be easier.
  2. Student queries can be viewed by other students from his semester.
  3. Less time consuming.

## **FEASIBILITY STUDY**

- ✓ A feasibility study is undertaken to determine the possibility or probability of either improving the existing system or developing a completely new system.
- ✓ It helps to obtain an overview of the problem and to get rough assessment of whether feasible solution exists.
- ✓ This is essential to avoid committing large resources to a project and then repent on it later.

### **Need for feasible study:**

1. Answer the question whether a new system is to be installed or not?
2. Determine the potential of the existing system.
3. Improve the existing system.
4. Know what should be embedded in the new system.

## **SYSTEM FEATURES**

- ✓ Online student forums create nearly 100% participation of students
- ✓ Student forum encourage preparation and thus improve in class participation.
- ✓ They help student being the process of analysis before class, so class discussion can go further than usual.
- ✓ Student forum help students get a wide variety of perspectives.
- ✓ They take the place of quizzes and tests that generally focus on retention of information. Instead the forum gets us focused on analysis.
- ✓ Student forum allow students to shape class discussion.
- ✓ Student forums are a great way of collaborating on constructing.
- ✓ They did in the sharing information and insight.
- ✓ They help students to start seeing themselves as writing for larger public not just for the teacher, but also for the entire class and even the larger world.

## **HARDWARE AND SOFTWARE**

- ➔ This phase of the software development process details with a brief study of different hardware to use this system by client.
- ➔ There is a list of hardware and software during the use of proposed system as the new system to be made into a computerized functional system requirements of a computer is must.

### **❖ Hardware**

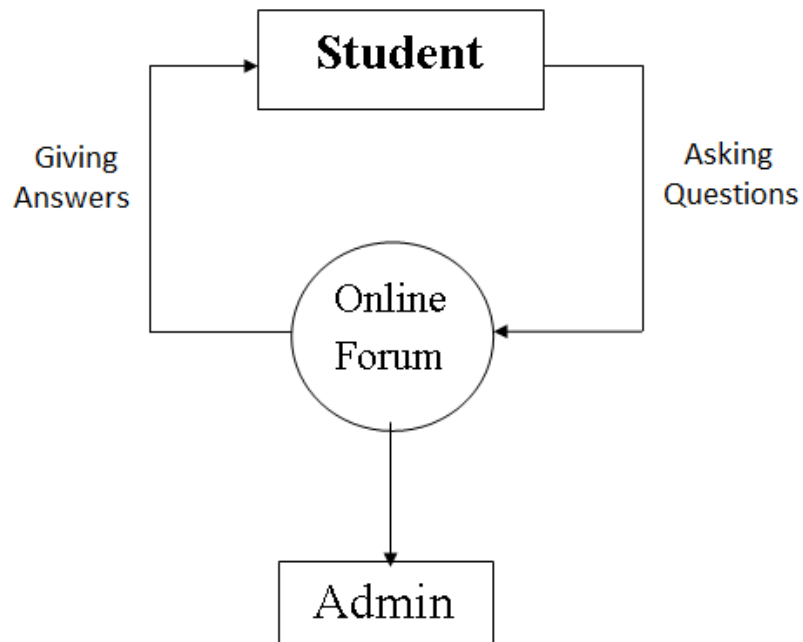
<b>Component</b>	<b>Minimum</b>	<b>Recommended</b>
Processor	2.5 gigahertz(GHZ)	Dual processor that are each 3GHZ
RAM	1Gigabyte(GB)	2GB
Network	56kilobytes per second (kbps) connection between client computer and server	256kbps or faster connection between client computer and server

### **❖ Software**

- ✓ Operating system :- windows 2000 or later
- ✓ Front End :- PHP
- ✓ Back End :- MYSQL 2005

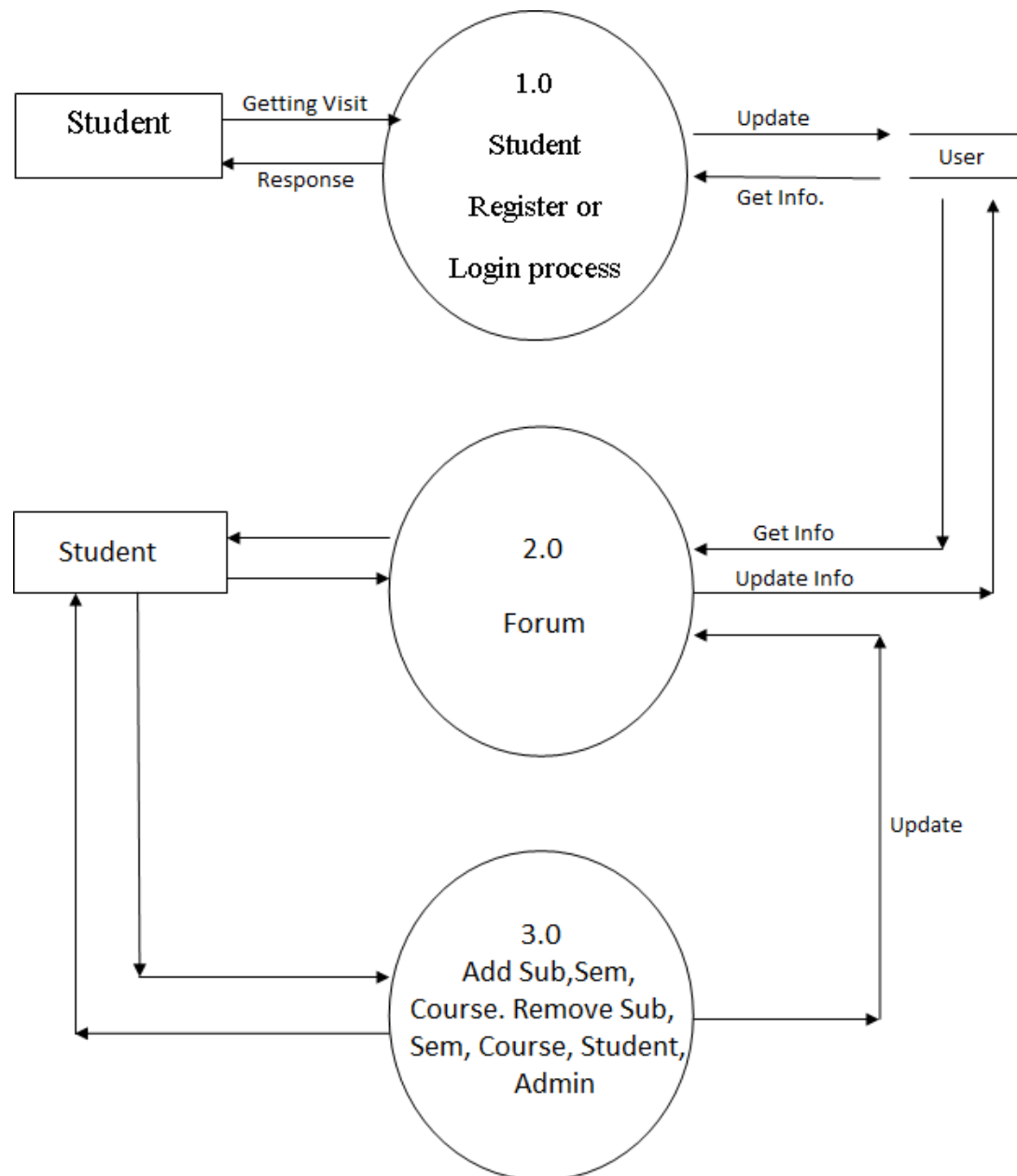
## DATA FLOW DIAGRAM/OOAD/UML

### ❖ Context level diagram





## ❖ Zero Level Diagram



## **DATABASE LAYOUT**

### **1. Admin(it shows details of Admin)**

<b>Field Name</b>	<b>Data Type</b>	<b>Extra</b>
<b>Uid</b>	<b>Int(50)</b>	<b>Auto Increment</b>
<b>Username</b>	<b>Varchar(50)</b>	
<b>Password</b>	<b>Varchar(50)</b>	
<b>Email</b>	<b>Varchar(50)</b>	
<b>Phonenumber</b>	<b>Varchar(50)</b>	
<b>Photo</b>	<b>Varchar(50)</b>	

### **2. Users(it shows details of Users)**

<b>Field Name</b>	<b>Data Type</b>	<b>Extra</b>
<b>Uid</b>	<b>Int(50)</b>	<b>Auto Increment</b>
<b>Username</b>	<b>Varchar(50)</b>	
<b>Password</b>	<b>Varchar(50)</b>	
<b>Email</b>	<b>Varchar(50)</b>	
<b>Phonenumber</b>	<b>Varchar(50)</b>	
<b>Photo</b>	<b>Varchar(100)</b>	
<b>Course</b>	<b>Varchar(50)</b>	
<b>Sem</b>	<b>Varchar(20)</b>	

**3. Topic(it contain topics)**

Field Name	Data Type	Extra
<b>Id</b>	<b>Int(50)</b>	<b>Auto_Increment</b>
<b>Name</b>	<b>Varchar(100)</b>	
<b>Subject</b>	<b>Varchar(50)</b>	

**4. UG\_Courses(it shows details of UG\_Courses)**

Field Name	Data Type	Extra
<b>cid</b>	<b>Int(50)</b>	<b>Auto_Increment</b>
<b>C_name</b>	<b>Varchar(50)</b>	

**5. PG\_Courses(it shows details of PG\_Courses)**

Field Name	Data Type	Extra
<b>cid</b>	<b>Int(50)</b>	<b>Auto_Increment</b>
<b>C_name</b>	<b>Varchar(50)</b>	

**6. C\_name(shows semester in the course)**

Field Name	Data Type	Extra
<b>S_id</b>	<b>Int(50)</b>	<b>Auto_Increment</b>
<b>sem</b>	<b>Varchar(50)</b>	

**7. C\_name\_sem(shows subject int semester)**

Field Name	Data Type	Extra
<b>Sub_id</b>	<b>Int(50)</b>	<b>Auto_Increment</b>
<b>Sub</b>	<b>Varchar(50)</b>	

**8. Question(contains all Question)**

Field Name	Data Type	Extra
<b>Q_id</b>	<b>Int(100)</b>	<b>Auto_Increment</b>
<b>q_name</b>	<b>Varchar(200)</b>	
<b>q_create</b>	<b>Varchar(50)</b>	
<b>Time</b>	<b>Datetime(6)</b>	
<b>Subject</b>	<b>Varchar(50)</b>	
<b>Course</b>	<b>Varchar(10)</b>	
<b>Sem</b>	<b>Varchar(10)</b>	
<b>Topic</b>	<b>Varchar(100)</b>	

**9. Que\_(q\_id)(contains answer of q\_id question)**

Field Name	Data Type	Extra
<b>r_id</b>	<b>Int(50)</b>	<b>Auto_Increment</b>
<b>Replier</b>	<b>Varchar(50)</b>	
<b>Reply</b>	<b>Varchar(200)</b>	
<b>Time</b>	<b>Datetime(6)</b>	

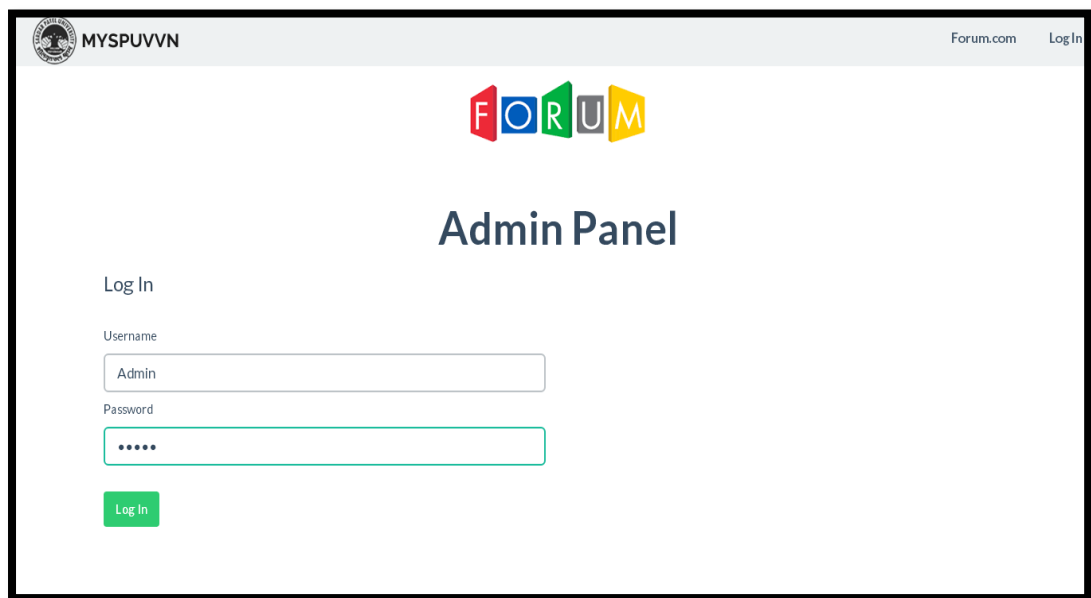
## 10.Reviews(contain reviews given by students)

Field Name	Data Type	Extra
<b>r_id</b>	<b>Int(50)</b>	<b>Auto_Increment</b>
<b>Rev</b>	<b>Varchar(100)</b>	
<b>R_giver</b>	<b>Varchar(20)</b>	
<b>Time</b>	<b>Datetime(6)</b>	

## DESIGN OF INPUT SCREEN

### ADMIN PANEL:

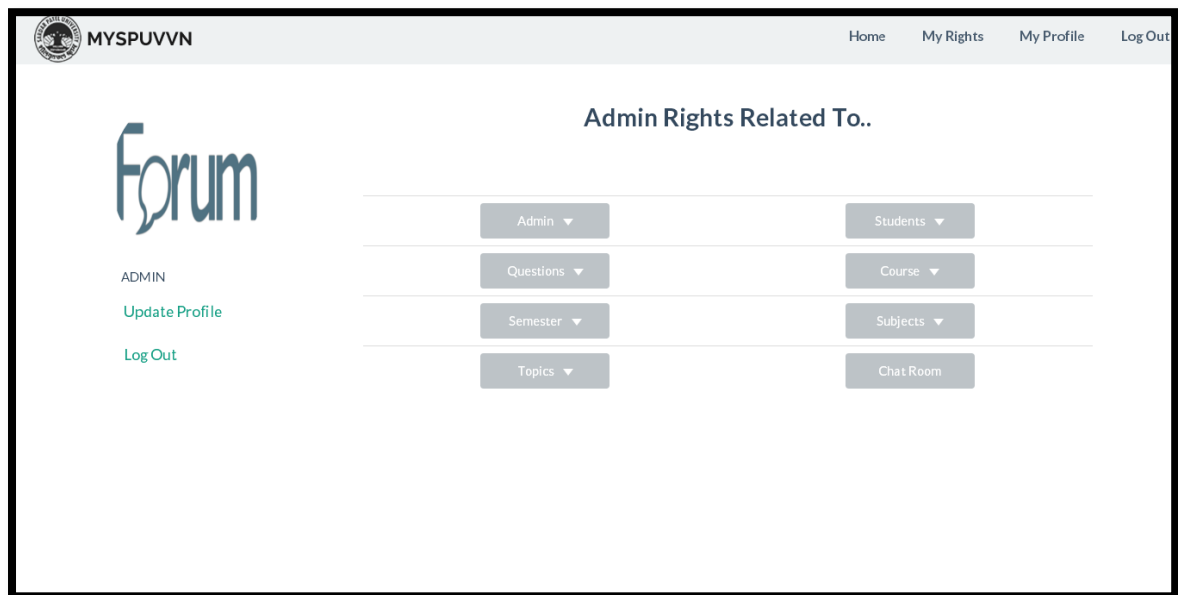
#### (i) Admin Login:



The screenshot displays the Admin Login interface for MYSPUVVN Forum.com. The page features a header with the MYSPUVVN logo and the text 'Forum.com Log In'. The main content area includes the 'FORUM' logo and the title 'Admin Panel'. Below the title, there is a 'Log In' section with a 'Username' field containing the text 'Admin' and a 'Password' field with five dots. A green 'Log In' button is positioned below the password field.

By which Admin can log in to Admin Panel and can manage features.

## (ii)Admin Rights:



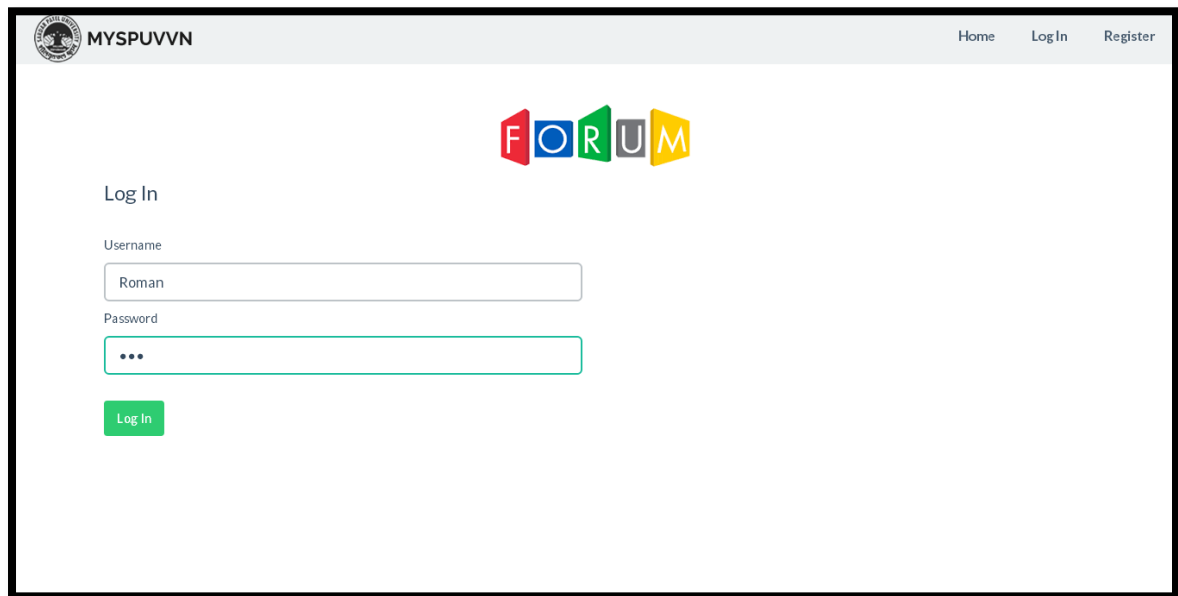
The screenshot shows the MYSPUVVN Admin Rights page. The header includes the MYSPUVVN logo and navigation links: Home, My Rights, My Profile, and Log Out. The main content area is titled "Admin Rights Related To..". On the left, there is a "Forum" logo and a sidebar with "ADMIN", "Update Profile", and "Log Out" links. The main area contains a table of admin rights related to the forum.

Admin Rights Related To..	
Admin ▼	Students ▼
Questions ▼	Course ▼
Semester ▼	Subjects ▼
Topics ▼	Chat Room

On This page Admin gets all the Rights Related to Forum.

## CLIENT SIDE:

### (i) User Login:

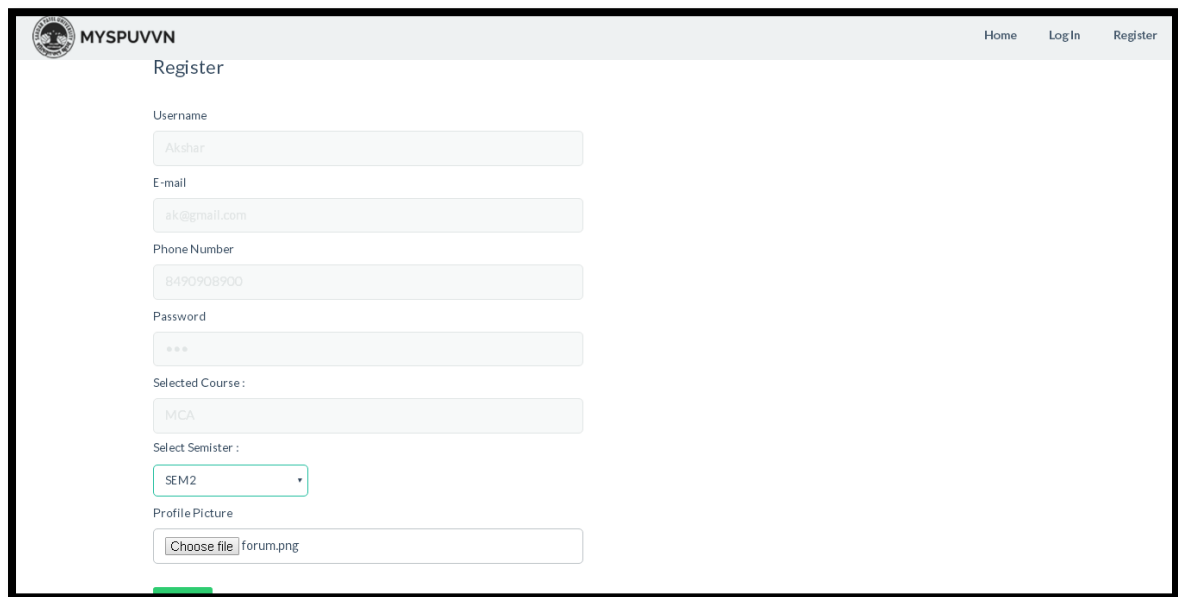


The screenshot displays the login interface for the MYSPUVVN Forum. At the top left is the MYSPUVVN logo, and at the top right are navigation links for Home, Log In, and Register. The main heading is 'FORUM' in large, colorful, block letters. Below this, the text 'Log In' is displayed. The login form consists of two input fields: 'Username' with the text 'Roman' entered, and 'Password' with three dots indicating a masked password. A green 'Log In' button is positioned below the password field.

User will Login on after giving correct Username Password.



## (ii)User Register:

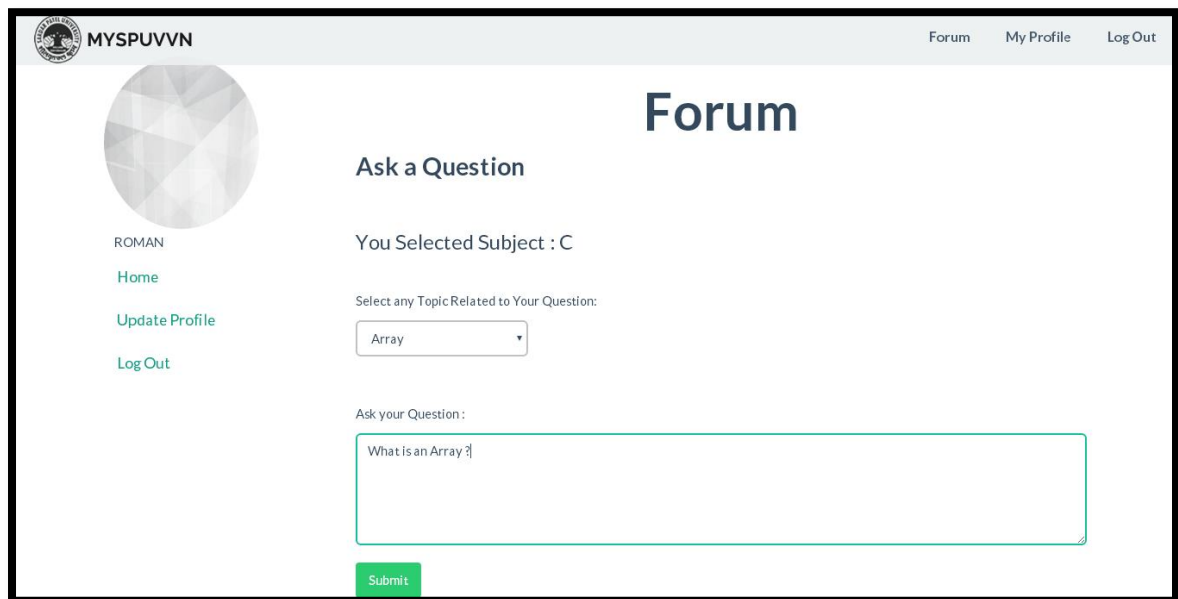


The screenshot shows a web browser window with the URL "MYSPUVVN" in the address bar. The page title is "Register". The navigation bar includes links for "Home", "Log In", and "Register". The registration form contains the following fields:

- Username:** A text input field containing "Akshar".
- E-mail:** A text input field containing "ak@gmail.com".
- Phone Number:** A text input field containing "8490908900".
- Password:** A text input field containing "\*\*\*".
- Selected Course:** A text input field containing "MCA".
- Select Semester:** A dropdown menu with "SEM2" selected.
- Profile Picture:** A file upload button labeled "Choose file" with the filename "forum.png" displayed next to it.

User can Register on This Page.

### (iii)User: Ask Question :



MYSPUVVN

Forum My Profile Log Out

ROMAN

[Home](#)

[Update Profile](#)

[Log Out](#)

## Forum

### Ask a Question

You Selected Subject : C

Select any Topic Related to Your Question:

Array

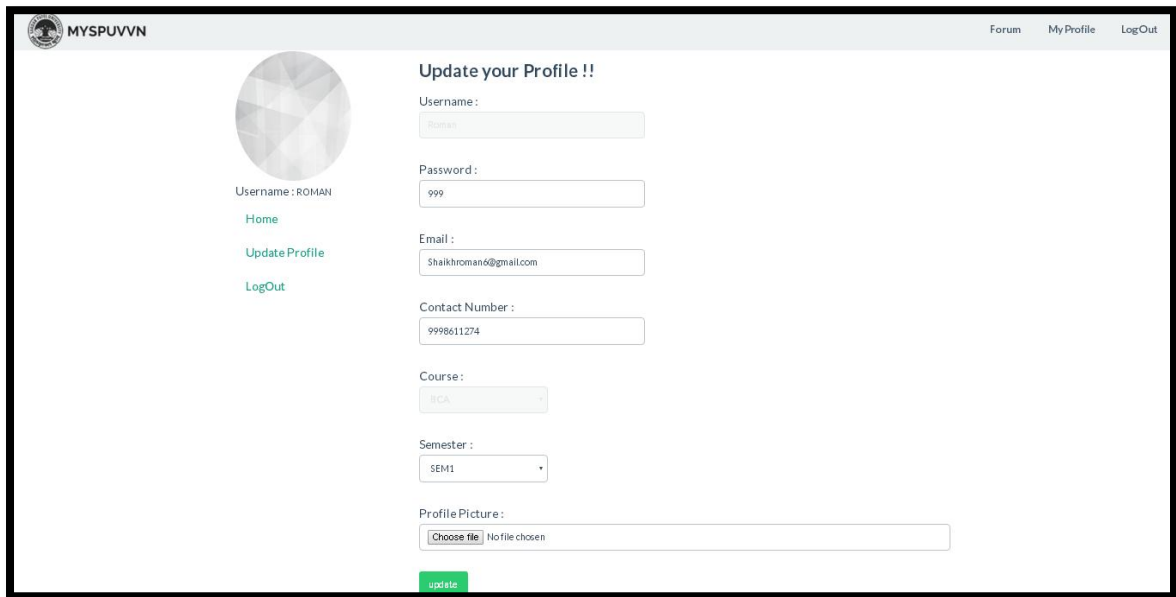
Ask your Question :

What is an Array ?

Submit

Here User can ask a Question.

### (iii)User: Update Profile:



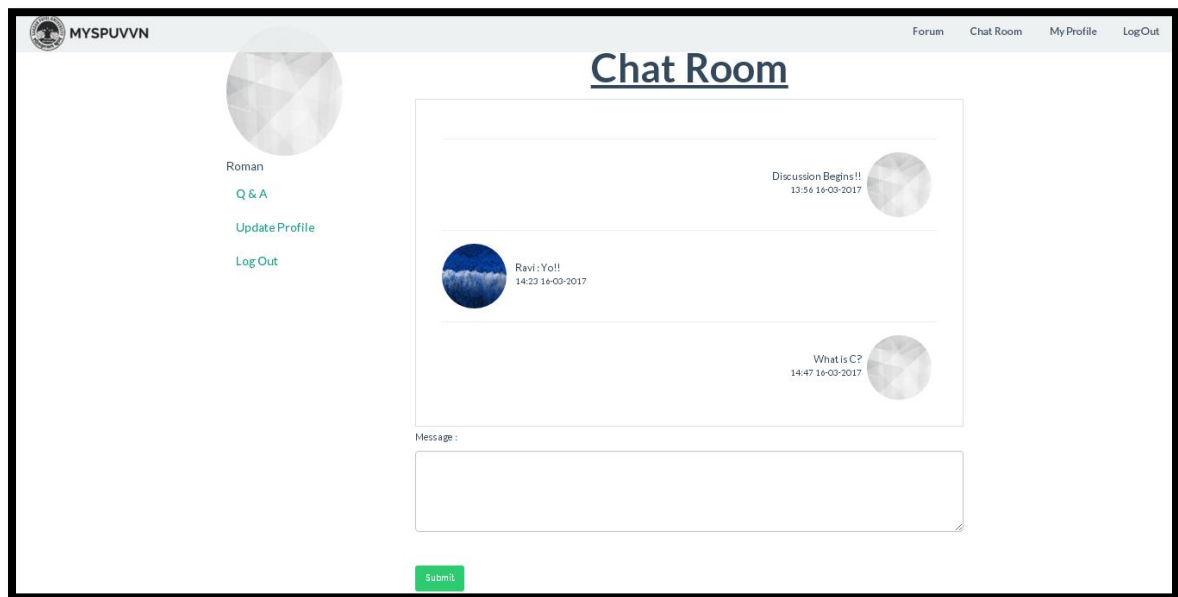
The screenshot shows a web application interface for updating a user profile. The header includes the logo 'MYSUVVN' and navigation links 'Forum', 'My Profile', and 'LogOut'. The main content area is titled 'Update your Profile !!'. On the left, there is a circular profile picture placeholder and a sidebar with links: 'Home', 'Update Profile', and 'LogOut'. The main form contains the following fields:

- Username:
- Password:
- Email:
- Contact Number:
- Course:
- Semester:
- Profile Picture:  No file chosen

A green 'update' button is located at the bottom of the form.

Here User can Update His Profile.

#### (iv)User: Group Chat:



Here user can Chat in a Group in which All Registered Students can Share Things.

## DESIGN OF OUTPUT SCREEN


### ADMIN PANEL:

#### (i)Admin Forum :

The screenshot displays the MYSPUVVN Admin Forum interface. At the top, there is a navigation bar with links for Home, My Rights, My Profile, and Log Out. The main header features the MYSPUVVN logo and the word 'Forum'. On the left side, a sidebar shows the user's role as ADMIN, along with links for Update Profile and Log Out. The central area contains a 'Question' section with the text 'what is String?' and a 'PRINT REPORT' button. Below this, the 'Replies' section shows a reply from 'admin' stating 'String is a DataType' with a red 'X' icon, and a timestamp 'Replied on : 22-02-2017 13:04:43'. At the bottom, there is a 'Give Your Reply' section with a text input field containing the text 'String is a Collection of Character Array.....' and a 'Submit' button.

On this Page Admin can delete Unnecessary Replies.

## (ii)Admin Home:

 MYSPUVVN

HomeMy RightsMy ProfileLog Out

# Welcome Admin ..!!

ADMIN  
Update Profile  
Log Out


List of Courses : [PRINT REPORT](#)

UG-Courses:

No.	Course Name	Total Students
1	BCA	4

PG-Courses:

No.	Course Name	Total Students
1	MCA	1


 MYSPUVVN	No.	Course Name	Total Students	Home	My Rights	My Profile	Log Out
	1	MCA	0				

### List of Students :

No.	Name.	Course
1	Roman	BCA
2	Ravi	BCA
3	shaggy	BCA
4	RP	BCA

### List of Questions :

No.	Question.	Course	Semester	Check Replies
1	what is String?	BCA	SEM1	<input checked="" type="checkbox"/>
2	what is the Full form of DE ?	BCA	SEM1	<input checked="" type="checkbox"/>


**MYSPUVVN**

No.	Course Name	Total Students
1	MCA	0

[Home](#)
[My Rights](#)
[My Profile](#)
[Log Out](#)

**List of Students :**


No.	Name.	Course
1	Roman	BCA
2	Ravi	BCA
3	shaggy	BCA
4	RP	BCA

**List of Questions :**

No.	Question.	Course	Semester	Check Replies
1	what is String?	BCA	SEM1	<input checked="" type="checkbox"/>
2	what is the Full form of DE ?	BCA	SEM1	<input checked="" type="checkbox"/>

Here user gets all the details of Forum. I.e. No of Students, Questions, Courses, Admins

### (iii) Admin Profile:



MYS PUVVN

Home

My Rights

My Profile

Log Out

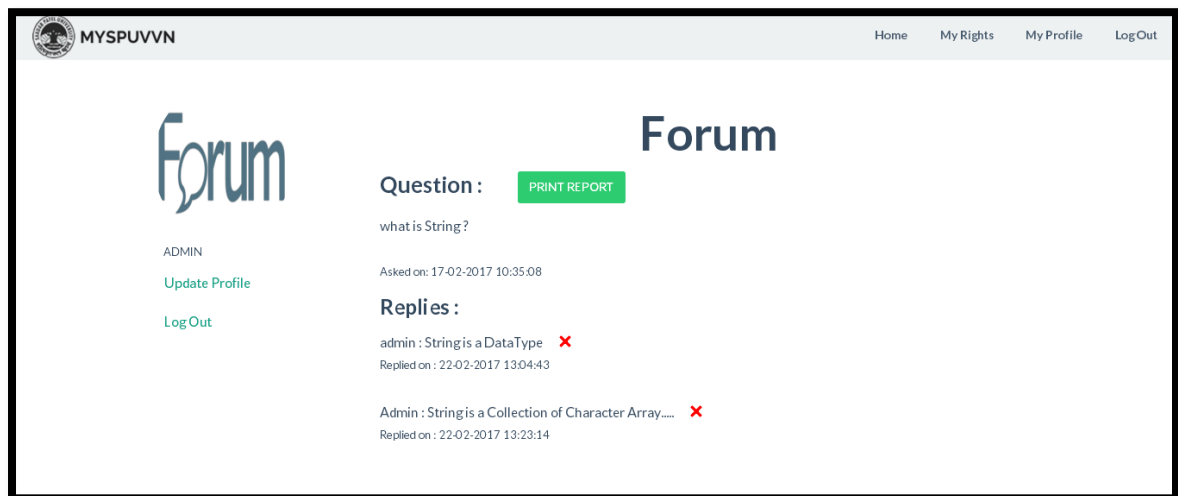
Name :	ADMIN
Occupation :	Admin
Under-Graduate Courses :	BCA ,
Post-Graduate Courses :	MCA ,
Total Students :	4
Total Questions :	2

NO.	Suggestion.	Suggestioner	Delete
1	Ravi is ____.	Roman	<a href="#">Delete</a>
2	wht is php ?	shaggy	<a href="#">Delete</a>

Here Admin gets his Profile and Suggestions given by the Users.

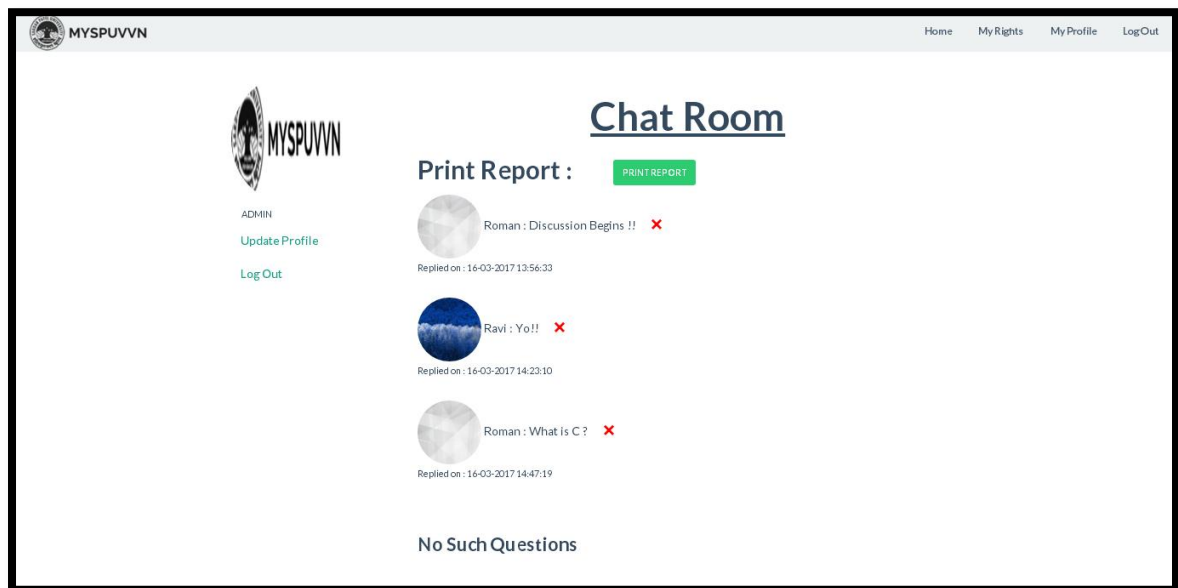


#### (iv) Admin Print Report:



Here Admin can print the Q & A Forum as Report.

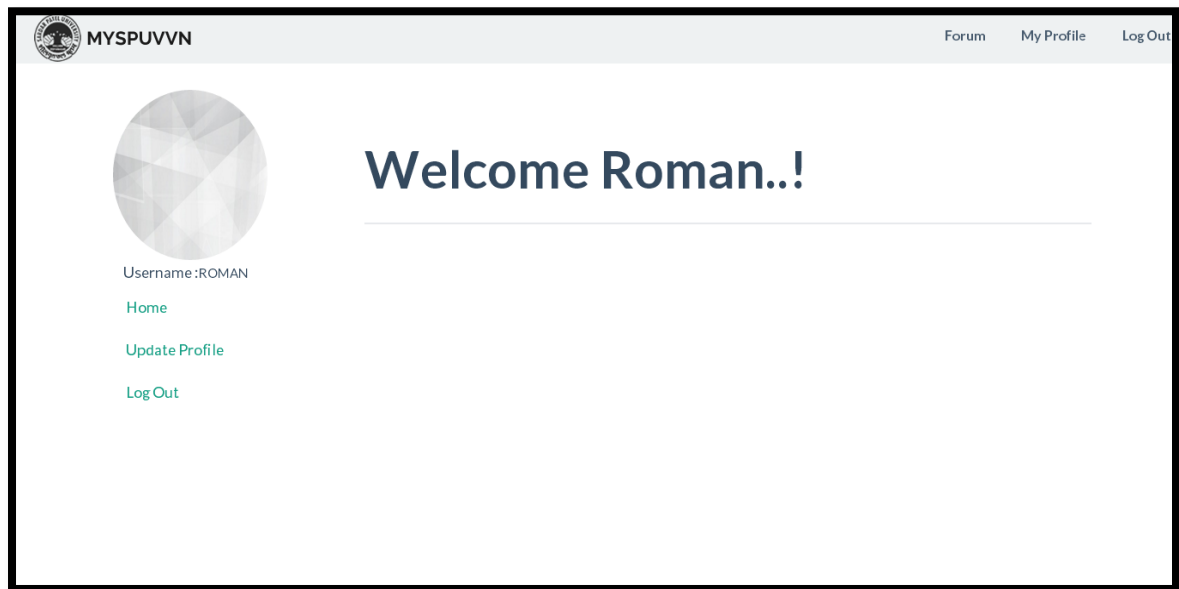
### (v) Admin: Group Chat & Print Report:



Here Admin can Delete Unnecessary Messages and Print the Report of Chat Room.


## CLIENT SIDE :


### (i) User: Home:



User will Appear on this Page After Log In



(iii) **User: Profile:**

 MYSPUVVN Forum My Profile Log Out



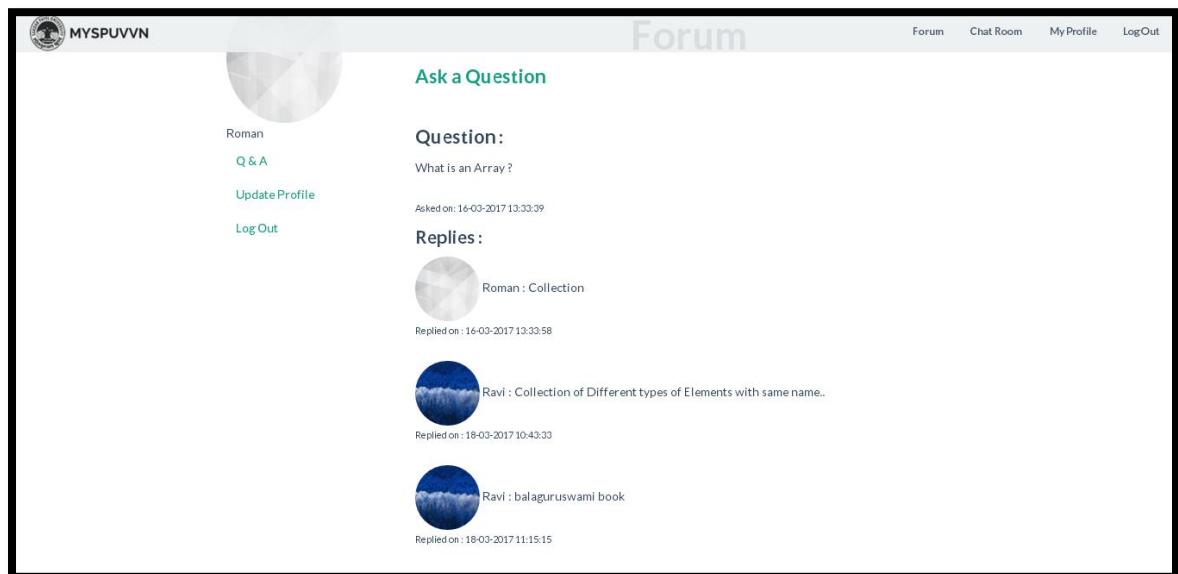
Name: Roman  
Course: BCA  
Semester: SEM1  
Total Question Asked : 1

Your Questions

Q.no	Question Subject	Check Replies	Delete
1	DE		

On this Page User will Get his Details and the Questions he Asked in the Forum.

## (i) User: Forum:



Here User will Get the Answer of his Question or Give Answer of Question Asked by Other Students.

## **TESTING PROCEDURE AND IMPLEMENTATION PROCESS**

System testing is done to verify that the system provides the correct output according to the input provided and works according to the user's requirements.

This is done in the following steps:

1. Module Testing.
2. Integrated Testing.
3. System Testing.

### **1) Module Testing:**

During the development stage, supplying its individual test data and the output of each test verified tested each module. Test cases were taken in a way that it would cover all the possibilities of the transactions or procedures. The modules that depend on other sub modules were tested after the successful testing of sub modules.

### **2) Integrated Testing:**

After ensuring the successful execution of each module separately, all the modules were combined together to form different sub systems and checked for logical and syntactical errors. Here each and every sub system formed is tested separately with the test data that cover all the possibilities. This is done because all the modules might be working properly but when they are combined and have to interact with each other then problem may occur. Data might be lost; one module might have an adverse effect on another and so on. This is why the integrated testing is performed.

The integrated testing was divided into the following points:

1. User Interaction
2. Command Selection
3. Displaying Menu
4. Validation of entered data.
5. Updating of master information and adding, modifying and listing
6. Transaction processing

### 3) **System Testing:**

After the completion of the integrated testing successfully, all the sub system is combines together to form a whole system. This system tested using test data. This test data are manually process and then its results are compared with those of the system. During testing some errors detected, this were rectified and corrected in system.

After successful testing of the system with test data the system tested using live data. To implement the system simultaneous working of manual system and computerized system is going on with live data using which the system is checking thoroughly and made ready for final implementation.

## **LIMITATION**

- Video Chat is Not Available.
- Maximum File Upload is Unknown.
- Personal Messages are Not Available.



## **PROPOSED ENHANCEMENT**

- Material Download - Students will Download Materials on Forum.
- User can Share Documents, Videos , Etc.
- Online Video Tutorials.
- Personal Chat.

## **CONCLUSION**

- ✦ From a proper analysis of positive points and constraints on the component, it can be concluded that the website is a highly efficient thing.
- ✦ Here about us facility provide by this website, so end-user can also send any query using query form that send to Admin.

## **BIBLIOGRAPHY**

<b>SR. NO</b>	<b>Book Name</b>	<b>Author Name</b>	<b>Publisher</b>
1	PHP, MySQL, JavaScript & HTML5 All-in-One For Dummies	Steve Suehring and Janet Valade	Wiley

✓ W3schools.org