

Automated Question Generator

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This Report Presented in Partial Fulfillment of the Requirements for the
Degree of Bachelor of Science in Computer Science and Engineering

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APPROVAL

This Project/internship titled “Automated question generator”, submitted by **Md. Ramzan Hossain palash and Md. Riaje hosen akash**, ID No: **152-15-5733 and 152-15-5741** to the Department of Computer Science and Engineering, Daffodil International University has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of B.Sc. in Computer Science and Engineering and approved as to its style and contents. The presentation has been held on **4th may 2019**.

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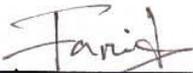
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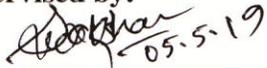
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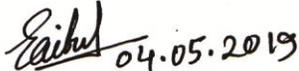
We hereby declare that, this project has been done by us under the supervision of **Mr. Md. Swakshar Mahmud**, lecturer, Department of CSE Daffodil International University. We also declare that neither this project nor any part of this project has been submitted elsewhere for award of any degree or diploma.

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ABSTRACT

Automated Question Generator is designed to create a Question Bank and generate descriptive as well as MCQ at any time while required. We can store descriptive and MCQ with name of the subjects, term and marks. So that we can generate questions randomly based on the selected Subject and Term. During question generation we can add necessary instruction, date of the exam also. This system can also evaluate the MCQ Exam and can identify the Result of MCQ Exam. Finally, we can say, our Automated Question Generator will give a great relieve to Teacher and make quality Questions effortlessly.

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CHAPTER 1

Introduction

1.1 Objective

Our main objective is to prepare Question Bank both for Descriptive & MCQ and Generate Quality Questions effortlessly. We can also evaluate the answer of MCQ automatically after completion the Test. Other objective of this project is to reduce time and effort and maintain a standard level of Exam Questions. We can store questions in subject and exam term wise, so that we can generate it accordingly later.

1.2 Proposed System

We proposed a web based application in where we can add Descriptive and MCQ questions and which creates a Question Bank based on the Subject and Exam Term. Each Question also contains the Total Marks. After that, a teacher can generate questions based on his requirements at any time. A teacher can identify the total marks, exam duration, and any other information about the questions. A teacher also can generate MCQ also. And our system can identify the right answer and count total obtain marks of MCQ exam.

1.3 Methodology to be used for this project

First of all, a user need to open our solution and found main interface in where there is a login option. If the user is an Admin user then he/she will press login button and get login interface. Then user can login into the system by using valid user id and password. On the other hand if the user is an examiner/ student he/she can login with his student id and password. Admin can get Add New Descriptive Questions, Add MCQ Questions, Generate Descriptive Questions, and Generate MCQ Questions etc

On the other hand an examiner can get Descriptive Questions, and MCQ Questions.

CHAPTER 2

SYSTEM REVIEW

2.1 Automated Question Generator

Our System is an automated webapplication. There is no need to install the application, just open the application from browser. Before getting our application, we need to host it in server. As this application is developed in .Net platform, we need to host it in IIS Server. To access admin panel, a user must Login into the system with valid user id and password.

2.2 Accomplishment challenges

Accomplishment challenges are this type of task which is really difficult to overcome. But things can be solved. There are a lots of challenges came ahead to develop the “Automated Question Generator” such as security issues, personal information sharing, fake fata input etc.

2.3 Benefits of the project

Using “Automated Question Generator”, anyone can get following facilities:

- Create a Descriptive and MCQ Question Bank
- Add Descriptive Question
- Add MCQ Questions
- Generate Descriptive Question based on Subject at any time
- Generate MCQ Question at any time
- System can identify right answer and total correct answer automatically

2.4 Add Descriptive Questions:

In our system admin user can add new questions. During saving questions, we also add related information like subjects, exam term, total marks, so that we can identify

this questions during generation the question for specific needs at any time effortlessly.

2.5 Add MCQ Questions:

In our system admin user can add new MCQ questions. During saving questions, we also add 4 options multiple options and one right answer so that the system can identify the right answer and can calculate the result at the end of the examination.

2.6 Generate Descriptive Question based on Subject at any time:

In our system, admin user can generate descriptive questions randomly based on the selected subject and term. During question generation we can add necessary instruction on the exam, date of the exam, total marks of the exam, total duration of the exam etc.

2.7 Generate MCQ Question at any time

In our system, admin user can generate MCQ questions randomly. An examiner can also get MCQ questions if he/she wants to sit for MCQ Exam. In that case, our system can identify the right and wrong answer and can also calculate the total score after finishing the MCQ Exam.

CHAPTER 3

TECHNOLOGIES USED IN THE PROJECT

3.1 Introduction

Our offered platform is followed desktop based rule. In this system, we used Microsoft .Net technology, C# for server side programming, and Microsoft SQL Server 2008 for Database. If anyone interested in gaining practical and comprehensive insight into the C# programming language and Microsoft SQL Server 2008 database and this prominent technologies can be used together to create dynamic, database driven desktop application, this project can be the great help for them. [1], [2], [3]

3.2 C# Overview

C# is an elegant and type-safe object-oriented language that enables developers to build a variety of secure and robust applications that run on the .NET Framework. You can use C# to create Windows client applications, XML Web services, distributed components, client-server applications, database applications, and much, much more. Visual C# provides an advanced code editor, convenient user interface designers, integrated debugger, and many other tools to make it easier to develop applications based on the C# language and the .NET Framework. [4], [5]

C# syntax is highly expressive, yet it is also simple and easy to learn. The curly-brace syntax of C# will be instantly recognizable to anyone familiar with C, C++ or Java. Developers who know any of these languages are typically able to begin to work productively in C# within a very short time. C# syntax simplifies many of the complexities of C++ and provides powerful features such as nullable value types, enumerations, delegates, lambda expressions and direct memory access, which are not found in Java. C# supports generic methods and types, which provide increased type safety and performance, and iterators, which enable implementers of collection classes to define custom iteration behaviors that are simple to use by client code. Language-Integrated Query (LINQ) expressions make the strongly-typed query a first-class language construct. [6]

3.3 Web GUI overview

The basic goal of Web 2.0 applications is to provide the user experience of a desktop application on the Web. As we all know from using Ajax and RIA applications, it's possible to get fairly close. As developers who have built such applications know, it can be hard to get them right. Visual WebGui, from Gizmox of Israel, attempts to make developing Web 2.0 applications just like developing Windows Forms application.

Visual WebGui, from Gizmox of Israel, attempts to make developing Web 2.0 applications just like developing Windows Forms applications. It's currently a free, open-source product built on top of ASP.NET on the server, with a DHTML presentation layer on the client. It uses an "empty client" model with a "gateway" channel to the server

3.4 SQL Server 2008 overview

SQL Server 2008 has plenty of reasons to get excited. The best SQL Server release to date, it sports more nice new features than you can count, and the improvements extend to both performance and manageability. In a few cases, such as the Resource Governor, you'll wish Microsoft had taken the functionality a little further. But whether you manage an OLTP environment, or an OLAP environment, or both, you will most likely find Katmai compelling. It easily passes my own five-point test for upgrades: Change Data Capture, Lookup Cache, Data Compression, PowerShell integration, and Policy-Based Management.

3.5 Why SQL Server 2008

Streamlined Installation:

Microsoft SQL Server 2008 can be installed using "setup wizards"; the installer also detects, downloads and installs any required prerequisite updates. These features reduce the complexity of installing the software. Individual components such as DatabaseServices, Analysis Services and Integration Services can be installed separately. SQL Server 2008 automatically updates security patches to reduce maintenance costs.

Better Performance Features:

Microsoft SQL Server 2008 has transparent data compression and encryption built in. There is no need to modify or change programs to encrypt data. SQL Server 2008 has more efficient access control and permission management tools and offers better performance in data collection. SQL Server 2008 also integrates with Microsoft Office. Even though SQL Server 2008 supports databases up to 524 terabytes (TB), its data compression features can reduce the database size. Backup databases can also be compressed.

Better Security Features:

SQL Server 2008 has strong authentication and access protection and has better password management features to enforce stronger passwords and frequent changing of passwords. SQL Server 2008 uses Policy-Based Management to detect non-compliance security policies, which allows only authorized personnel access to the database. Security audits and events can be written automatically to log files.

Lower Ownership Costs:

SQL Server 2008 includes Advanced Compression, data management tools, disk partitioning, data mining tools, Enterprise Reporting, and Advanced Security at no additional cost. SQL Server 2008 includes backwards compatibility with SQL Server 2000 and 2005, so there is no need to update or upgrade every computer.

Facts:

Corporations such as Unilever, Citi, Barclay's Capital, and Siemens use Microsoft SQL Server 2008. SQL Server 2008 is recognized as the Best Seller and Top-Growth Bestseller by CRN Magazine.

CHAPTER 4 DATABASE SYSTEM

4.1 Overview of database system

In our System, we use a Database named: **Question**. And our database contains four tables named:

1. **QuestionDetails,**
2. **MultiQ,**
3. **SubjectInfo,**
4. **TermInfo.**

The table contains following columns with datatype:

QuestionDetails:

```
(
    [ID] [int] IDENTITY(1,1) NOT NULL,
    [Question] [nvarchar](100) NULL,
    [SubjectID] [int] NULL,
    [TermID] [int] NULL,
    [Marks] [int] NULL,
    CONSTRAINT [PK_QuestionDetails] PRIMARY KEY CLUSTERED
(
    [ID] ASC
)
WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF,
IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON,
ALLOW_PAGE_LOCKS = ON) ON [PRIMARY]
)
```

MultiQ:

```
[ID] [int] IDENTITY(1,1) NOT NULL,  
[MCQ] [nvarchar](100) NULL,  
[a] [nvarchar](50) NULL,  
[b] [nvarchar](50) NULL,  
[c] [nvarchar](50) NULL,  
[d] [nvarchar](50) NULL,  
[Ans] [nvarchar](50) NULL,  
CONSTRAINT [PK_MultiQ] PRIMARY KEY CLUSTERED  
(  
    [ID] ASC  
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF,  
IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON,  
ALLOW_PAGE_LOCKS = ON) ON [PRIMARY]  
) ON [PRIMARY]
```

SubjectInfo:

```
[ID] [int] IDENTITY(1,1) NOT NULL,  
[SubjectName] [nvarchar](50) NULL,  
CONSTRAINT [PK_ProgramInfo] PRIMARY KEY CLUSTERED  
(  
    [ID] ASC  
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF,  
IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON,  
ALLOW_PAGE_LOCKS = ON) ON [PRIMARY]  
) ON [PRIMARY]
```

TermInfo:

```
[ID] [int] IDENTITY(1,1) NOT NULL,  
[TermName] [nvarchar](50) NULL,  
CONSTRAINT [PK_TermInfo] PRIMARY KEY CLUSTERED  
(  
    [ID] ASC  
) WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF,  
    IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON,  
    ALLOW_PAGE_LOCKS = ON) ON [PRIMARY]  
) ON [PRIMARY]
```

Database server consisting with a computer program and it provides database services to other computers; mainly depend on the client-server model. The term used to refer to the back-end system of a database application using server architecture. These back-ends sometimes called a database server. Database server performs tasks as data analysis, storage, data-manipulation, archiving, backup and recovery also. In this chapter, we will discuss about our system database server that is used for our project; we used Microsoft SQL Server 2018 for our project.

Our system is fully an online based system. It uses Microsoft SQL Server 2008; the total system developed with C# and which is very flexible with Microsoft SQL Server 2008 database. First, we designed our total database structure that means, how many entity and attributes required for our system, and then we select the referential integrity and choose cardinality. Finally we crate our total database system.

4.2 Total ERD for our system

The Final result of ER-modeling is called the ER-Diagrams (ERD). ER-modeling is a data modeling technique used in software engineering to produce a conceptual data model of an information system. Diagrams created using this ER-modeling technique are called Entity-Relationship Diagrams, or ER diagrams or ERDs. So you can say that Entity Relationship Diagrams illustrate the logical structure of databases.

	ID	MCQ	a	b	c	d	Ans
▶	1	Where is A	dsfdsfgdghg	a	dsfdsfsd	dsfdfs	b
	2	Where is B	dsfds	dsfdfs	b	dsfdfsdfsds	c
	3	Where is C	dsfdfs	dsfdfsdfsdfs	C	dfdf	c
	4	Where is D	D	dfdfdf	dfdfdfsdfs	fd dg	a
	5	Where is E	dfdfs	E	dfdfdf	dsfdfsdfsdfs	b
	6	Where is F	dfdfs	fdfdfs	F	dsfdfs	c
	7	Where is 1	dfdfs	dfdfs	1	fdgfd	c
	8	Where is 2	dfdfs	dfdfs	2	fdgfd	c
	9	Where is 3	dfdfs	dfdfs	3	fdgfd	c
	10	Where is 4	dfdfs	dfdfs	4	fdgfd	c
	11	Where is 5	dfdfs	dfdfs	5	fdgfd	c
	12	Where is 6	dfdfs	dfdfs	6	fdgfd	c
	13	Where is 7	dfdfs	dfdfs	7	fdgfd	c
	14	Where is 8	dfdfs	dfdfs	8	fdgfd	c
	15	Where is 9	dfdfs	dfdfs	9	fdgfd	c
	16	Where is 10	dfdfs	dfdfs	10	fdgfd	c
	17	Where is dd	aa	ss	dd	ff	c.
	18	Where is ABC	abc	baaa	bsss	bsss	a.
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Fig 4.1: Data in Table “MCQInfo”

	ID	Question	SubjectID	TermID	Marks
▶	1	What is a, Describe it.	1	1	1
	2	What is b, Describe it.	1	1	1
	3	What is c, Describe it.	1	1	1
	4	What is d, Describe it.	1	1	1
	5	What is e, Describe it.	1	1	1
	6	What is f, Describe it.	1	1	1
	7	What is g, Describe it.	1	1	1
	8	What is h, Describe it.	1	1	1
	9	What is i, Describe it.	1	1	1
	10	What is j, Describe it.	1	1	1
	11	What is k, Describe it.	1	1	1
	12	What is l, Describe it.	1	1	1
	13	What is m, Describe it.	1	1	1
	14	What is n, Describe it.	1	1	1
	15	What is o, Describe it.	1	1	1
	16	What is p, Describe it.	1	1	1
	19	dfdf	1	1	1
	20	Where is ABC	1	1	10
*	<i>NULL</i>	<i>NULL</i>	<i>NULL</i>	<i>NULL</i>	<i>NULL</i>

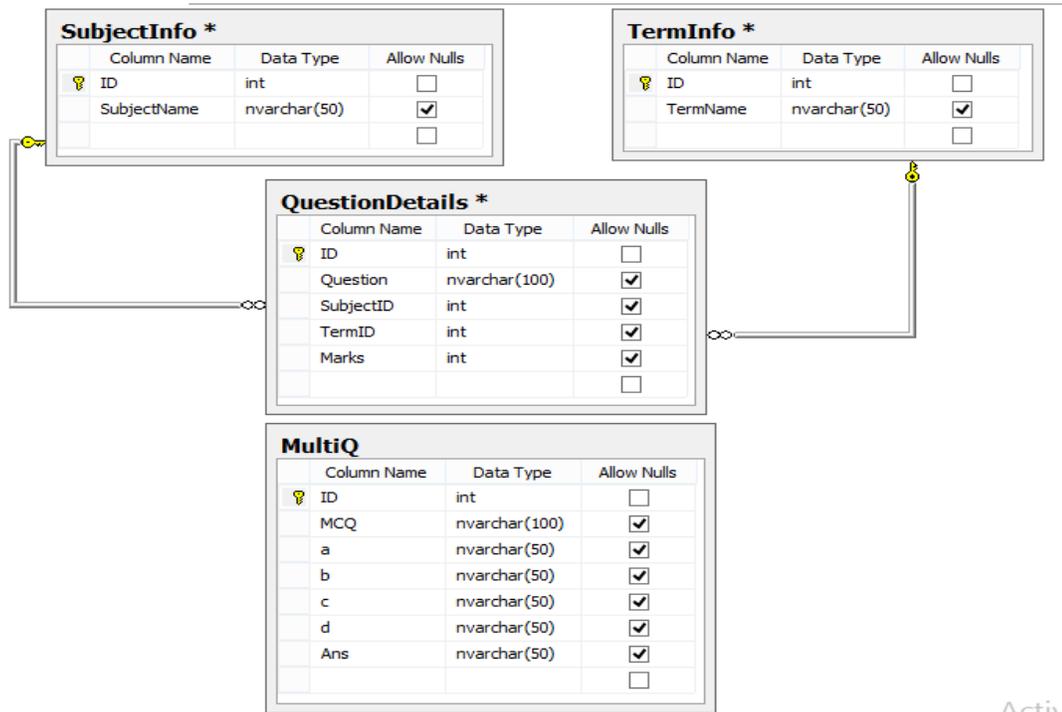
Fig 4.2: Data in Table “Descriptive Question Info”

	ID	SubjectName
	1	Computer Fundamental
	2	Database Management System
	3	Math-I
	4	Math-II
	5	English-I
	6	English-II
	7	Bangladesh Studies
	8	Physics-I
	9	Physics-II
	10	Structured Programming
	11	Object Oriented Programming
▶*	<i>NULL</i>	<i>NULL</i>

Fig 4.3: Data of the Table “SubjectInfo”

	ID	TermName
▶	1	Mid Term
	2	Final
*	<i>NULL</i>	<i>NULL</i>

Fig 4.4: Data in the Table “TermInfo”



Activ

Fig 4.5: ERD for our total database system

CHAPTER 5

DEVELOPMENT

5.1 Overview of development

We develop Automated Question Generator using Microsoft Platform. We use Microsoft .Net Desktop Application, C# .Net and Microsoft SQL Server 2008. First of all we try to collect main requirement by consulting among us and some other students. Then try to create the Interfaces. Based on the requirements and Templates of Interfaces we create Database. Finally we Design the UI and related methods and functions.

After completing the development part, we do Testing and finally close the development part and keep it ready for use.

The different phases of our Development times are:

- Requirement Analysis
- Template Design
- Database Design
- UI Design
- Coding (Method and Function)
- Testing

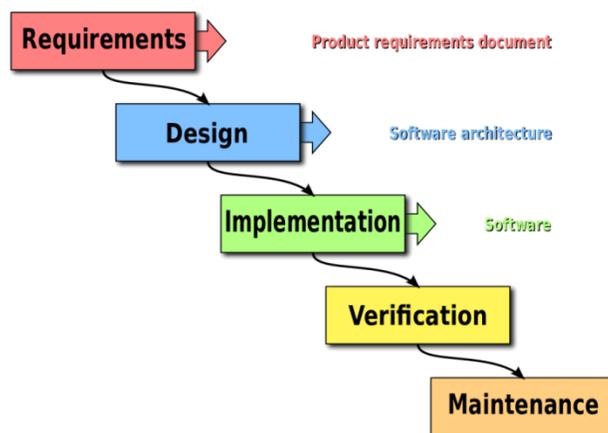


Fig 5.1: In our Project, we use Waterfall Model

What is WaterFall Model?

The Waterfall Model was first Process Model to be introduced. It is very simple to understand and use. In a Waterfall model, each phase must be completed before the next phase can begin and there is no overlapping in the phases. Waterfall model is the earliest SDLC approach that was used for software development.

In “The Waterfall” approach, the whole process of software development is divided into separate phases. The outcome of one phase acts as the input for the next phase sequentially. This means that any phase in the development process begins only if the previous phase is complete. The waterfall model is a sequential design process in which progress is seen as flowing steadily downwards (like a waterfall) through the phases of Conception, Initiation, Analysis, Design, Construction, Testing, Production/Implementation and Maintenance.

As the Waterfall Model illustrates the software development process in a linear sequential flow; hence it is also referred to as a Linear-Sequential Life Cycle Model.

Sequential Phases in Waterfall Model

Requirements: The first phase involves understanding what need to be design and what is its function, purpose etc. Here, the specifications of the input and output or the final product are studied and marked.

System Design: The requirement specifications from first phase are studied in this phase and system design is prepared. System Design helps in specifying hardware and system requirements and also helps in defining overall system architecture. The software code to be written in the next stage is created now.

Implementation: With inputs from system design, the system is first developed in small programs called units, which are integrated in the next phase. Each unit is developed and tested for its functionality which is referred to as Unit Testing.

Integration and Testing: All the units developed in the implementation phase are integrated into a system after testing of each unit. The software designed, needs to go through constant software testing to find out if there are any flaw or errors. Testing is done so that the client does not face any problem during the installation of the software.

Deployment of System: Once the functional and non-functional testing is done, the product is deployed in the customer environment or released into the market.

Maintenance: This step occurs after installation, and involves making modifications to the system or an individual component to alter attributes or improve performance. These modifications arise either due to change requests initiated by the customer, or defects uncovered during live use of the system. Client is provided with regular maintenance and support for the developed software.

5.2 Total system

Here we try to describe the total system that we develop:

- Admin Login
- Create a Descriptive and MCQ Question Bank
- Add Descriptive Question
- Add MCQ Questions
- Generate Descriptive Question based on Subject at any time
- Generate MCQ Question at any time
- System can identify right answer and total correct answer automatically

5.3 Connection with the Database:

We use “SqlConnection” to connect with Database named “Questions”.

To connect with Database, the system need to know following things:

Server Name (Name of the Server PC) = ‘suvSoft’

Database Name: Name of the Database= “Question”

User of the Database= “sa”

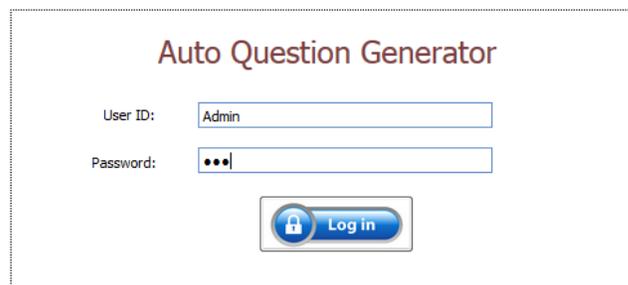
Password of the Database User sa= “123”

In C# we use and Class named Connections which contains following info:

```
public void GetConnection()
{
    string source = "server=suvSoft; Persist Security Info=true; user=sa; password=start777;
    initial Catalog=Question";
    connection = new SqlConnection(source);
    connection.Open();
}
```

5.3 Admin Login:

Only the Admin user can Login with full access of the system. We check the User ID and Password of the user before entering the system.



The screenshot shows a login form titled "Auto Question Generator". It contains two input fields: "User ID:" with the text "Admin" and "Password:" with three dots. Below the fields is a blue "Log in" button with a lock icon.

Fig 5.2: Admin login

5.3 Home Page:

Admin user can view Home page as bellow

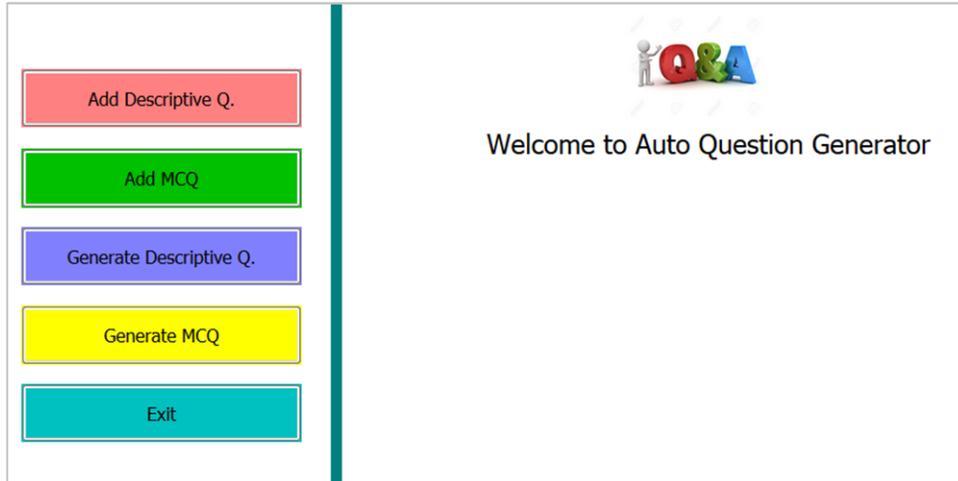


Fig 5.3: Home page

5.4 Add Descriptive Questions:

In our system admin user can add new questions. During saving questions, we also add related information like subjects, exam term, total marks. In the bellow image we can see 2 drop down box for Subject Name and Term. Thus, we can identify these questions during generation the question for specific needs at any time effortlessly.

Fig 5.4: Descriptive question

5.5 Add MCQ Questions:

In our system admin user can add new MCQ questions. During saving questions, we also add 4 options multiple options and one right answer so that the system can identify the right answer and can calculate the result at the end of the examination.

Fig 5.5: Adding MCQ Question

5.6 Generate Descriptive Question based on Subject at any time:

In our system, admin user can generate descriptive questions randomly based on the selected subject and term. During question generation we can add necessary instruction on the exam, date of the exam, total marks of the exam, total duration of the exam etc.

The screenshot shows a web interface for generating descriptive questions. On the left side, there is a vertical sidebar with five buttons: 'Add Descriptive Q.' (red), 'Add MCQ' (green), 'Generate Descriptive Q.' (blue), 'Generate MCQ' (yellow), and 'Exit' (teal). The main area on the right is titled 'Descriptive Question Generation' and contains a form with the following fields: 'Subject Name' (dropdown menu with 'Computer Fundamental' selected), 'Term' (dropdown menu with 'Mid Term' selected), 'Exam Date' (calendar icon with 'Monday , April 1 , 2019' displayed), 'Instruction' (text input with 'No Options. Please Answer all the Questions.'), 'Total Marks' (text input with '100 Marks'), and 'Exam Duration' (text input with '2 Hours|'). A 'Generate Questions' button is positioned below the 'Instruction' field.

Fig 5.6: Descriptive question generator

5.7 Generate MCQ Question at any time

In our system, admin user can generate MCQ questions randomly. An examiner can also get MCQ questions if he/she wants to sit for MCQ Exam. In that case, our system can identify the right and wrong answer and can also calculate the total score after finishing the MCQ Exam.

Question	Marks
1. What is i. Describe it.	1
2. Where is ABC	10
3. ddfd	1
4. What is m. Describe it.	1
5. What is h. Describe it.	1
6. What is v. Describe it.	1
7. What is n. Describe it.	1
8. What is i. Describe it.	1
9. What is o. Describe it.	1
10. What is d. Describe it.	1

Fig 5.7: Descriptive Question Marks

Show Questions

1. Where is 2 <input type="checkbox"/> a. dfdsfd <input checked="" type="checkbox"/> b. dfdsf <input type="checkbox"/> c. 2 <input type="checkbox"/> d. fdgfd	3. Where is 1 <input type="checkbox"/> a. dfdsfd <input type="checkbox"/> b. dfdsf <input checked="" type="checkbox"/> c. 1 <input type="checkbox"/> d. fdgfd	5. Where is 7 <input type="checkbox"/> a. dfdsfd <input checked="" type="checkbox"/> b. dfdsf <input type="checkbox"/> c. 7 <input type="checkbox"/> d. fdç	7. Where is D <input type="checkbox"/> a. D <input type="checkbox"/> b. dfdfdf <input checked="" type="checkbox"/> c. dfdfdsfdfsdf <input type="checkbox"/> d. fdg	9. Where is 9 <input type="checkbox"/> a. dfdsfd <input type="checkbox"/> b. dfdsf <input checked="" type="checkbox"/> c. 9 <input type="checkbox"/> d. fdgfd
2. Where is 10 <input type="checkbox"/> a. dfdsfd <input type="checkbox"/> b. dfdsf <input checked="" type="checkbox"/> c. 10 <input type="checkbox"/> d. fdgfd	4. Where is B <input type="checkbox"/> a. dsfds <input type="checkbox"/> b. dsfsdf <input checked="" type="checkbox"/> c. b <input type="checkbox"/> d. dsfsdfdsfds	6. Where is F <input type="checkbox"/> a. dfdsf <input type="checkbox"/> b. fdfsdf <input checked="" type="checkbox"/> c. F <input type="checkbox"/> d. dsfsdf	8. Where is E <input type="checkbox"/> a. dfdsf <input checked="" type="checkbox"/> b. E <input type="checkbox"/> c. dfdfdf <input type="checkbox"/> d. dsfsdfdsfsdf	10. Where is 4 <input type="checkbox"/> a. dfdsfd <input type="checkbox"/> b. dfdsf <input checked="" type="checkbox"/> c. 4 <input type="checkbox"/> d. fdgfd

Show Answers

Your Score is: ..

Fig 5.8: Answer Script Dashboard

After Submitting/ Complete the Exam, our System can identify the Right and Wrong Answer and also can calculate the score.

Show Questions

1. Where is 2 <input type="checkbox"/> a. dffdsfd <input checked="" type="checkbox"/> b. dffdsf <input type="checkbox"/> c. 2 <input type="checkbox"/> d. fdgfd Wrong	3. Where is 1 <input type="checkbox"/> a. dffdsfd <input type="checkbox"/> b. dffdsf <input checked="" type="checkbox"/> c. 1 <input type="checkbox"/> d. fdgfd Right	5. Where is 7 <input type="checkbox"/> a. dffdsfd <input checked="" type="checkbox"/> b. dffdsf <input type="checkbox"/> c. 7 <input type="checkbox"/> d. fdç Wrong	7. Where is D <input type="checkbox"/> a. D <input type="checkbox"/> b. dffdfj <input checked="" type="checkbox"/> c. dffdfsfdfdsf <input type="checkbox"/> d. fddg Wrong	9. Where is 9 <input type="checkbox"/> a. dffdsfd <input type="checkbox"/> b. dffdsf <input checked="" type="checkbox"/> c. 9 <input type="checkbox"/> d. fdgfd Right
2. Where is 10 <input type="checkbox"/> a. dffdsfd <input type="checkbox"/> b. dffdsf <input checked="" type="checkbox"/> c. 10 <input type="checkbox"/> d. fdgfd Right	4. Where is B <input type="checkbox"/> a. dsfds <input type="checkbox"/> b. dsffdsf <input checked="" type="checkbox"/> c. b <input type="checkbox"/> d. dsffdsffdsf Right	6. Where is F <input type="checkbox"/> a. dffdsf <input type="checkbox"/> b. fdffdsf <input checked="" type="checkbox"/> c. F <input type="checkbox"/> d. dsffdsf Right	8. Where is E <input type="checkbox"/> a. dffdsf <input checked="" type="checkbox"/> b. E <input type="checkbox"/> c. dffdfdf <input type="checkbox"/> d. dsffdsffdsf Right	10. Where is 4 <input type="checkbox"/> a. dffdsfd <input type="checkbox"/> b. dffdsf <input checked="" type="checkbox"/> c. 4 <input type="checkbox"/> d. fdgfd Right

Show Answers

Your Score is: 7

Fig 5.9: Result Dashboard

CHAPTER 6

CONCLUSION

6.1 Goal

Actually, we have a goal to develop a Question Bank both for Descriptive & MCQ and Generate Quality Questions effortlessly. We can also evaluate the answer of MCQ automatically after completion the Test. Other objective of this project is to reduce time and effort and maintain a standard level of Exam Questions. We can store questions in subject and exam term wise, so that we can generate it accordingly later.

6.2 Limitations

There are some limitation of our system also which are as bellow:

1. We already generate MCQ Questions but we do not launch it for students who can login the system with student access.
2. We have Admin Access but have no Student Access.

6.3 Future development

We will incorporate following things in future:

1. Student can login into our system with his/her user id and password
2. Individual Student can get different questions (randomly generated) every time.

6.4 Conclusion

In conclusion, we can say, our motive is to introduce a cost effective and user friendly question generator with customer's/ examiner's satisfaction. The features, that we already introduced here is almost ensure it and we believe, we can do it successfully. But we also identify some limitation and also hope we can overcome it in near future.

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