



Apache Web Based Electronic E-Quiz App

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ABSTRACT: The paper entitled “ Apache web based Electronic E-Quiz App” is a web application which is being developed for the welfare of students, job seekers etc, Aim of this paper is to help the people in developing their skills in the various fields for example if anybody is preparing for bank, civil service exams or for entrance exams usually they will have to prepare for quantitative aptitudes, numerical aptitudes, etc usually users will prepare for such topics by refereeing books. Same scenario exists for the students who are preparing for campus interviews. Keeping these things in mind we pick this topic as our paper. Here we have made an attempt to develop an online quiz in our paper we have prepared set of questions on various topics and we let the users to pick the topic in which they are interested and allow them play, here each question is presented periodically with four optional answers the next question will appear after answering the previous question finally we would display the summary of quiz which includes no of questions displayed, no of correct and wrong answers ultimately we display the performance of the user.

KEYWORDS: Aptitude, Admin, Arpanet, MySQL.

I. INTRODUCTION

“Online” is a today’s “Buzzword” which every organization is looking for their representation globally. The revolution’s in internet technology and web application has a great impact on various fields especially in information processing field. A person can get the information about anything instantly just by a mouse click which saves the precious thing called ‘time’ as well as money. The internet began in 1969, as an experimental for computer network called “Arpanet”, which was designed by the US defence department so that research scientist could communicate. In approximately two years “Arpanet” grew to about two dozen sites and by 1981, consisted of more than 200 sites. In 1990, “Arpanet” was officially disbanded and the network which now consists of 1000’s of sites came to known as “Internet”. The internet consists of two types of computers servers & Clients. Computers which offer information to read are called servers and the computers that read the information offered are called clients. Servers run special software’s (Web server software) that allows them to respond to client requests for information and accept the data from clients. Some of the most popular software’s which serves them to respond to client requests for information is Internet Information Server (IIS), Apache web server, Microsoft Personal web server.

Our paper entitled “Apache web based Electronic E-Quiz App” is a web application we have developed this software package targeting students, job seekers and people who are interested in gaining the knowledge regarding competitive exams, most of the competitive exams are of Objective types on various topics such as reasoning, numerical aptitude, general knowledge, English etc. Keeping the above concept in mind we have developed this paper here we allow users to learn on his/her interested topic, here user has to select a topic each topic is having fixed number of question’s each question with four answers are presented sequentially to the user and simultaneously his response is monitored at the end of the quiz his/her performance is displayed which includes number of questions attended, number of correct and wrong answers which in turn helps the users to improve their knowledge.

II. EXISTING SYSTEM

In this existing system students / Aspirants are preparing for job interviews by referring textbooks, browsing for the required information over the internet, watching YouTube videos.



III. PROPOSED SYSTEM

The proposed system is a web application software which aims to overcome from limitations of existing system and develop a sophisticated system which offers interactive facility to students preparing for campus interviews. Purpose of our paper is to develop a web application which allows admin as well as users to take role, it must allow users to create an account and play the quiz, at end the summary of the result should be displayed for their reference. Admin should be able to view result of all players.

Features of proposed system

- Supports remote access
- Working speed is high
- More reliable
- Users could know their performance level before actual test
- Could be used to conduct events in the colleges

Scope of Proposed system

- This software acts as teaching tutorial to students who are preparing for various entrance exams.
- Using this package user could know their performance level.
- Since it is managed online users will get updated information periodically.

IV. RELATED WORK

TABLES USED IN THE PAPER

Test Table

This table is used to store the details of tests

Column	Type
testid	int(11)
testname	varchar(100)

Questions table

This table is used to store the details of questions

Column	Type
qno	int(11)
testid	int(11)
question	varchar(200)
opta	varchar(100)
optb	varchar(100)
optc	varchar(100)
optd	varchar(100)
cans	varchar(10)



Summary table

This table is used to store the result of users

Column	Type
sino	int(11)
testid	int(11)
qno	int(11)
gans	varchar(10)
cans	varchar(10)
uname	varchar(20)
status	varchar(20)

Signup table

This table holds the signup details of users

Column	Type
name	varchar(50)
email	varchar(50)
uname	varchar(20)
pwd	varchar(20)

Login page

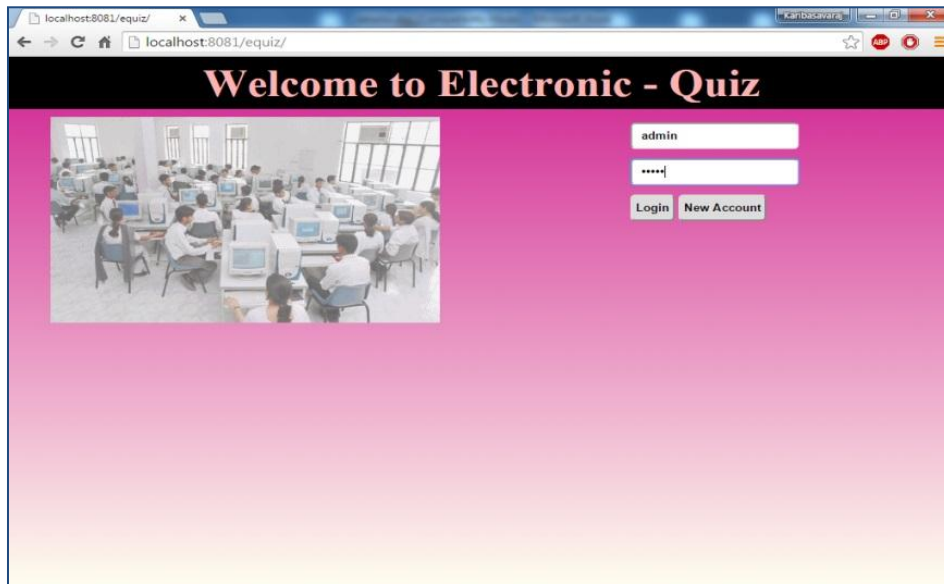


Fig: 1 using this page either admin or users could login to system



Signup form

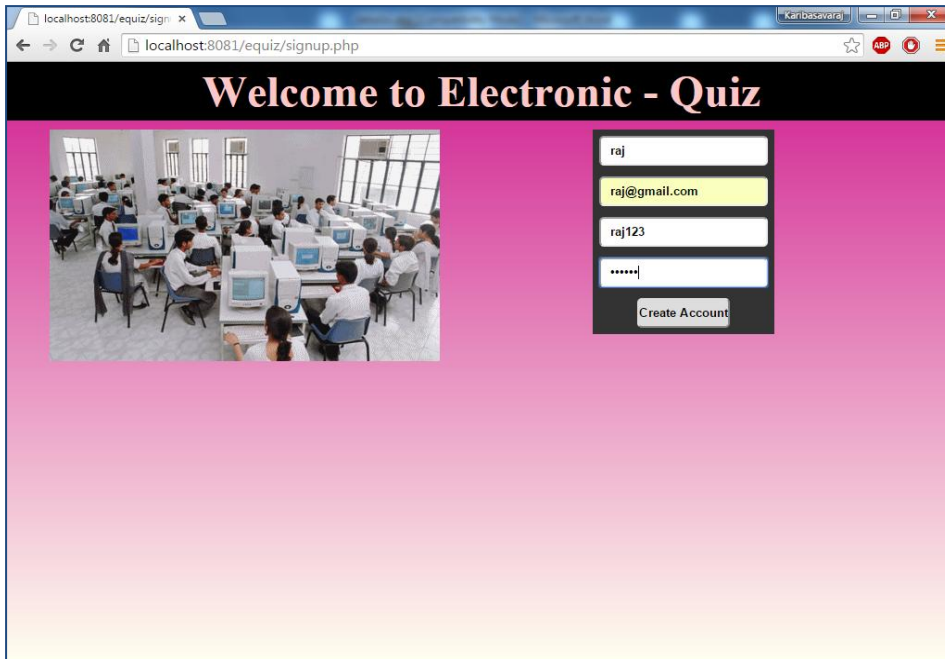


Fig 2: Using this form user could create an account

Creating new test by admin

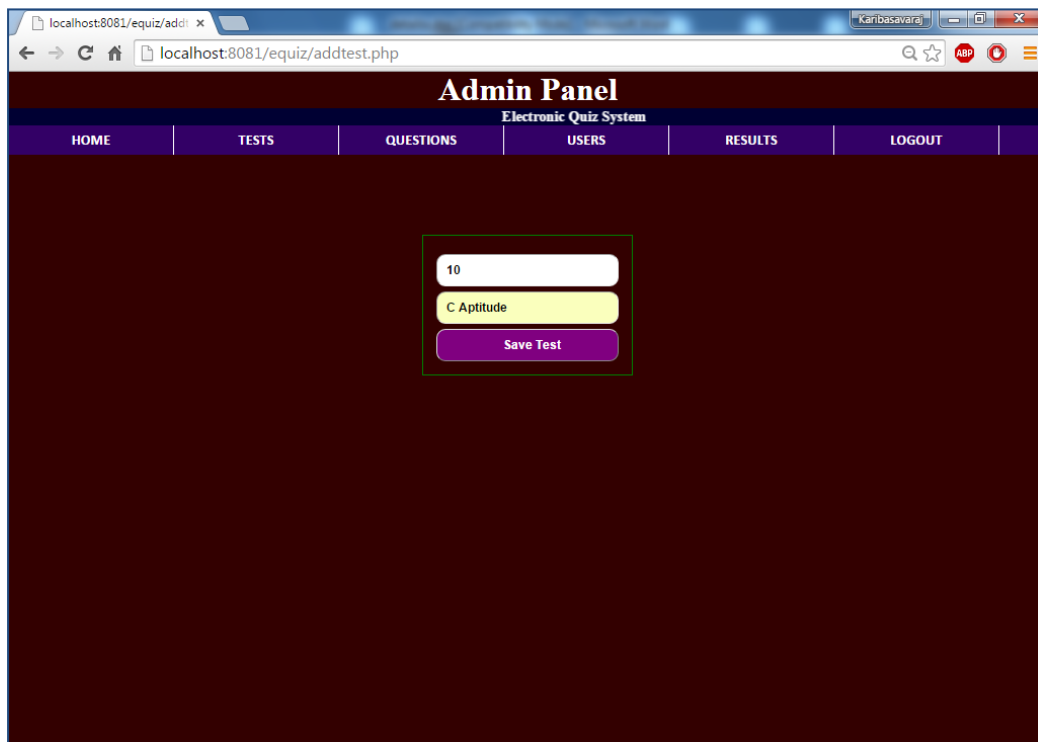


Fig 3: Using this form user could create an account



Adding questions to test form

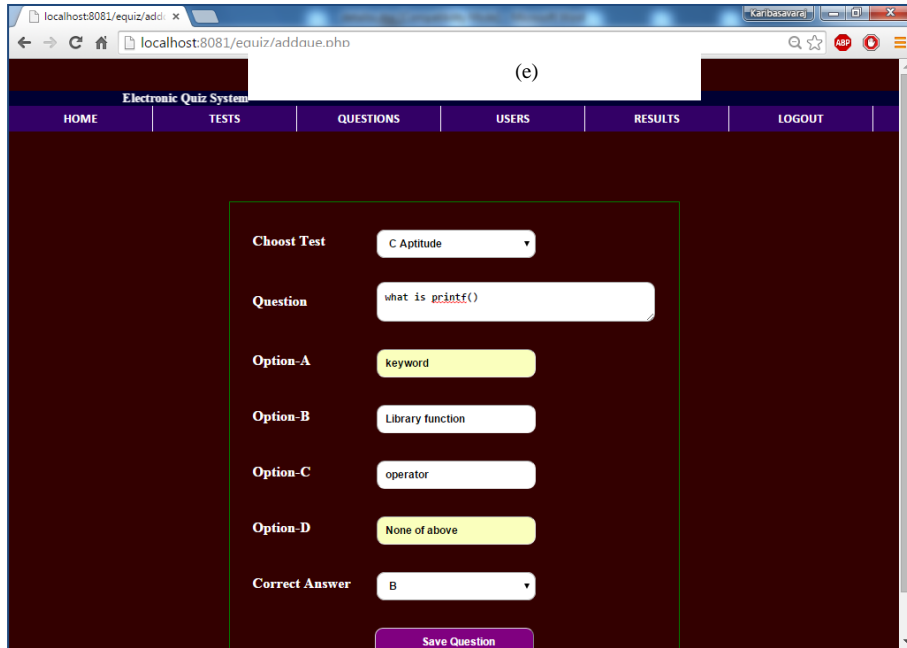


Fig 4: Using this form admin add new questions to test

Questions details form

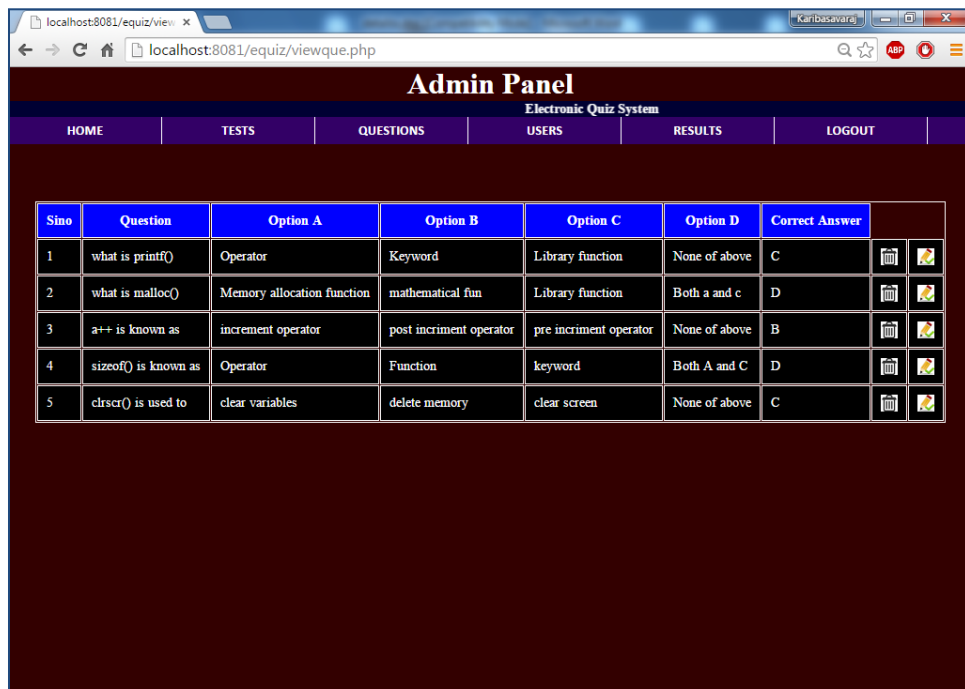


Fig 5: This page shows the details question's according to test, admin could edit or delete the questions



Page showing the question and answers

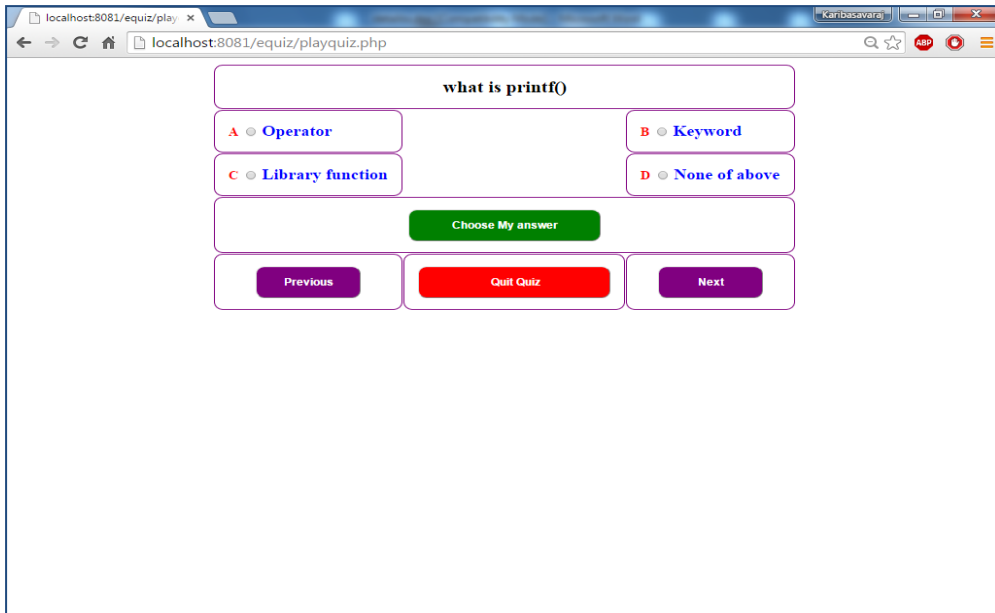


Fig 6: Using this form user could play the quiz, here they have option to navigate to other questions, answer the question, and quit the quiz

Summary page



Fig7: The above page shows the summary of the quiz to users, it lists the question, result and score of the user



V.CONCLUSION

Our paper entitled as “Apache web based Electronic E-Quiz App” is a web application which is being developed using web technology; we have used PHP as our front end tool, MYSQL as backend tool. To fulfil the maximum requirements as a online quiz tool, users will learn by playing the quiz which is our motto, this product is useful to students who were preparing for interviews and also to the people who would like to have the knowledge on various topics varying from simple general knowledge to technical subjects.

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