



ONLINE QUIZ WEBSITE

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1. INTRODUCTION

On-line examinations contents providers to focus on creating effective assessment questions and focusing on exams feedback delivery to students. In the paper we present techniques that are pertinent to the elements of assessment process: answers submission, computerized grading and feedback after submission.

As the modern organizations are automated and computers are working as per the instructions, it becomes essential for the coordination of human beings, commodity and computers in a modern organization.

The administrators, instructor, Students who are attending for online examination can communicate with the system through the projects. Thus facilitating effective implementation and monitoring of various activities of online Examination are maintained at administrator.

1.1 Scope

Technological advancements in this era of digitization along with being a boon to the world have been advantageous to the educational sector too. The introduction of online exam software replaced the conventional system of assessment.

The various examinations conducted by the agencies are now able to evaluate the test takers freely and cost-effectively through computer-based tests. Today's article discusses the scope and objectives of an online examination system.

1.2 Aim

The main aim of Online Quiz System Project is to facilitate a user friendly environment of Blue book implementation and reduces the manual effort. Providing an online comprehensive solution to manage quiz system where the individuals are participating in a team. The purpose of the system is to develop Online Examination System., used to test the Domain knowledge of the students, and employees with respect to the particular technology. The manual procedure used for conducting exam is time consuming process and error prone due to human limitations. The System purpose is to completely automate the old manual procedure of conducting exam to Online Web Based Examination System.

2. PROPOSED SYSTEM

2.1 Proposed System

This application is used to conduct online examination. The students can sit at individual terminals and login to write the exam in the given duration. The questions have to be given to the students. This application will perform correction, display the result immediately and also store it in database. This application provides the administrator to add new exams. This application provides the instructor add questions to the exam, modify questions in the exam in a particular exam. This application takes care of authentication of the administrator, as well as student.

2.2 Objectives

The objective of the Online Examination tool is to provide better information for the user of this system for better results for their maintenance in student examination schedule details and grading details.

2.3 User Requirement

1. User must be computer literate.
2. Each user has their authentication when placing the order I.e., user requested to register first before login .
3. Customer has their mobile number & address required for their authentication.

3.USER MANUAL

This manual will be order to get overall idea about the system ths is to be used. This manual explain the need scope of a user manual as well asw outline suggested organization and content of user manual.

3.1 Purpose

A user manual is prepared just before the implementation phase in the system development life cycle. The objective of the user manual is too clearly described and documents the operating of the system for the user department, in specific, Non-ambiguous and non- technical terms.

The need for user manual arises for the following reasons

- The user manual represents the entry point into the system from the end user angle.
- The manual identifies the task which must be carried by the user, in using the system, the objectives of these takes and main deliverables which signify successful completion of each task.
- In many cases the manual is the sole means of learning how to the work or how to correct errors.
- A comprehensive user manual describes in details all system inputs processor, outputs and control and provides background reading to supplement training and testing.

4. GENERAL DESCRIPTION

Online Examination System refers to service as conduct online examination or test. It will use for students progress evaluation using modern computer technology. It replaced the paperwork and overcome the outcomes of traditional way of examinations using paper or pen. It is web based platform can be used by Admin at any remote location. Online Examination System is fully developed automated system is to efficiently evaluate the candidate progress that not only save the time of Examination Controller and also gives fast result. The Administrator of the system has authority to propose tests or papers. It is cost effective and time effective. The candidate can login through proposed computer with their Enrollment number matching the details to the student's database, then they can take the exam. Candidate can give their course's examination in a specific duration and in specific number of questions. The questions can be appear in both mode MCQ (Multiple Choice Questions) and answer in paragraph.

4.1 Advantages

- Conduct Exams effortless:

Computer based tests as a method of conducting an assessment enable users to manage an exam easily. The functionalities of an exam software such as user friendly dash board, multiple languages, support for multiple question types and formats, detailed reporting, automatic instant results help in smooth conduction.

- Reduce exam anxiety amongst test takers:

The flexibility associated with computer-based tests reduces exam anxiety among test takers as they can take the exam at any time of the day that coincides with their preferred sleep / wake cycle.

- Prevents cheatings:

Cheating amongst the test takers in the examination hall is one of the major drawbacks of pen paper-based assessment. Online examination managed avoids the possibilities of secretly using unfair means to get the right answers. The presence of various functionalities in exam software prevents cheating irrespective of the test taker's location

- Safe and secure data:

Various tools offered by exam software have enabled the assessment conducting agencies to manage the crucial data related to examination questions and test takers safely.

- Reduce administrative burden:

Organizing and running exams online not only reduces an organization's administrative burden but also saves cost and time. Online examination with its objective to make evaluation massive but simple, cost effective and faster has replaced the pen paper-based assessment.

The examination managing agencies have started preferring computer-based test to install their lost faith in the method of conducting an evaluation. Thus, online examination software offered by Peso fts is one of the most advanced software for conducting tests.

4.2 Drawbacks

- User must be Computer literate.
- Internet connection is mandatory.

5. TECHNOLOGIES

5.1 Hypertext Markup Language (HTML)

Hypertext Markup Language (HTML) is the standard markup language for documents designed to be displayed in a web browser. It can be assisted by technologies such as Cascading Style Sheets (CSS) and scripting languages such as JavaScript. Web browsers receive HTML documents from a web server or from local storage and render the documents into multimedia web pages.

- HTML describes the structure of a web page semantically and originally included cues for the appearance of the document.
- HTML elements are the building blocks of HTML pages. With HTML constructs, images and other objects such as interactive forms may be embedded into the rendered page.
- HTML provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items.
- HTML elements are delineated by tags, written using angle brackets. Tags such as `` and `<input />` directly introduce content into the page. Other tags such as `<p>` surround and provide information about document text and may include other tags as sub-elements. Browsers do not display the HTML tags, but use them to interpret the content of the page.
- HTML can embed programs written in a scripting language such as JavaScript, which affects the behavior and content of web pages. Inclusion of CSS defines the look and layout of content. The World Wide Web Consortium (W3C), former maintainer of the HTML and current maintainer of the CSS standards, has encouraged the use of CSS overexplicit presentational HTML since 1997.

5.2 Cascading Style Sheets (CSS)

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language like HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript. CSS is designed to enable the separation of

presentation and content, including layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple web pages to share formatting by specifying the relevant CSS in a separate .css file, and reduce complexity and repetition in the structural content.

CSS information can be provided from various sources. These sources can be the web browser, the user and the author. The information from the author can be further classified into inline, media type, importance, selector specificity, rule order, inheritance and property definition. CSS style information can be in a separate document or it can be embedded into an HTML document. Multiple style sheets can be imported. Different styles can be applied depending on the output device being used; for example, the screen version can be quite different from the printed version, so that authors can tailor the presentation appropriately for each medium. The style sheet with the highest priority controls the content display. Declarations not set in the highest priority source are passed on to a source of lower priority, such as the user agent style. The process is called cascading.

One of the goals of CSS is to allow users greater control over presentation. Someone who finds red italic headings difficult to read may apply a different style sheet. Depending on the browser and the web site, a user may choose from various style sheets provided by the designers, or may remove all added styles and view the site using the browser's default styling, or may override just the red italic heading style without altering other attributes.

5.3 JavaScript

JavaScript is a high-level, interpreted scripting language that conforms to the ECMAScript specification. JavaScript has curly-bracket syntax, dynamic typing, prototype-based object-orientation, and first-class functions. Alongside HTML and CSS, JavaScript is one of the core technologies of the World Wide Web. JavaScript enables interactive web pages and is an essential part of web applications. The vast majority of websites use it, and major web browsers have a dedicated JavaScript engine to execute it. As a multi-paradigm language,

JavaScript supports event-driven, functional, and imperative (including object-oriented and prototype-based) programming styles. It has APIs for working with text, arrays, dates, regular expressions, and the DOM, but the language itself does not include any I/O, such as networking, storage, or graphics facilities. It relies upon the host environment in which it is embedded to provide these features.

Initially only implemented client-side in web browsers, JavaScript engines are now embedded in many other types of host software, including server-side in web servers and databases, and in non-web programs such as word processors and PDF software, and in runtime environments that make JavaScript available for writing mobile and desktop applications, including desktop widgets.

The terms Vanilla JavaScript and Vanilla JS refer to JavaScript not extended by any frameworks or additional libraries. Scripts written in Vanilla JS are plain JavaScript code. Google's Chrome extensions, Opera's extensions, Apple's Safari 5 extensions, Apple's Dashboard Widgets, Microsoft's Gadgets, Yahoo! Widgets, Google Desktop Gadgets, and SerenceKlipfolio are implemented using JavaScript.

6. SPECIFIC REQUIREMENTS

6.1 Functional Requirements

S.NO	NAME	MUST/WANT	DESCRIPTION
FR1	Home Page	Should	The application should open a home page so that students can see their functionalities.
FR2	Courses	Must	The application must include courses in website as whoever opens website can go through course list.
FR3	Contact	Would	The administration address would be given to enquire about any further information.
FR4	About us	Want	If the students wants to know about the college they can visit here.
FR5	Testimonials	Must	The website must include testimonials of High authorities.
FR6	Get in touch	Must	If we have any doubt a message must be entered by giving our details like name, email, phone number and send . The message will be sent to the administration
FR7	Route Map	Should	The website should include a route map so that the students can reach school easily
FR8	Result	Must	The result page must be included to check the score of quiz.

6.2 Non-Functional Requirements

S.NO	Name	Must / want	Description
NFR 1	Performance	Should	The database shall be able to accommodate a minimum of 10,000 records.
NFR 2	Safety	would	The database may get crashed at any certain time due to virus or operating system failure.
NFR 3	Security	Must	There must be some restrictions between some areas of the program. And check data integrity for critical variables.
NFR 4	Availability	must	Check that the system always has something to function and always pop up messages with no delays

6.3 Software requirements

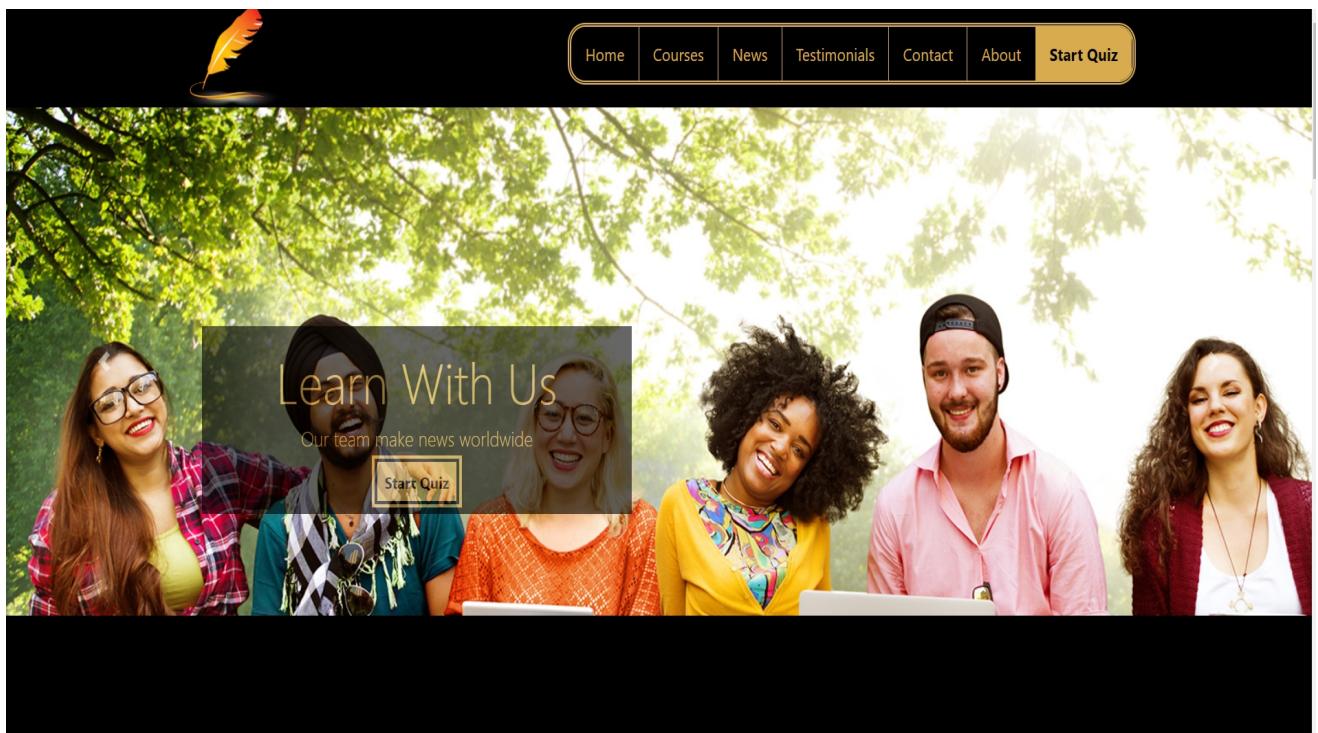
1. Google chrome
2. Notepad++
3. Html
4. JavaScript
5. CSS
6. Sublime editor

6.4 Hardware Requirements

1. Windows 10
2. Intel core i5
3. Ram 4GB

7. SCREEN DESIGN

Step 1:



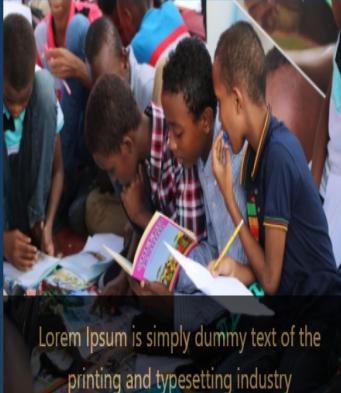
Step 2:

The image shows a mobile application interface with a dark background. At the top center, there is a blue rectangular button with the word "Courses" in white. Below this, there are three separate cards, each with a yellow header and a black body. The first card is labeled "Web Development". Its details are: Time: 6 Month, Type: Online / Offline, Cost: \$2000. The second card is labeled "Mobile Application". Its details are: Time: 9 Month, Type: Offline, Cost: \$4000. The third card is labeled "Language Course". Its details are: Time: 6 Month, Type: Online / Offline, Cost: \$1000.

Course	Time	Type	Cost
Web Development	6 Month	Online / Offline	\$2000
Mobile Application	9 Month	Offline	\$4000
Language Course	6 Month	Online / Offline	\$1000

Step 3:

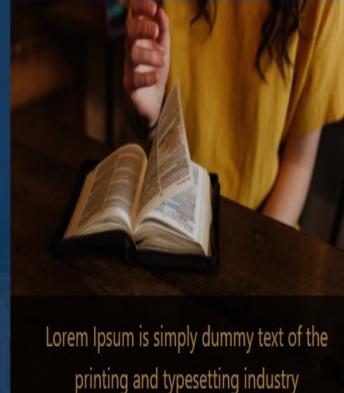
Latest News



Lore ipsum is simply dummy text of the printing and typesetting industry



Lore ipsum is simply dummy text of the printing and typesetting industry



Lore ipsum is simply dummy text of the printing and typesetting industry

Step 4:

Testimonials



Asish

Montreal

It is a long established fact that a reader will be distracted by the readable content of a page when looking at its layout.



Sukhwinder

Montreal

It is a long established fact that a reader will be distracted by the readable content of a page when looking at its layout.



Sukhwinder

Montreal

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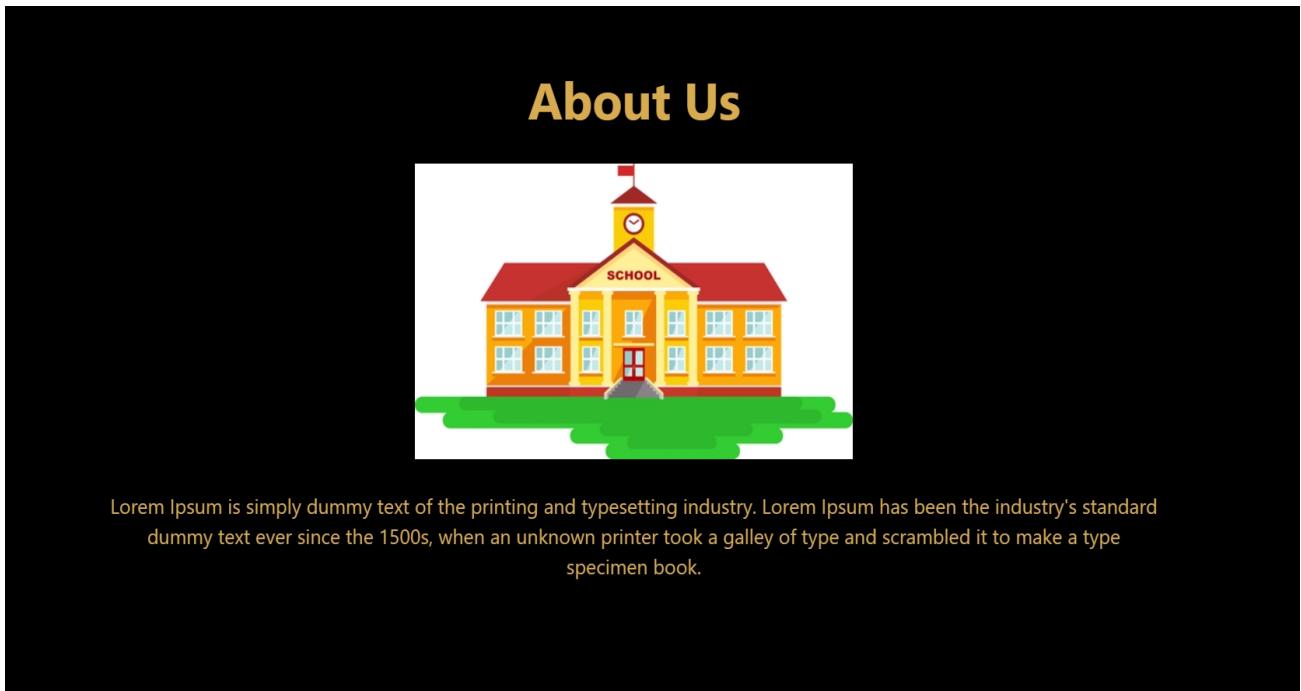
Step 5:

The screenshot shows a contact form titled "Get In Touch With Us" on the left, featuring fields for Name, Email *, Phone Number, and Message, with a "Send" button. To the right is a Google Maps interface showing a location at 1234 123 St, Surrey, BC V4A 3L6. A red pin marks the address, and a blue marker labeled "JB Staging" is also visible. The map includes street names like 22 Ave, 23 Ave, 24 St, and 25 St, along with various landmarks and other pins.

Contact US
Address: #1234 123 Ave A1B1A1, Surrey BC,
Canada
Email: dummy@gmail.com
Office Phone No.: +1 (443)245-7989
Office Phone No.: 9876543210

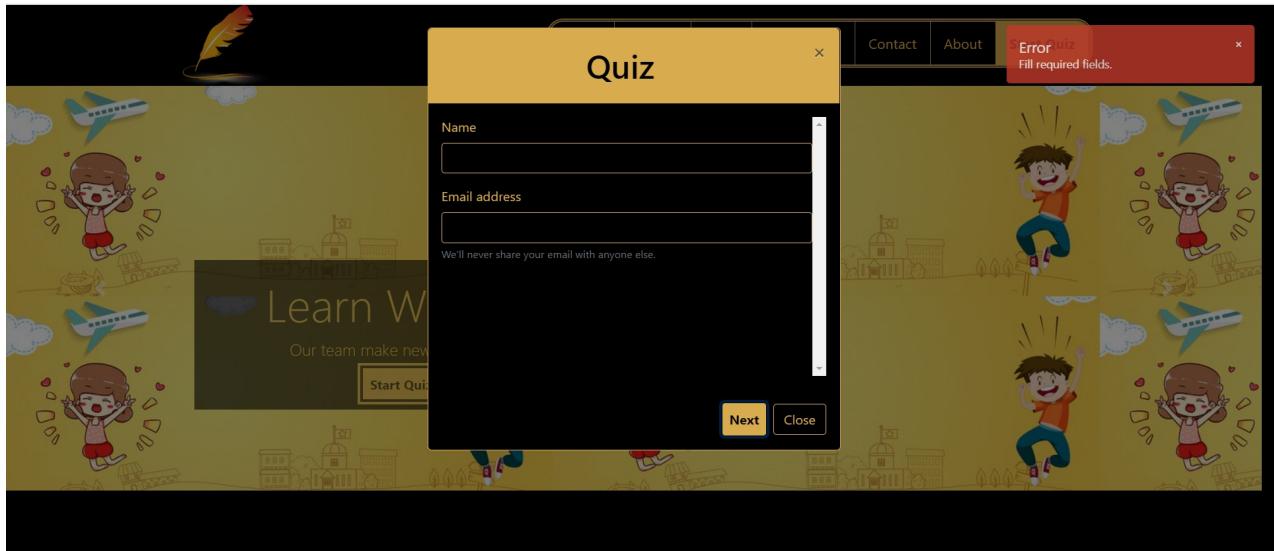
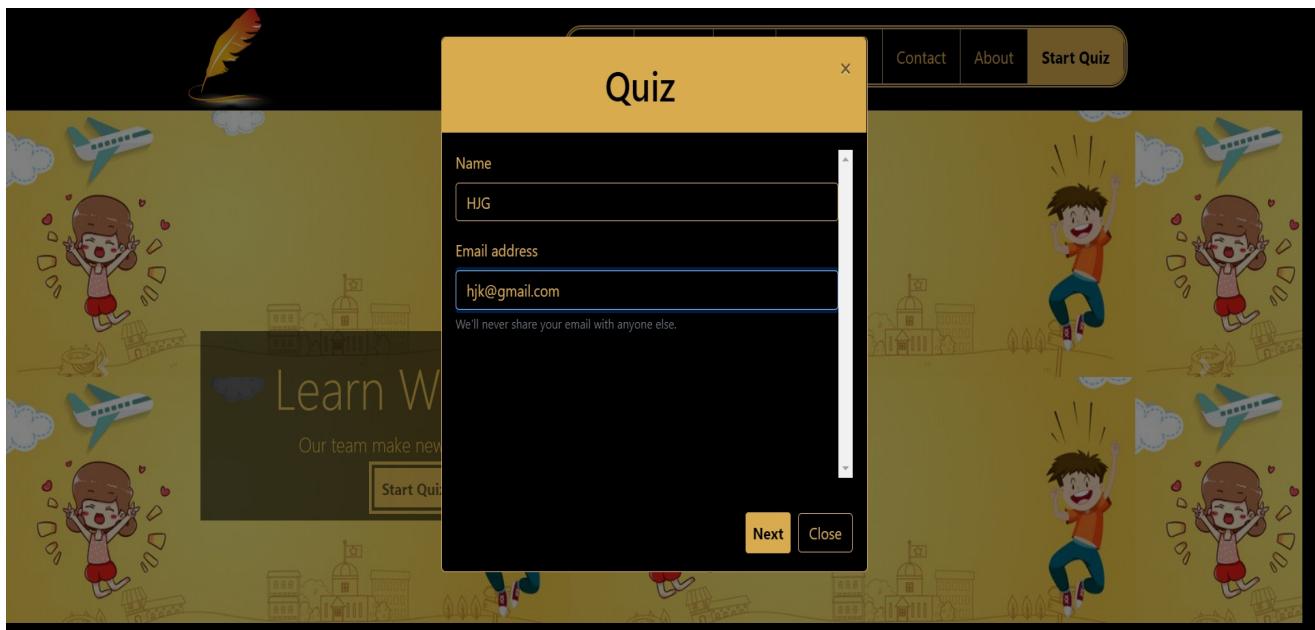
Other Links
Home
Course
News
About
Contact
Testimonials




Step 6:

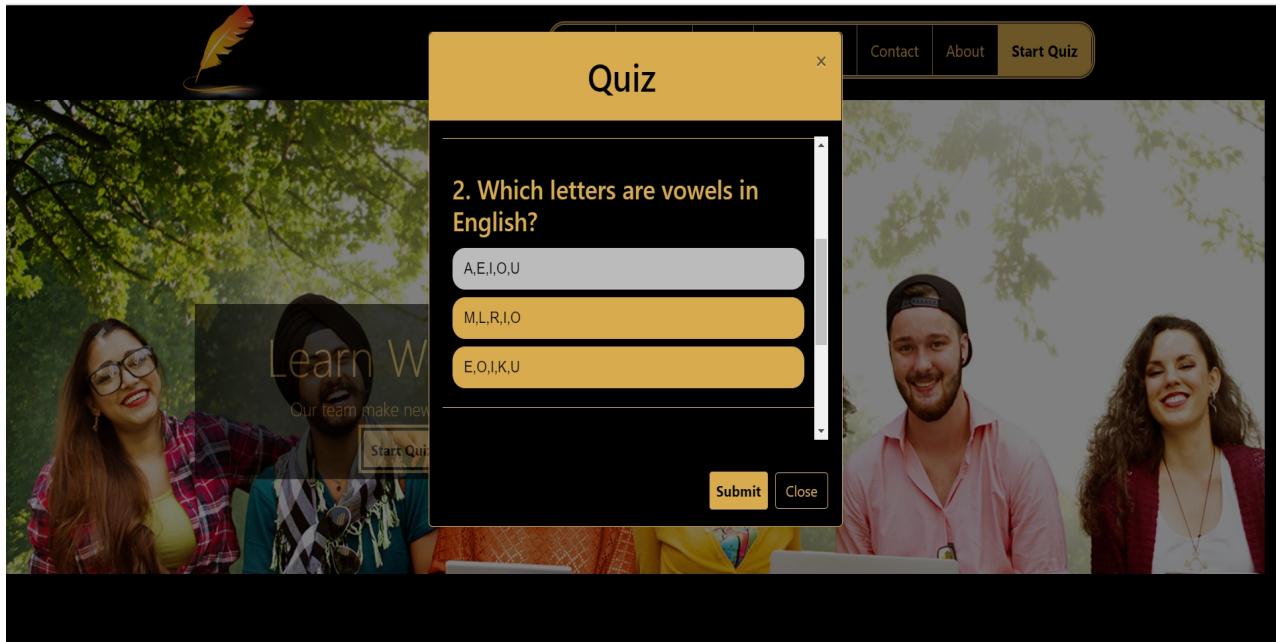
Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book.

Step 7:

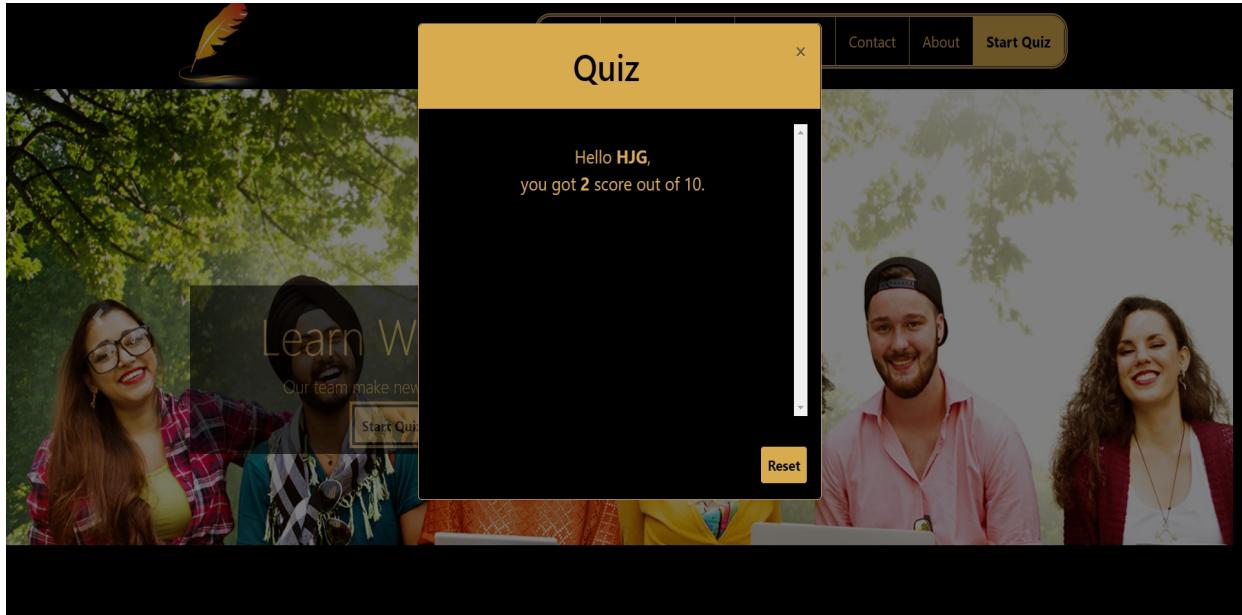
**Step 8:****Step 9:**



Step 10:



Step 11:



8. CONCLUSION

A large number of participants, with instant results of your online quiz (for the creator as well as the participants), a better overview, you're able to randomize your questions and set a timer. That all without the need of an instructor. What's holding you back to not use online quizzes? It provides a friendly graphical user interface which proves to be better when compared to the existing system. Updating of information becomes easier. System security, data security and reliability are the striking features. It effectively overcomes the delay in communications. Automation of entire system improves efficiency.

9. BIBLOGRAPHY

<https://www.tutorialspoint.com/index.htm>

<https://www.javatpoint.com>

<https://www.w3schools.com>

<https://html.com>