VIT®
Vellore Institute of Technology
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School of Computer Science and Engineering
VIT Chennai
Vandalur - Kelambakkam Road, Chennai - 600 127

J - Final Review Report

Programme: B. Tech CSE

Course Code: CSE3002

Course Name: Internet and Web Programming

Slot: A2

Faculty: Premalatha M

Title: QUIZ A THON

V R LENIN VASAN – 20BCE1892

Abstract

QUIZ A THON allows you to participate in quizzes available in the website designed and later in which you can see your individual score of whatever quiz you have participated and also you can see the ranking of you and your friends who have also taken part in the quiz. When you attend the quiz the marking scheme is +3 and -1 for correct answer and wring answer respectively. Later if you feel any question seems to be wrong, you can take the screenshot of that question and upload that in the file upload section.

Whereas, the admin can view all the details of the users who have registered in this website and can also view whatever quizzes the user has participated and also can view the history of the users and the complete rankings of all the users.

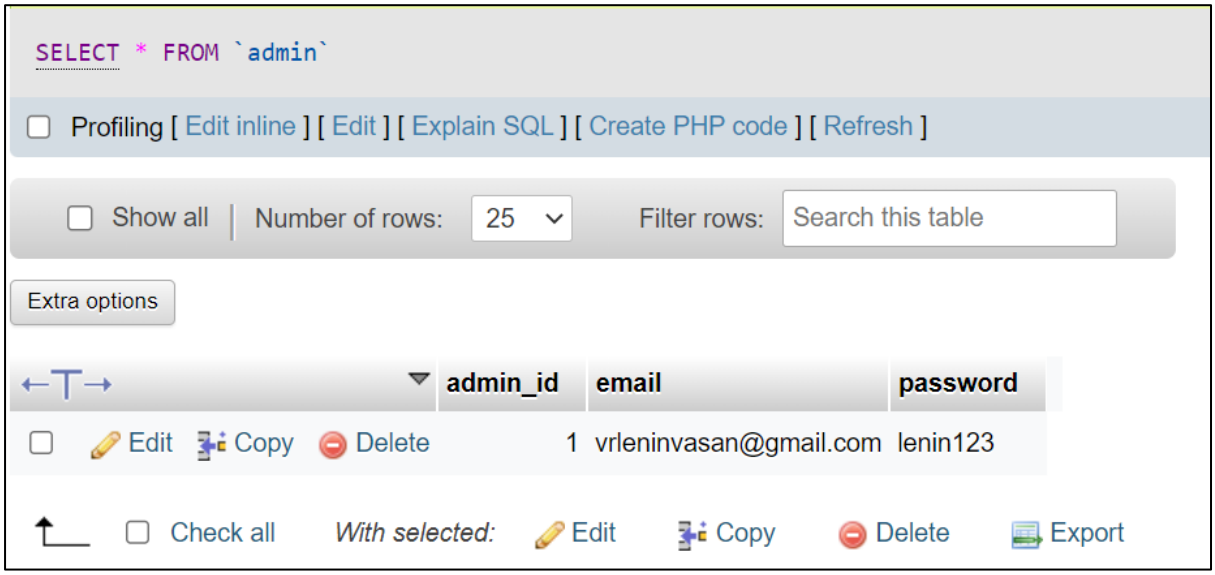
Introduction
[Brief explanation about the project]

1. Introduction:

The main aim of this project is to develop a competitive environment where the users can explore their knowledge on various subjects through attending quizzes individually or with friends.

2. Data Set Description:

1. Admin database
   It contains - 1 row and 3 columns
   The details used in this database are:
   i. Admin id
   ii. Admin mail id
   iii. Admin password



2. Answer database

   It contains - 22 rows and 2 columns

   The details used in this database are:

   i. Questions id

   ii. Answers id

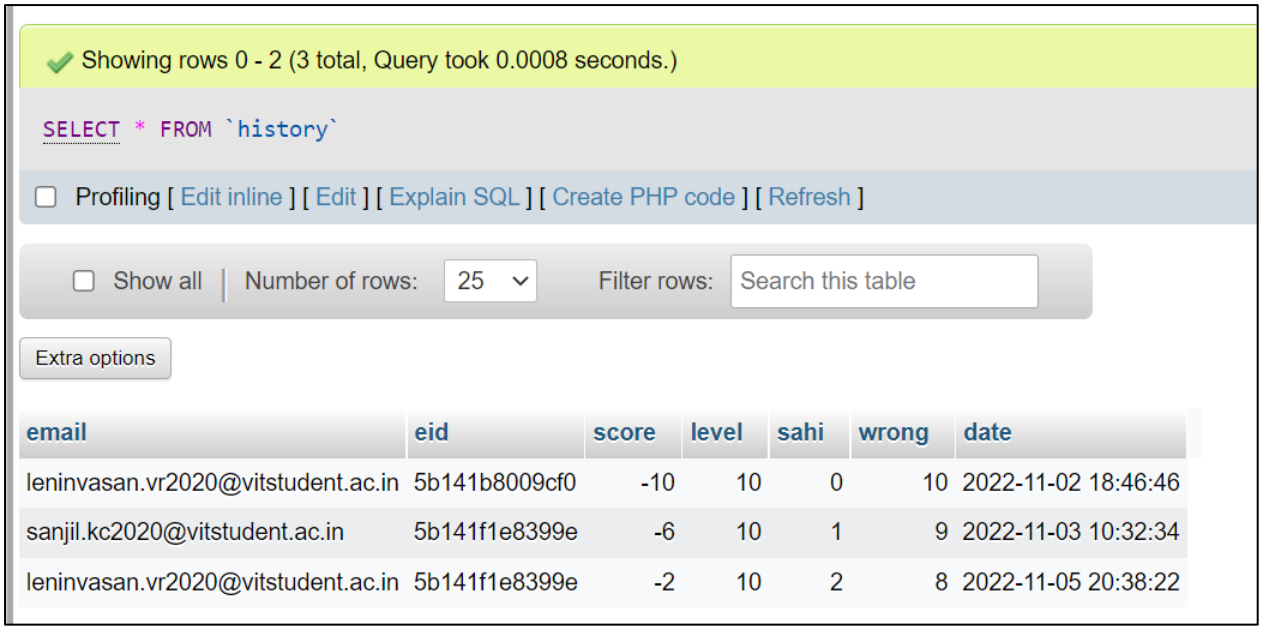
qid	ansid
5b13ed3a6e006	5b13ed3a9436a
5b13ed72489d8	5b13ed7263d70
5b141d712647f	5b141d71485b9
5b141d718f873	5b141d71978be
5b141d71ddb46	5b141d71e5f43
5b141d721a738	5b141d7222884
5b141d7260b7d	5b141d7268b9a
5b141d72a6fa1	5b141d72aefcb
5b141d72d7a1c	5b141d72dfa7b
5b141d731429b	5b141d731c234
5b141d7345176	5b141d734cd1b
5b141d737ddfc	5b141d73858df
5b1422651fdde	5b1422654ab51
5b14226574ed5	5b1422657d064
5b142265b5d08	5b142265c09f5
5b1422661d93f	5b14226635e0d
5b14226663cf4	5b1422666bf2b
5b1422669481b	5b1422669c8ea
5b142266c525c	5b142266cd369
5b14226711d91	5b14226719fb1
5b1422674286d	5b1422674a9ee
5b1422677371f	5b1422677b3fc

3. History database

   It contains - 3 rows and 7 columns

   The details used in this database are:

   i. Mail id
   ii. Unique id
   iii. Score of each person's quiz
   iv. Level
   v. No. of right answers
   vi. No. of wrong answers
   vii. Date of the quiz



email	eid	score	level	sahi	wrong	date
leninvasan.vr2020@vitstudent.ac.in	5b141b8009cf0	-10	10	0	10	2022-11-02 18:46:46
sanjil.kc2020@vitstudent.ac.in	5b141f1e8399e	-6	10	1	9	2022-11-03 10:32:34
leninvasan.vr2020@vitstudent.ac.in	5b141f1e8399e	-2	10	2	8	2022-11-05 20:38:22

4. Options database

   It contains - 25 rows and 3 columns

   The details used in this database are:

   i. Question id
   ii. Options
   iii. Option id

qid	option	optionid
5b13ed3a6e006	sdb	5b13ed3a9436a
5b13ed3a6e006	jsdb	5b13ed3a94374
5b13ed3a6e006	dsbv	5b13ed3a94377
5b13ed3a6e006	jbdv	5b13ed3a94379
5b13ed72489d8	vsdv	5b13ed7263d70
5b13ed72489d8	vsdv	5b13ed7263d7a
5b13ed72489d8	vsdv	5b13ed7263d7d
5b13ed72489d8	vsdv	5b13ed7263d80
5b141d712647f	Personal Home Page	5b141d71485b9
5b141d712647f	Private Home Page	5b141d71485dc
5b141d712647f	Pretext Hypertext Processor	5b141d71485e0
5b141d712647f	Preprocessor Home Page	5b141d71485e4
5b141d718f873	Rasmus Lerdorf	5b141d71978be
5b141d718f873	Willam Makepiece	5b141d71978cc
5b141d718f873	Drek Kolkevi	5b141d71978d1
5b141d718f873	List Barely	5b141d71978d4
5b141d71ddb46	.html	5b141d71e5f2b
5b141d71ddb46	.ph	5b141d71e5f3c
5b141d71ddb46	.php	5b141d71e5f43
5b141d71ddb46	.xml	5b141d71e5f48
5b141d721a738	for loop	5b141d7222820
5b141d721a738	do-while loop	5b141d722282f
5b141d721a738	foreach loop	5b141d7222880
5b141d721a738	All of the above	5b141d7222884
5b141d7260b7d	echo (â€œHello Worldâ€□);	5b141d7268b8a

5. Question database

   It contains – 22 rows and 5 columns

   The details used in this database are:

   i. Unique id
   ii. Question id
   iii. Question answer
   iv. Choice
   v. Solution

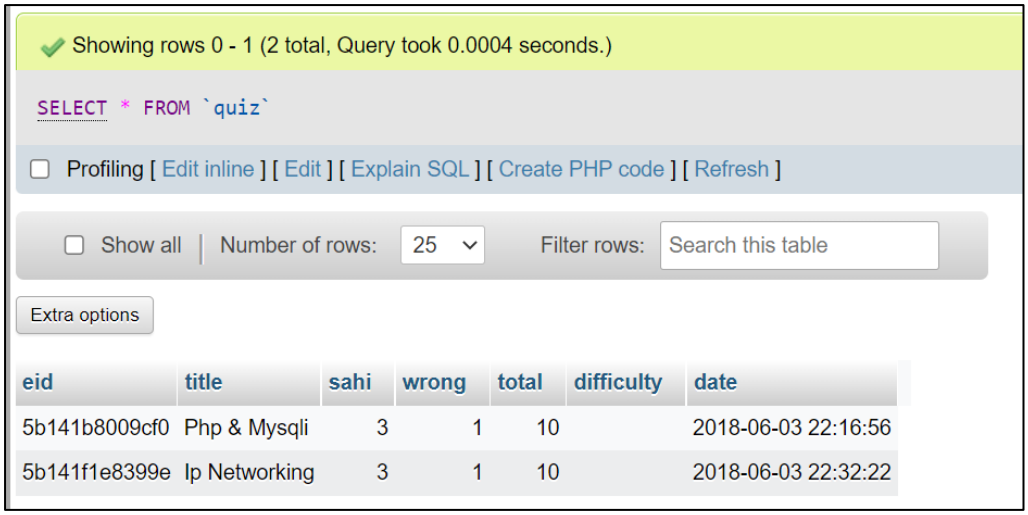
eid	qid	qns	choice	sn
5b13ed30cd71f	5b13ed3a6e006	dbjb	4	1
5b13ed6bb8bcd	5b13ed72489d8	dvsd	4	1
5b141b8009cf0	5b141d712647f	What does PHP stand for?	4	1
5b141b8009cf0	5b141d718f873	Who is the father of PHP?	4	2
5b141b8009cf0	5b141d71ddb46	PHP files have a default file extension of.	4	3
5b141b8009cf0	5b141d721a738	Which of the looping statements is/are supported b...	4	4
5b141b8009cf0	5b141d7260b7d	Which of the following PHP statements will output ...	4	5
5b141b8009cf0	5b141d72a6fa1	Which one of the following function is capable of ...	4	6
5b141b8009cf0	5b141d72d7a1c	A function in PHP which starts with __ (double und...	4	7
5b141b8009cf0	5b141d731429b	Which one of the following statements is used to c...	4	8
5b141b8009cf0	5b141d7345176	Which of the methods are used to manage result set...	4	9
5b141b8009cf0	5b141d737ddfc	Which one of the following functions can be used t...	4	10
5b141f1e8399e	5b1422651fdde	How long is an IPv6 address?	4	1
5b141f1e8399e	5b14226574ed5	Which protocol does DHCP use at the Transport laye...	4	2
5b141f1e8399e	5b142265b5d08	Where is a hub specified in the OSI model?	4	3
5b141f1e8399e	5b1422661d93f	Which of the following is private IP address?	4	4
5b141f1e8399e	5b14226663cf4	If you use either Telnet or FTP, which is the high...	4	5
5b141f1e8399e	5b1422669481b	Which of the following is a layer 2 protocol used ...	4	6
5b141f1e8399e	5b142266c525c	What is the maximum number of IP addresses that ca...	4	7
5b141f1e8399e	5b14226711d91	You need to subnet a network that has 5 subnets, e...	4	8
5b141f1e8399e	5b1422674286d	You have an interface on a router with the IP addr...	4	9
5b141f1e8399e	5b1422677371f	To test the IP stack on your local host, which IP ...	4	10

6. Quiz database

   It contains – 3 rows and 7 columns

   The details used in this database are:

   i. Unique id
   ii. Title
   iii. Mark for right answer
   iv. Marks for wrong answer
   v. Total questions
   vi. Difficulty level
   vii. Date of quiz



Showing rows 0 - 1 (2 total, Query took 0.0004 seconds.)

```
SELECT * FROM `quiz`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table

Extra options

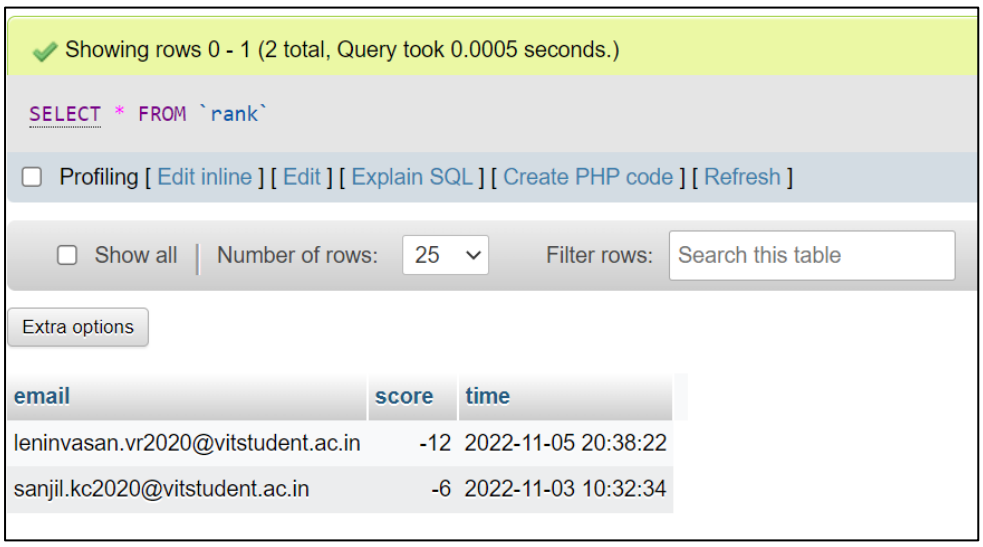
eid	title	sahi	wrong	total	difficulty	date
5b141b8009cf0	Php & Mysqli	3	1	10		2018-06-03 22:16:56
5b141f1e8399e	Ip Networking	3	1	10		2018-06-03 22:32:22

7. Rank database

   It contains 2 rows and 3 columns

   The details used in this database are:

   i. Unique id
   ii. Score of each quiz
   iii. Time of quiz attempted



Showing rows 0 - 1 (2 total, Query took 0.0005 seconds.)

```
SELECT * FROM `rank`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table

Extra options

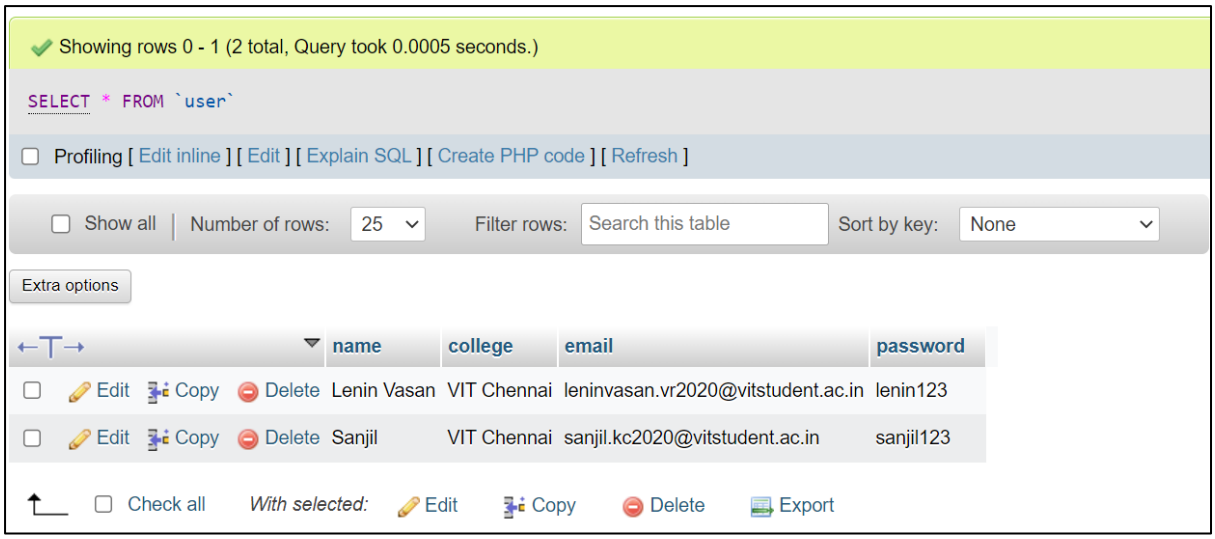
email	score	time
leninvasan.vr2020@vitstudent.ac.in	-12	2022-11-05 20:38:22
sanjil.kc2020@vitstudent.ac.in	-6	2022-11-03 10:32:34

8. User database

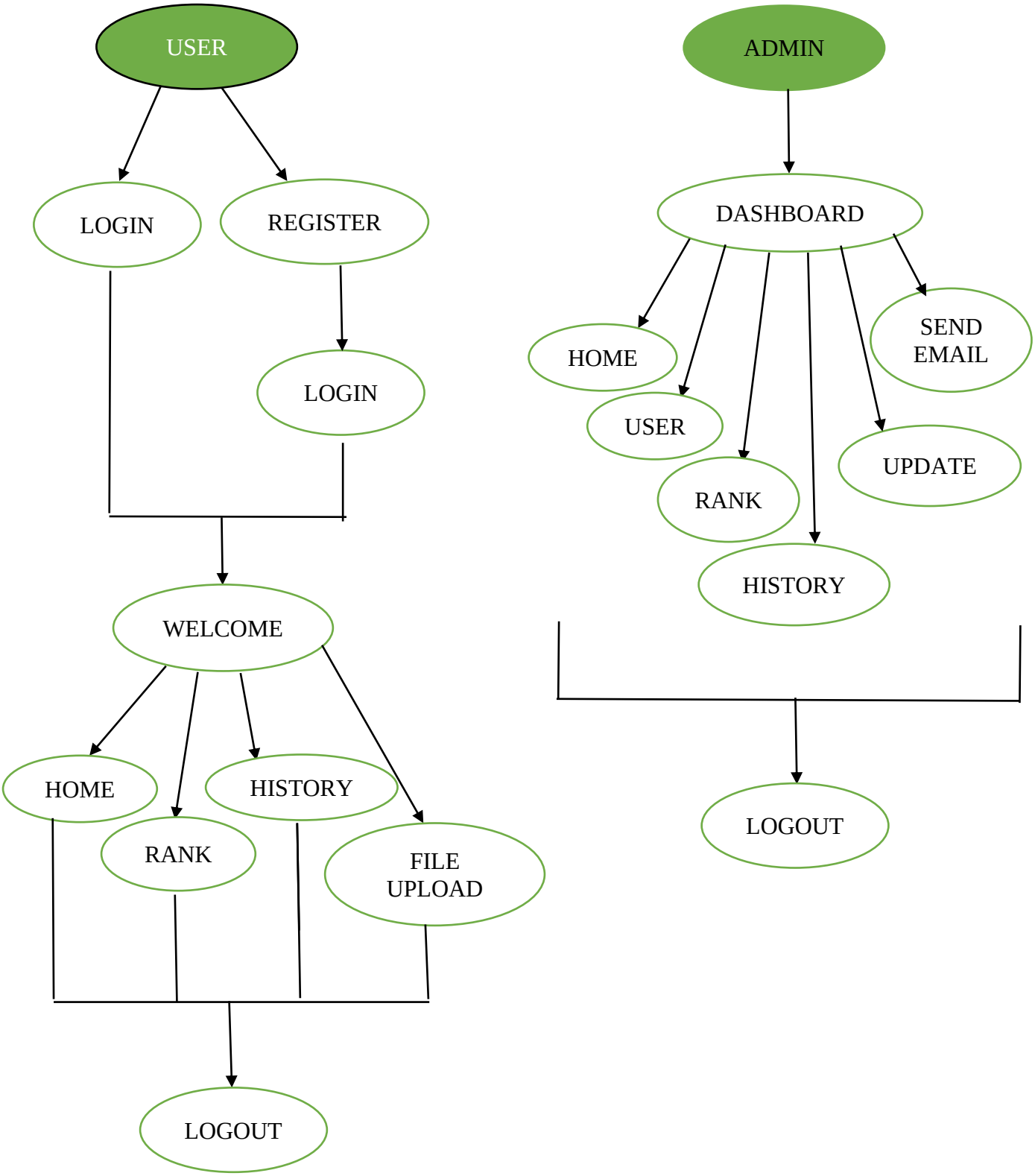
   It contains 2 rows and 4 columns

   The details used in this database are:

   i. Name of user
   ii. College name
   iii. Unique id
   iv. User password



3. Data Flow Diagram:



Implementation
[Explain the logic behind the working model]

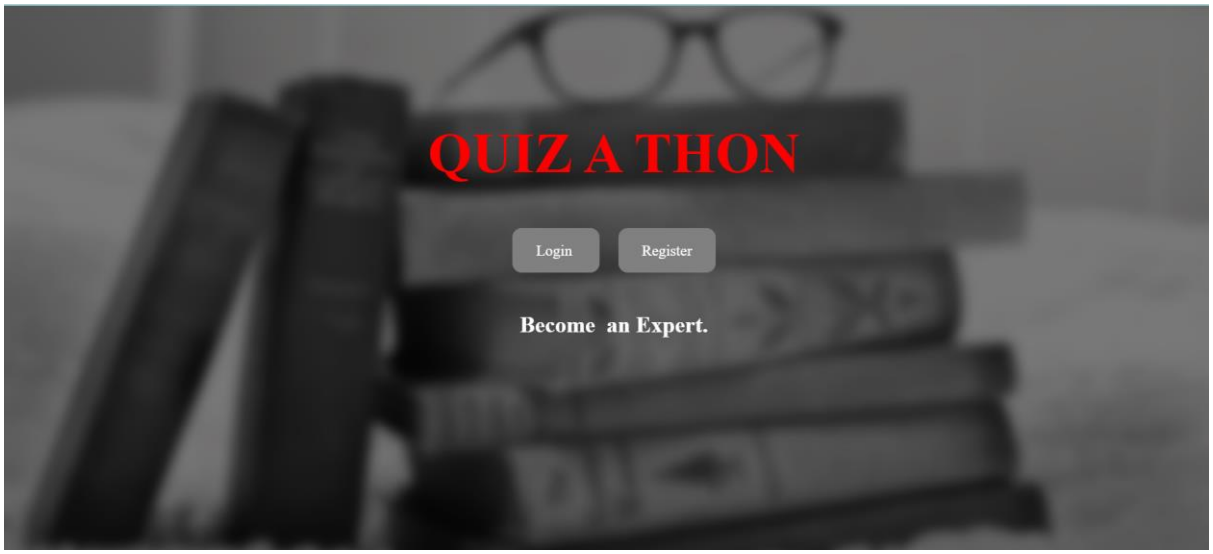
4. System Requirements: [Specify the hardware and software requirements]

Software Requirements:

i. Frontend: HTML, CSS and JavaScript.
ii. Backend: PHP and MYSQL.
iii. Server: XAMPP server.

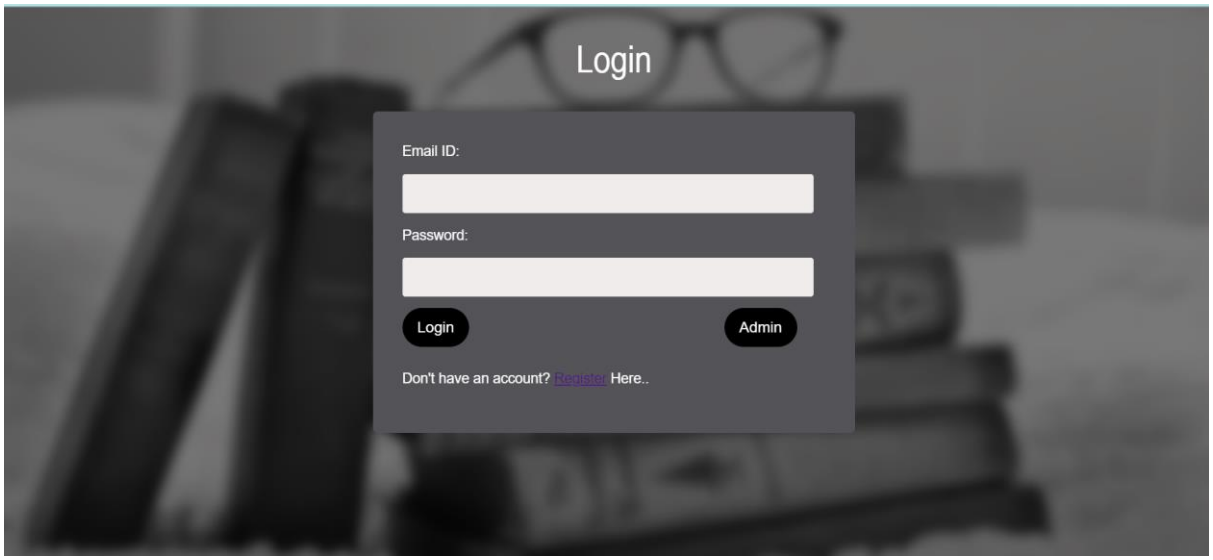
5. Implementation

QUIZ Front Page

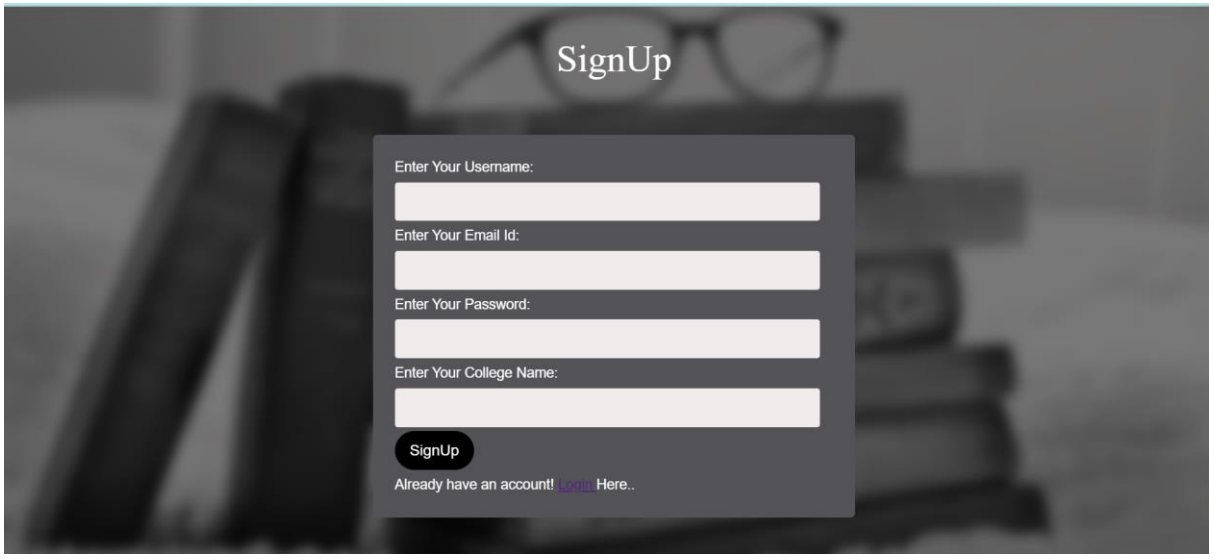


- LOGIN MODULE: This is where the user can login using their account.
    1. The user can enter their username and password to login.
    2. If the user is new, they can create their new account.

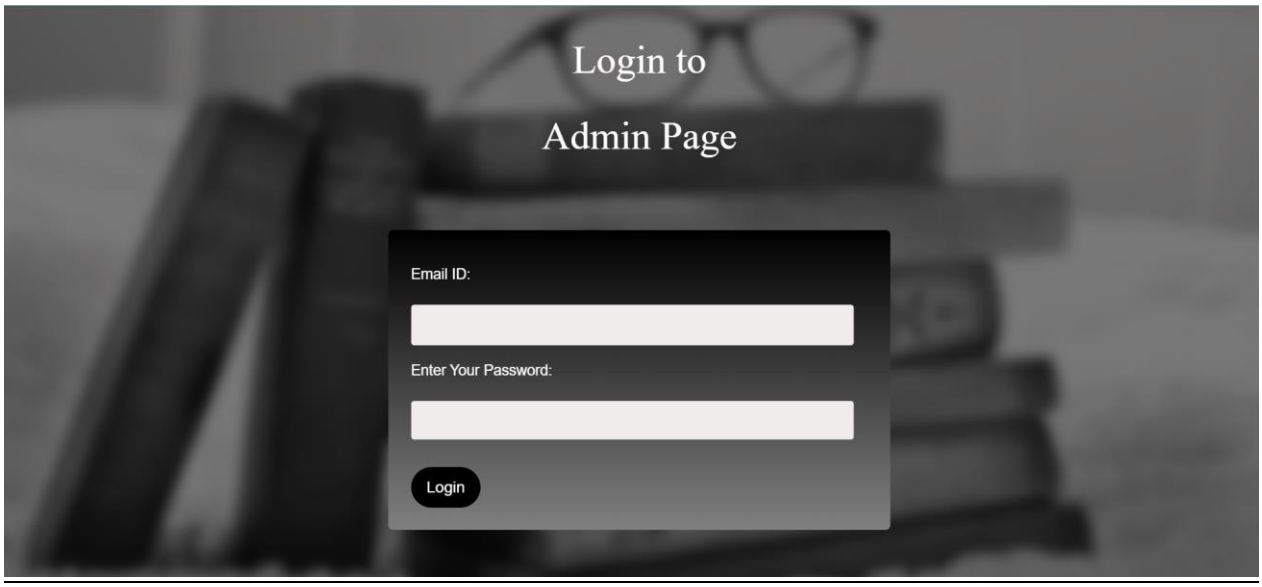
User login



User Sign Up

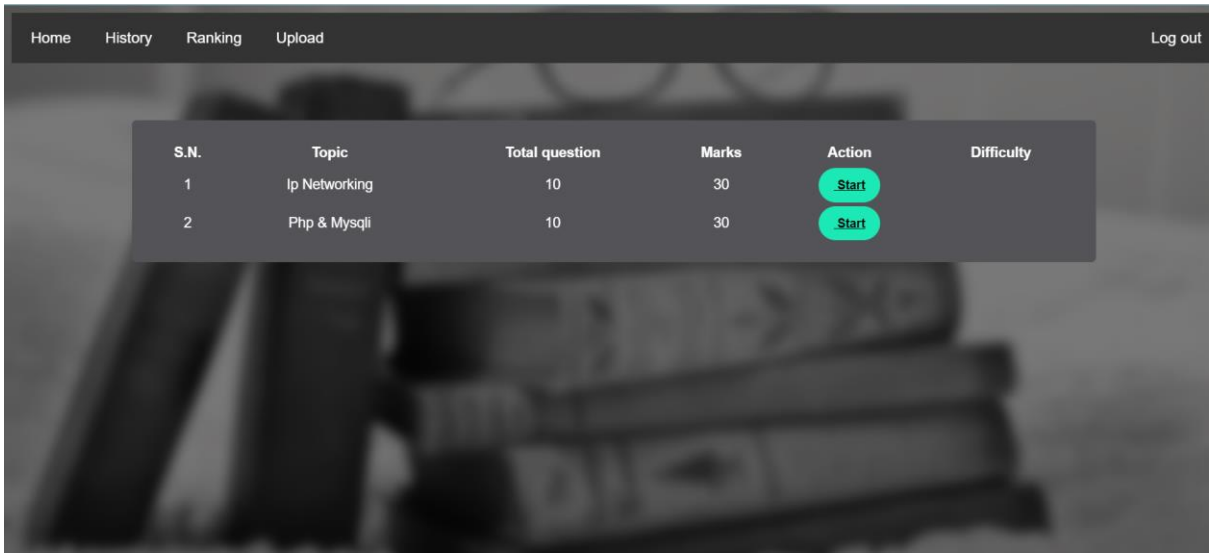


Admin Login

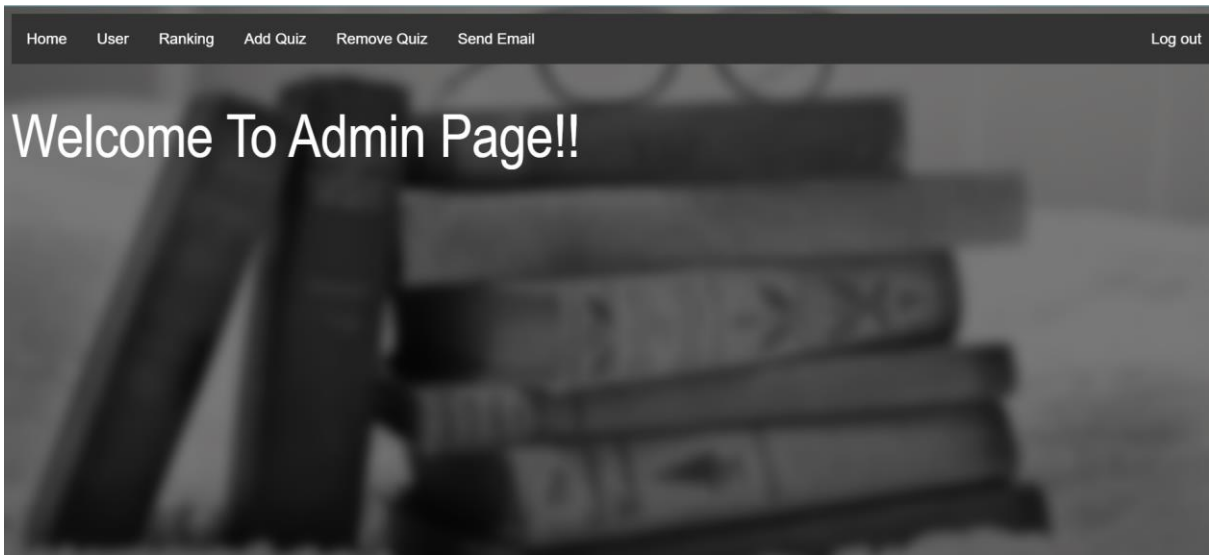


- MY PROFILE MODULE: The main aim of this module is to update and display the details of the user.
    1. The user can update their name, avatar and other details.
    2. The user can modify the theme of the webpage.
    3. Admin will be able to delete the profile of the user.

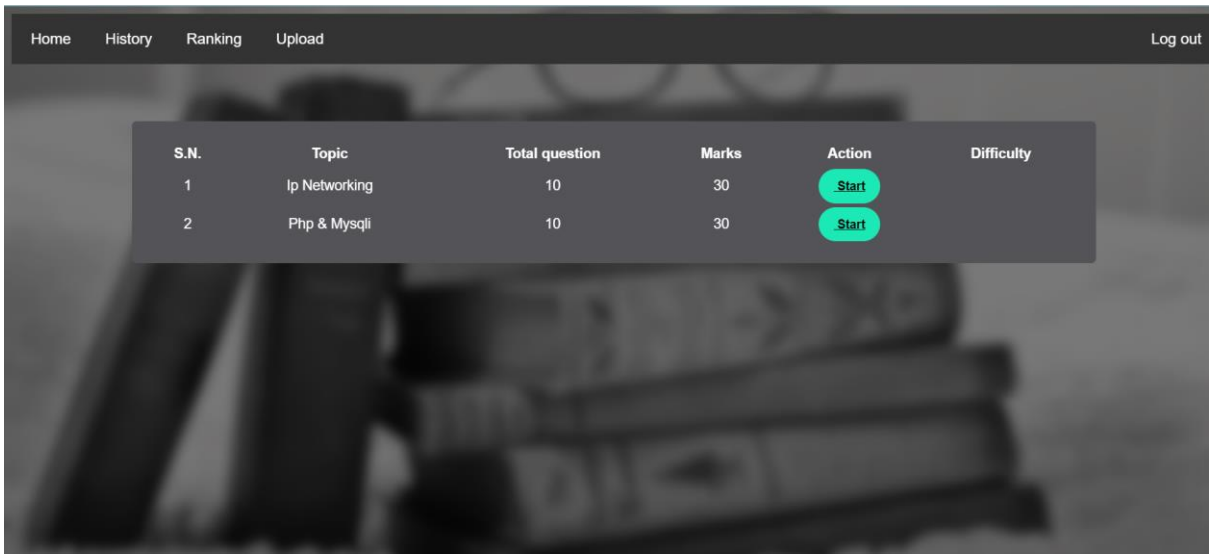
User home page



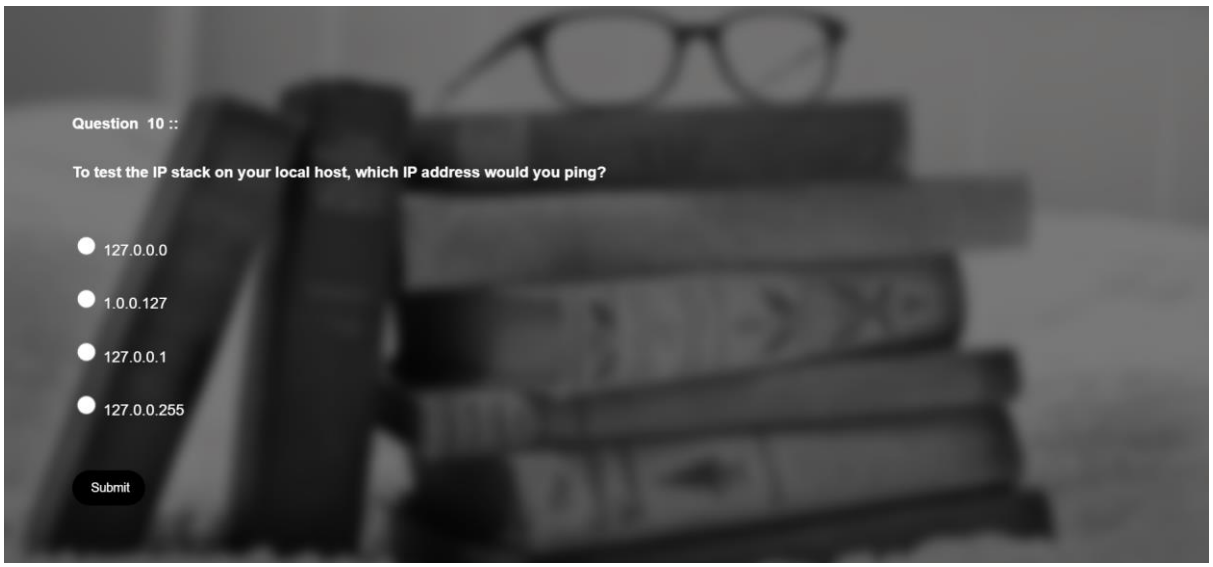
Admin Home page



- ATTEND QUIZ MODULE: This module allows the user to attend the quiz type selected in the previous module. The level of difficulty of the quiz will increase as the user proceeds.
    1. The level of difficulties are Beginners, Intermediate and Advanced.
    2. In individual mode, the user will select the number of questions and the time limit to complete the quiz.
    3. In multiplayer mode, the system will generate a random code and the user can join the quiz room by entering the code.
    4. In personalized mode, the user can create their own questions and share the link with other users.

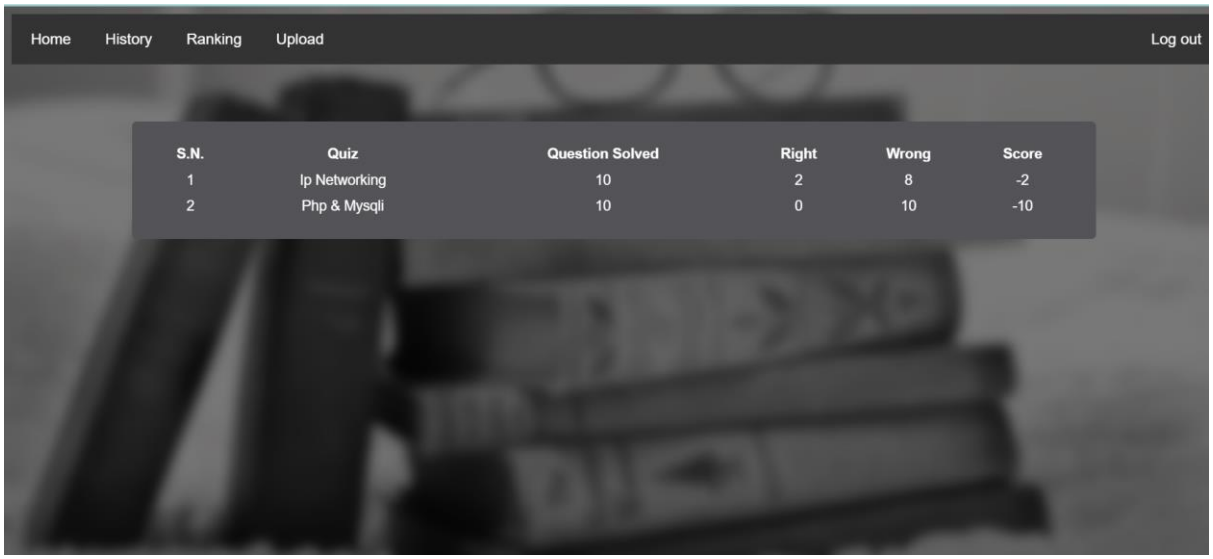


- THE QUIZ PLATFORM: This module allows the user to take up the quiz.
    1. The questions are displayed with options and the user can select one among them.
    2. The timer is set when the quiz starts
    3. In multiplayer mode, the teammates can chat with each other.
    4. Once after the quiz is completed, the user can submit to view the results.

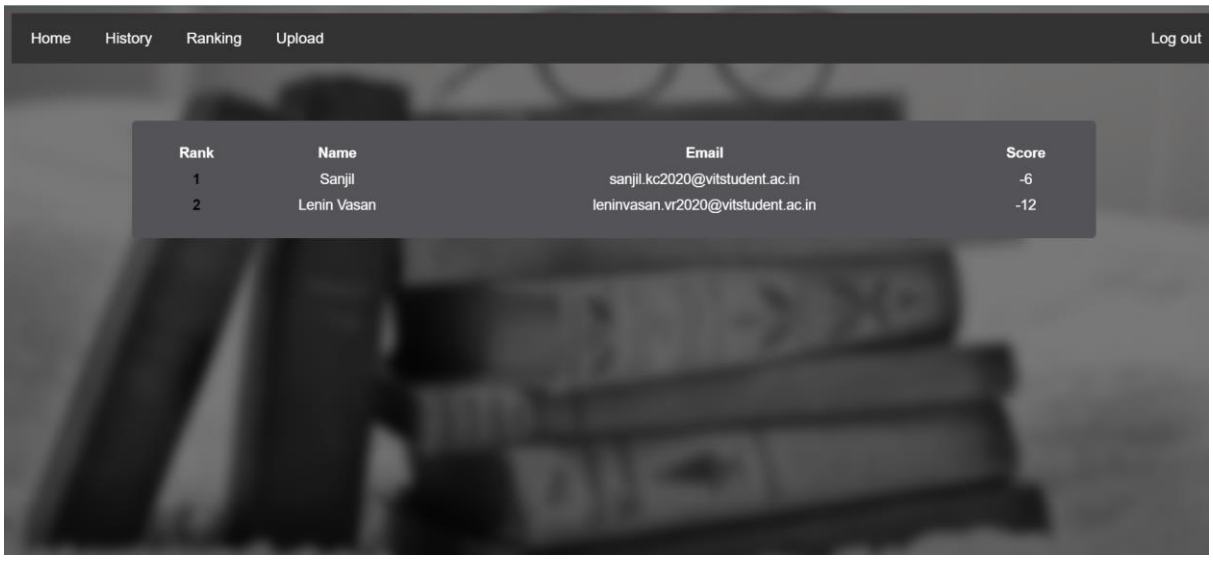


- RESULTS MODULE: This module displays the final result after the quiz is over
    1. The user can view their marks after the quiz is completed.
    2. In multiplayer mode, the winning team will be displayed along with the marks.

History module

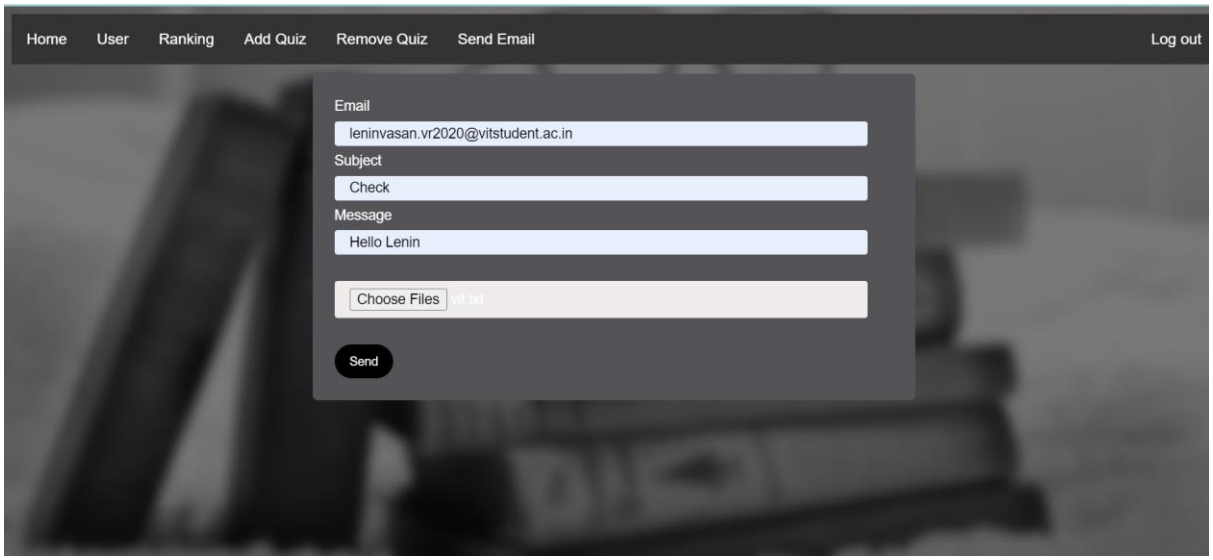


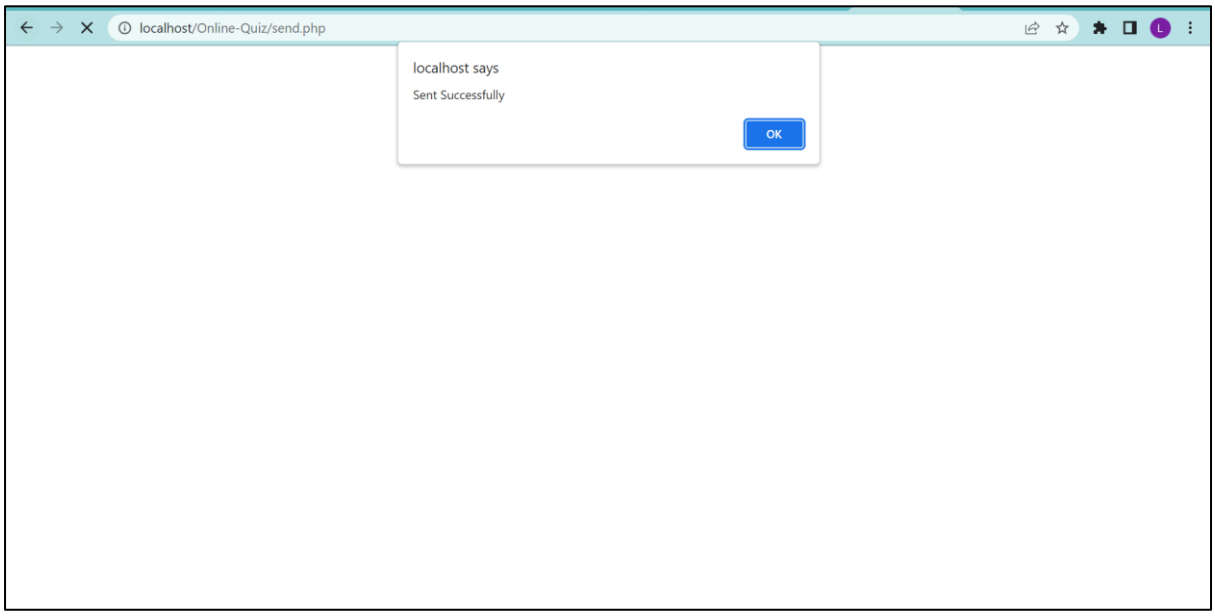
Ranking module



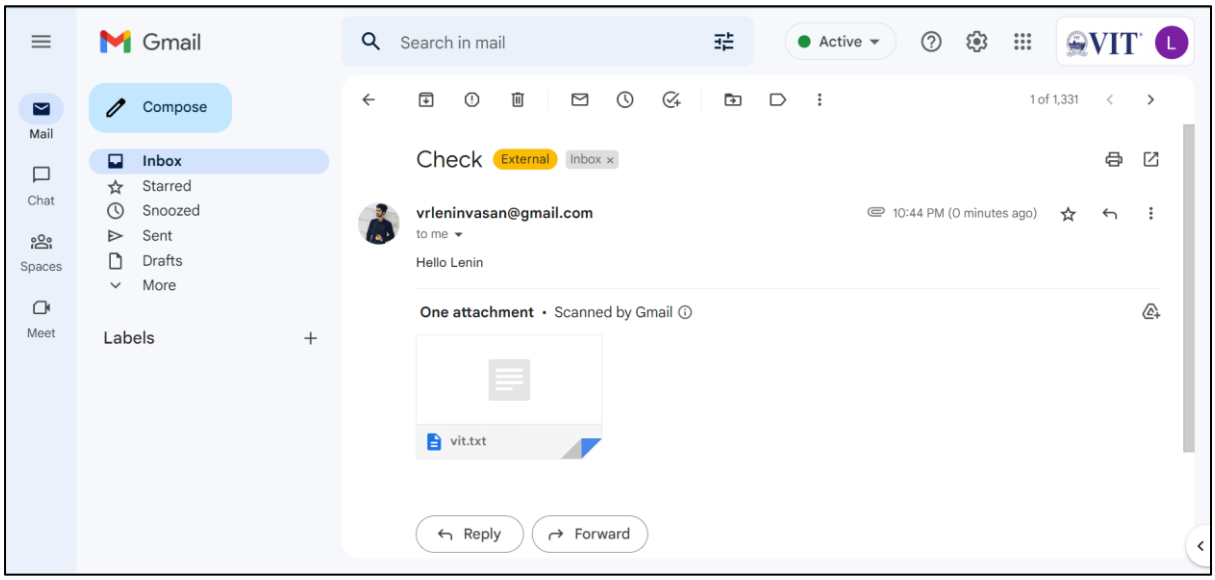
- EMAIL MODULE: This module sends the results of the quiz to the email address of the user.
    1. A link will be created automatically after the results page.
    2. The user will be directed a to email page where he can share the results to their email.

Send email module





The email received to User from Admin



Results and Discussion

6. Results and Discussion

QUIZ A THON is a user-friendly website where users can register and take part in quizzes for preparing for competitive fields. People would love to use this website in leisure times and for recreational activities since ant kind of quizzes can be added.
QUIZ A THON will be a better website for people to develop their knowledge in a short period of time.

7. Conclusion

QUIZ A THON is a fully functional website with all the modules working and with a good database in background. It also has facilities for the user to interact with the admin so that immediately the admin can resolve the issue.

References

8. References

i. Thomas A.Powell, “The Complete Reference HTML &CSS” Recent Edition.
ii. https://www.w3schools.com/howto/default.asp
iii. https://www.w3schools.com/js/js_intro.asp
iv. Jon Duckett, “Web Design with HTML, CSS, JavaScript and jQuery” Recent Edition
v. https://quizlet.com/en-gb
vi. https://code-projects.org/online-quiz-system-in-php-with-source-code/