

# **MINI PROJECT OR INTERNSHIP ASSESSMENT**

ON

**“ONLINE EXAMINATION SYSTEM”**

AT

**KSS PVT. LTD.**

Submitted in partial fulfillment of the requirements

For the award of degree of

**Bachelor of Technology**

In

**Computer Science and Engineering**

**Submitted to:**

Assit. Prof. Mr. Satyam Singh

(CSE Dept)

**Submitted by:**

Jyoti Yadav

(2101440109004)



**PRASAD INSTITUTE OF TECHNOLOGY, JAUNPUR**

Affiliated To

**Dr. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY,**

**LUCKNOW**

Dec-2022

# CERTIFICATE



## **DECLARATION**

I hereby declare that the Mini Project Report entitled "Online Examination System" is an authentic record of my own work as requirements of one month Internship Assessment during the period from 18 May 2022 to 17 July 2022 for the award of degree of B.Tech. (Computer Science & Engineering), PIT-Jaunpur, under the guidance of Mr. Satyam Mishra.

**Jyoti Yadav  
(2101440109004)**

**Date:** \_\_\_\_\_

Certified that the above statement made by the student is correct to the best of our knowledge and belief.

**Examined by:**

**Head of Department  
(CSE)  
PIT JAUNPUR**

## **ACKNOWLEDGEMENT**

The successful completion of this project mark the beginning of an ever - going learning experience of converting ideas and concepts into real life, practical system. This project was a quite a learning experience for me at each and every step. At the same time it has given me confidence to work in professional setup. I feel the experience gained during the project will lead me to gain the bright prospect in the future. First of all I would like to give thanks to Head, Education and Training, Mr. Satyam Mishra, for giving me the opportunity to work in this esteemed organization, which not only has increased our awareness about latest fields but also taught me the importance of team building. With the deep sense of gratitude, I express my sincere thanks to Mr. Shubham Mishra, for her active support and continuous guidance without which it would have been difficult for me to complete this project. I will also like to the other working staff teachers at KSS PVT. LTD. for taking keen interest in my project and giving valuable suggestions and helping me directly or indirectly to complete this project.

Jyoti Yadav  
(2101440109004)  
B.Tech(CSE)  
3<sup>rd</sup> Year

## **ABOUT COMPANY**

Kamadgiri Software Solutions (KSS) is a fastest growing **ISO 9001:2015 Certified Company**. It is a next-generation global technology company that helps enterprises reimagine their businesses for the digital age. KSS is started by two young professionals. Er. S Mishra, An expert from IT Industry , and Er. Shubham Mishra, B.Tech in Information Technology from Mahatma Gandhi University.

KSS is an IT company incorporated with **Ministry of Corporate Affairs - Government of India**; to facilitate software development and IT training in India. We work for domestic as well as international clients. KSS is headquartered in a religious city- Chitrakoot (UP). We offer an integrated portfolio of products, solutions, services, and IP through our Mode 1-2-3-4 strategy built around Digital, IoT, Cloud, Automation, Cybersecurity, Analytics, Infrastructure Management and Engineering Services, amongst others, to help enterprises reimagine their businesses for the digital age.

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# **CHAPTER - 1**

## **INTRODUCTION**

The Online Examination System is an electronic application. It is an on-line test simulator is to take online examination, test in an efficient manner and no time wasting for manually checking of the test paper. The main objective of this web based online examination system is to efficiently evaluate the student thoroughly through a fully automated system that not only saves lot of time but also gives fast and accurate results. For students they give papers according to their convenience from any location by using internet and time and there is no need of using extra thing like paper, pen etc.

Online examination system helps students to offer a quick and easy way to appear for the test. It also provides the results immediately after the examination with 100% accuracy and security. Student can enter to perform exam only with their valid username and password. This examination contains multiple choice questions and appropriate number of options. There are no limitations on number of options and it can be randomized so same set of question will not appear to all student so it prevent manipulation. More than one option can be correct but the user can select only one option. This provides time limit. The user can see their results after completing the exam.

### **.1.1 About Project: -**

The Online Examination System is an electronic application. It is an on-line test simulator is to take online examination, test in an efficient manner and no time wasting for manually checking of the test paper. The main objective of this web based online examination system is to efficiently evaluate the student thoroughly through a fully automated system that not only saves lot of time but also gives fast and accurate results. For students they give papers according to their convenience from any location by using internet and time and there is no need of using extra thing like paper, pen etc.

Online examination system helps students to offer a quick and easy way to appear for the test. It also provides the results immediately after the examination with 100%

accuracy and security. Student can enter to perform exam only with their valid username and password. This examination contains multiple choice questions and appropriate number of options. There are no limitations on number of options and it can be randomized so same set of question will not appear to all student so it prevent manipulation. More than one option can be correct but the user can select only one option. This provides time limit. The user can see their results after completing the exam. This helps the students to write the exam from far distance and which can provide security and simplicity and other beneficial features to the user.

The project mainly intends to provide the insight of the functionality and behaviour of the Online Examination System. This project integrates computer and Internet technologies for the purpose of student assessment. It provides the options of the examinations available on the system according to the user privilege. Based on the choice of the user, the system provides the questions related to that area. Mostly the questions are in the form of multiple-choice question, they can also be filling in the blanks, matching and essay questions. At the end of the questions, the user will be given the options to report or cancel the scores.

## **1.2 Advantages of Online Examination System**

- The result is declared immediately.
- Chances of Cheating are negligible.
- Chances of Question Paper Leakage minimized as there is no hard copy, which passes
- Through a number of Hands before Exam.
- No Hard Copy Answer Sheet is required, No tampering of Answer Sheet.
- N Number of Candidate can appear in the exam.
- 100% Accurate
- 100% Transparent
- Highly Economical
- Time-Saving
- Secure
- Paper-Saving



### **1.3 Disadvantages of Online Examination System**

- Cheating problem by opening another sites.
- Everyone is not having computer knowledge.
- Wi-Fi Connectivity issues.
- Electricity Problem.

### **1.4 Objective of Project:**

- Study different types of Online Examination System installed and working in different academic institutions of MP.
- To study the barriers of Online Examination System working in different Academic Institution of UP.
- To Develop and design Online Examination System for Faculty of Engineering and Technology, MGCGV.
- To test and validate the developed Online Examination System.

## **CHAPTER-2**

### **TOOLS AND TECHNOLOGY**

#### **2.1 Hardware Requirement (Minimum): -**

##### **Server Side:**

- Xeon based or higher end Server
- 4 GB RAM
- 200 GB DISK SPACE

##### **Client Side:**

- Internet explorer 8 , Chrome or any supported browser
- Pentium
- 256 MB RAM
- 1 GB HDD

##### **Development (Coder) Side:**

- Processor - Pentium IV 2.0 or above.
- RAM - 2 GB
- Disk space - 10 GB
- Graphics Card – 1 GB

#### **2.2 Software Requirements (Minimum): -**

##### **Server Side:**

- Operating System – Windows Server 2008 or above
- Database Server – SQL Server Management Studio 2008
- Web Server – IIS Server
- Web browser - Google Chrome

##### **Client Side:**

- Operating System – Windows 8 or above
- Web browser - Google Chrome

##### **Development (Coder) Side:**

- Operating System – Windows 8 or above
- Database Server – SQL Server Management Studio 2008
- Web Server – IIS Server
- Web browser - Google Chrome
- Framework - ASP .Net Web Application(.Net Framework)

- IDE – Visual Studio of Microsoft

## 2.3 Technologies used: -

### Front-end

- Designing – HTML, CSS, Bootstrap & Media Query
- Client-Side Programming language – Java Script, jQuery

### Back-end

- Database – MSSQL
- Programming Language – .NET With MVC- C#

## 2.4 Steps of SDLC:



Figure (3.9.1): SDLC

To solve an actual problems in an industry, software developer or a team of developers must integrate with a development strategy that include the process, methods and tools layer and generic phases. This strategy is often referred to a process model or a software developing paradigm. Our project follows the waterfall model.

### Waterfall Model (steps):

- Requirement Definition
- System and Software Design
- Implementation
- Integration and System Testing
- Operation and Maintenance

## 2.5 System Design: -

**Design Strategy** -In software engineering, multi-tier architecture is a client –server architecture in which presentation, application processing, and data management functions are logically separated. For example, an application that uses middleware to service data requests between a user and a database employs multi-tier architecture. The most widespread use of multi-tier architecture is the three-tier architecture.

### Three-Tier Architecture -

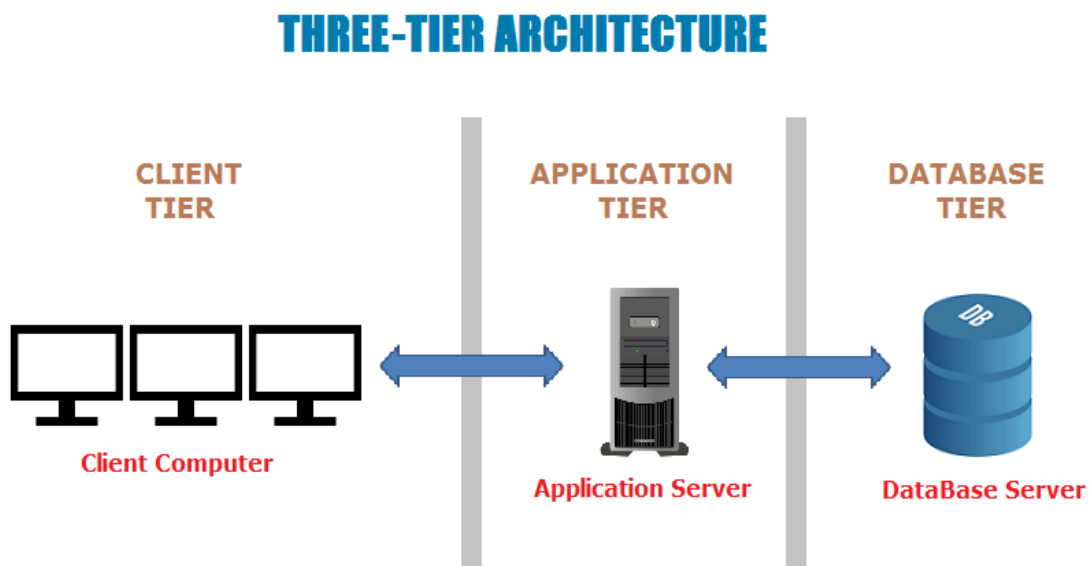


Figure (3.12.1): Three-Tier Architecture

Three-tier architecture is a client – server architecture in which the user interface, functional process logic ("business rules"), computer data storage and data access are developed and maintained as independent modules, most often on separate platforms. The three-tier model is a software architecture pattern. Apart from the usual advantages of modular software with well-defined interfaces, the three-tier architecture is intended to allow any of the three tiers to be upgraded or replaced independently in response to changes in requirements or technology. For example, a change of operating system in the presentation tier would only affect the user interface code. Typically, the user interface runs on a desktop PC or work station and uses a standard graphical user interface, functional process logic that may consist of one or more separate modules running on a workstation or application server, and an RDBMS on a database server or mainframe that contains the computer data storage logic. The middle tier may be multi-tiered itself (in which case the overall architecture

is called an "n-tier architecture"). By introducing the middle layer, the client is only handling presentation logic. This means that only little communication is needed between the client and the middle tier making the client “thin” or “thinner”. An example of a thin client is an Internet browser that allows you to see and provide information fast and almost with no delay. Three-tier architecture has the following three tiers:

**Presentation Tier** - This is the topmost level of the application. The presentation tier displays information related to such services as browsing merchandise, purchasing and shopping cart contents. It communicates with other tiers by outputting results to the browser/client tier and all other tiers in the network. (In simple terms it's a layer which users can access directly such as a webpage, or an operating systems GUI)

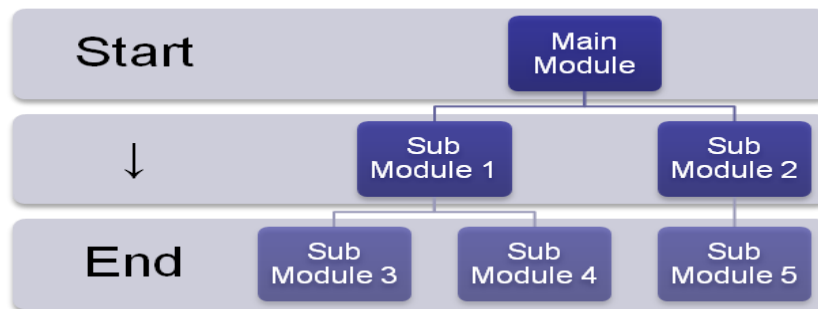
**Application Tier** – It is also called as business logic, logic tier, data access tier, or middle tier. The logical tier is pulled out from the presentation tier and, as its own layer, it controls an application’s functionality by performing detailed processing.

**Data Tier** - This tier consists of database servers. Here information is stored and retrieved. This tier keeps data neutral and independent from application servers or business logic. Giving data its own tier also improves scalability and performance. As more users access the system a three-tier solution is more scalable than the other solutions because you can add as many middle tiers (running on each own server) as needed to ensure good performance (N-tier or multiple-tier). Security is also the best in the three-tier architecture because the middle layer protects the database tier. There is one major drawback to the N-tier architecture and that is that the additional tiers increase the complexity and cost of the installation.

#### **System Design Approach:**

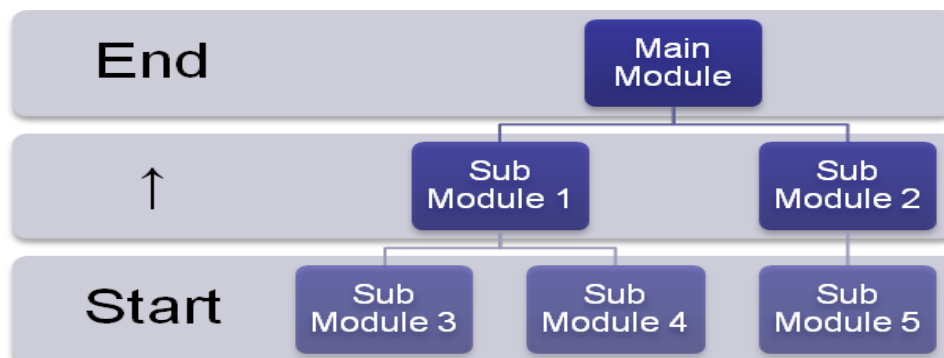
In this project we have used the two modular approaches. These approaches we have used in the development and the implementation. These approaches are described below.

**Top Down Approach:-**Top down approach is the approach in modular programming that we have used in the development. In this approach we divide the module into the sub module and then again we divide these sub modules into small module till the end. Each module treated as a module and then we solve the each module separately.



#### **Bottom up approach:-**

Bottom approach we have used in the implementation of the project. In the bottom up approach we integrate the separated modules in a single module as a whole. We start from the bottom and go to up of the system that means each sub modules integrated and we get a module and again this process will go till the end and we get finally the main module.

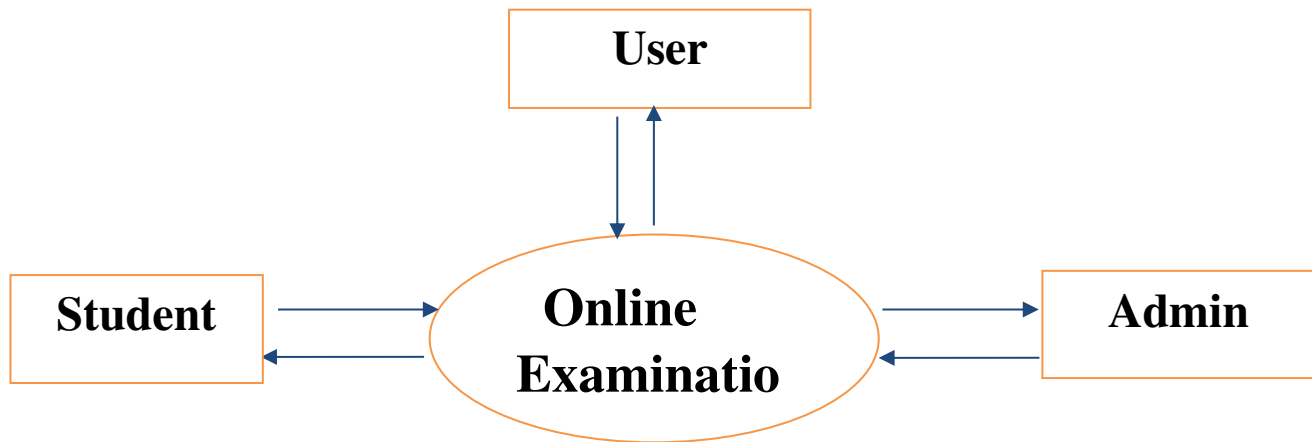


#### **Approach we are following:-**

In this project we are following **Mixed Approach** i.e. A combination of top – down and bottom – up. We are developing some of the components using top – down designing approach (e.g. the Web Pages)and the some components in bottom – up designing approach (e.g. the middle tier classes).

## 2.6 Data Flow Diagram: -

### ZERO LEVEL DFD:



### FIRST LEVEL DFD:

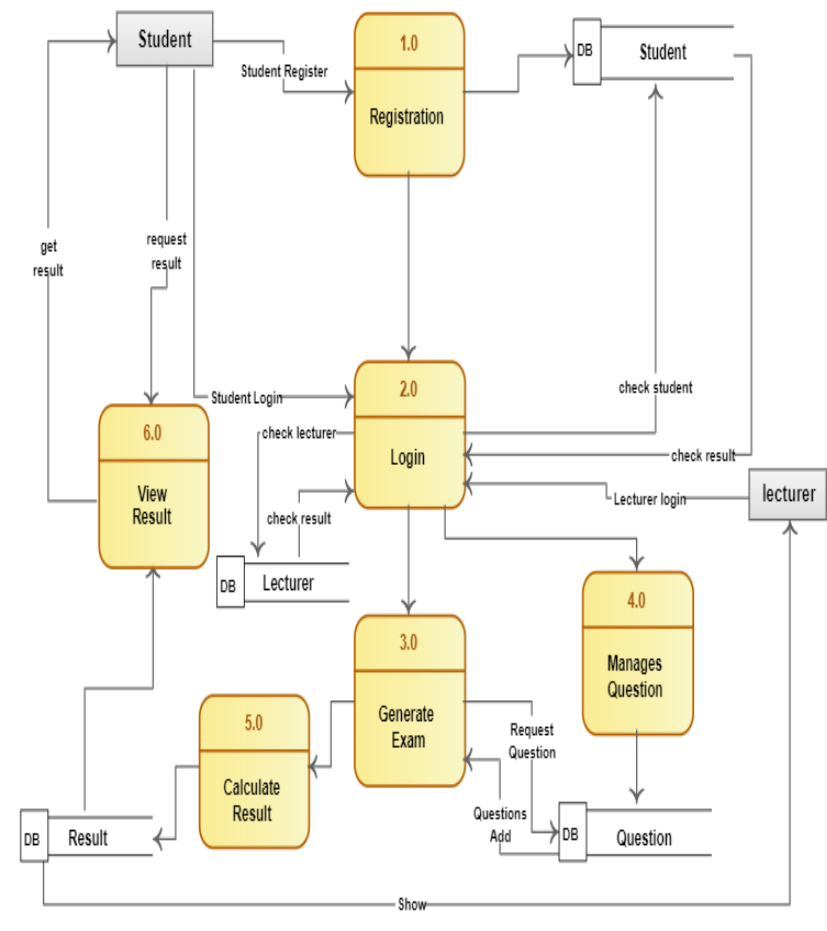


Figure (3.15.1): Data Flow Diagram

## **2.7 MODULES DESCRIPTION:-**

**Modules' Description:** There are 15 main modules in the system which can be sequentially listed as given below-

1. Candidate's Registration
2. Candidates Login & Authentication
3. Enquiry Management
4. News & Updates Management
5. SMS API Integration
6. Google Map Integration
7. Live chat API Integration
8. Admin Login & Authentication
9. Candidate's Profile Management
10. Cryptography
11. Human Detection by using Captcha Code
12. Forget Password Management
13. Question Paper Management
14. Result Management
15. Expert Searching

## **2.8 Database Design**

Database design is actually the designing of the database that means it is responsible for designing all the data and records in such a manner so that they can easily access and if they require any changes it can be done. The database design refers to the creating the database means the designing the structure of the database this all included in the database design. The database design can be done in different ways.

### **Conceptual Database Design:**

#### **Identified Entities Definition:**

An entity is a grouping of things with rules or data in common. An entity often represents a group of people (e.g. children, applicants, stakeholders) but it can also represent a group of objects (e.g. textbooks), activities (e.g. assignments) or concepts (e.g. school terms).



By defining entities, the same set of rules can be used for multiple instances of the same type, and rules can be written which relate to all of those instances. e.g. the following table show the information related Course entity in an Institute Management System.

### **Relationship among entities:**

Relationship is an association among the instances of one or more entity types that is of interest to the organization. A relationship type is a meaningful association between entity types. Relationships are classified in terms of degree, connectivity, cardinality, and existence. There are three degrees of relations - unary, binary and n-ary.

**Unary relationships** are relationships between the instances of single entity types. The business model chosen does not contain any unary relationship.

**Binary relationships** are relationships between instances of two entity types. There can be three types of binary relationships – one to one, one to many and many to many categorized on the basis of cardinalities and participation.

**Cardinality** specifies the number of instances of one entity that can be associated with each instance of another entity. *Participation* is the minimum cardinality of a relationship.

### **Entity Relationship Model (E-R Diagram):**

The **entity-relationship (E-R)** data model perceives the real world as consisting of basic objects, called *entities*, and *relationships* among these objects. It was developed to facilitate database design by allowing specification of an *enterprise schema*, which represents the overall logical structure of a database. The E-R data model is one of several semantic data models; the semantic aspect of the model lies in its representation of the meaning of the data.

Such a diagram consists of the following major components:

- **Rectangles:** which represent entity sets.
- **Ellipses:** which represent attributes.
- **Diamonds:** which represent relationship sets.
- **Lines:** which link attributes to entity sets and entity sets to relationship sets.

- **Double ellipses:** which represent multivalued attributes.
- **Dashed ellipses:** which denote derived attributes.
- **Double lines:** which indicate total participation of an entity in a relationship set.
- **Double rectangles:** which represent weak entity sets.

#### **About Database Server:-**

##### **SQL Server Management Studio (SSMS):-**

MS SQL Server Management Studio is a workstation or a client tool which is used to connect to and manage your SQL Server. SQL Server Management Studio (SSMS) is a windows software or a client tool used to connect and work with our SQL Server from a graphical interface instead of using the command line. Microsoft SQL Server 2005 launched the management studio to work with SQL Server and Azure SQL databases. It allows DBAs and database developers to configure, manage, and administer all components within SQL Server. Its main functionality is to create databases and tables, execute SQL queries for inserting, updating, and deleting data, creating and managing stored procedures, triggers, views, and cursors. It also enables us to set privileges (securities) on databases and their objects. SSMS also includes tools for deployment, database health monitoring, and reporting. It includes SQL Profiler, which allows us to examine the performance of our SQL databases. It's also possible to use it to schedule background work. If we want to connect to a remote SQL Server instance, we'll need this GUI tool or similar software. It is used by Administrators, Developers, Testers, etc. The latest version of SQL Server Management Studio is SSMS 18.8 RC. If we have installed a previous version, we just need to install SSMS 18.8 upgrades.

##### **How MSSQL works:-**

A SQL Database is comprised of one or more data files (.mdf/.ndf) and one transaction log file (.ldf). Data files contain schema and data, and the Log file contains recent changes or adds. Data is organized by pages (like a book), each page is 8KB.

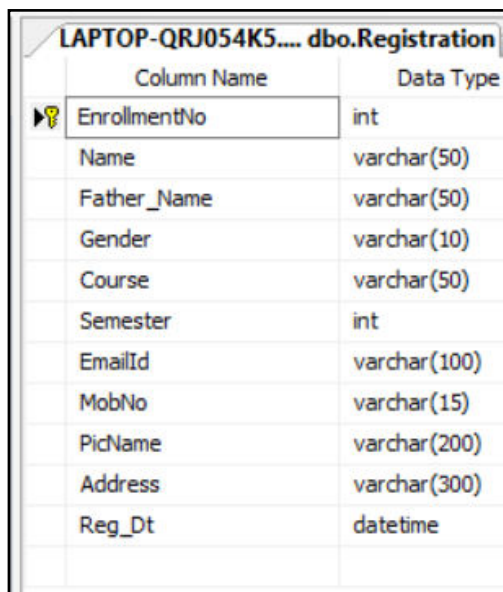
## CHAPTER -3

### RESULT

#### 3.1 Snapshots :-

**Table No: 1**

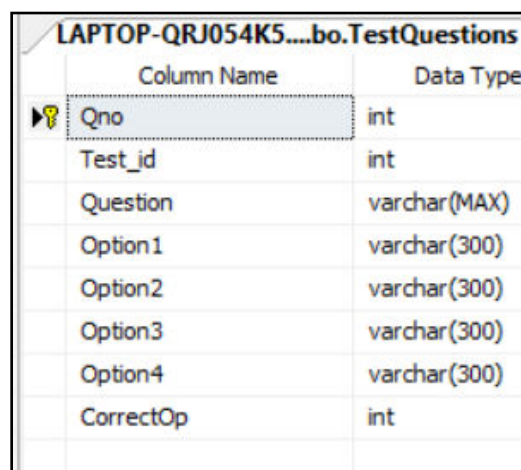
**Table Name:-** Registration



Column Name	Data Type
EnrollmentNo	int
Name	varchar(50)
Father_Name	varchar(50)
Gender	varchar(10)
Course	varchar(50)
Semester	int
EmailId	varchar(100)
MobNo	varchar(15)
PicName	varchar(200)
Address	varchar(300)
Reg_Dt	datetime

**Table No: 2**

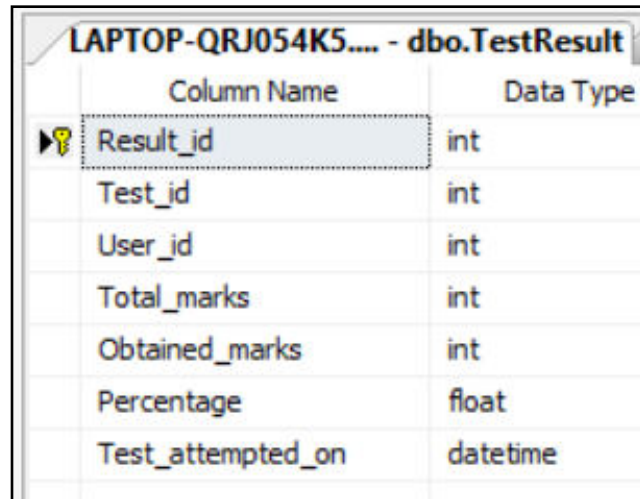
**Table Name:-** TestQuestion



Column Name	Data Type
Qno	int
Test_id	int
Question	varchar(MAX)
Option1	varchar(300)
Option2	varchar(300)
Option3	varchar(300)
Option4	varchar(300)
CorrectOp	int

**Table No: 3**

**Table Name:-** TestResult

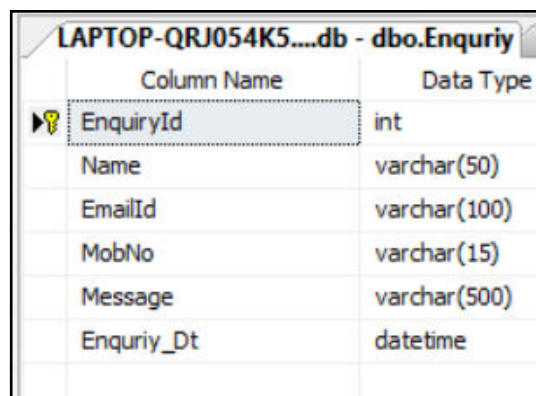


The screenshot shows a window titled 'LAPTOP-QRJ054K5.... - dbo.TestResult'. It displays a table with two columns: 'Column Name' and 'Data Type'. The table contains the following rows:

Column Name	Data Type
Result_id	int
Test_id	int
User_id	int
Total_marks	int
Obtained_marks	int
Percentage	float
Test_attempted_on	datetime

**Table No: 4**

**Table Name:-** Enquiry



The screenshot shows a window titled 'LAPTOP-QRJ054K5....db - dbo.Enquiry'. It displays a table with two columns: 'Column Name' and 'Data Type'. The table contains the following rows:

Column Name	Data Type
EnquiryId	int
Name	varchar(50)
EmailId	varchar(100)
MobNo	varchar(15)
Message	varchar(500)
Enquiry_Dt	datetime

**Table No: 5**

**Table Name:-** UserFeedback

LAPTOP-QRJ054K...bo.UserFeedback		
	Column Name	Data Type
▶🔑	Feedback_Id	int
	UserId	int
	Topic	varchar(100)
	Message	varchar(MAX)
	Feedback_Dt	datetime

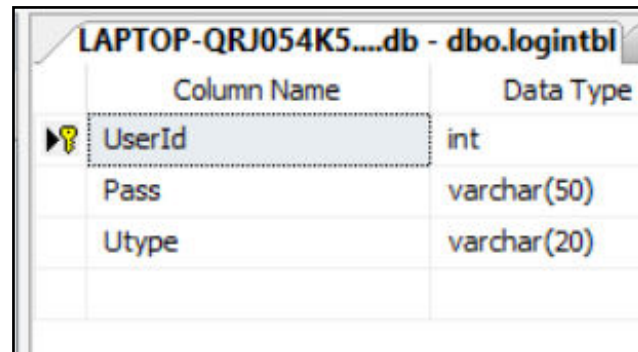
**Table No: 6**

**Table Name:-** Notification

LAPTOP-QRJ054K5.... dbo.Notification		
	Column Name	Data Type
▶🔑	Nid	int
	Msg	varchar(300)
	N_Dt	datetime

**Table No: 7**

**Table Name:-** login

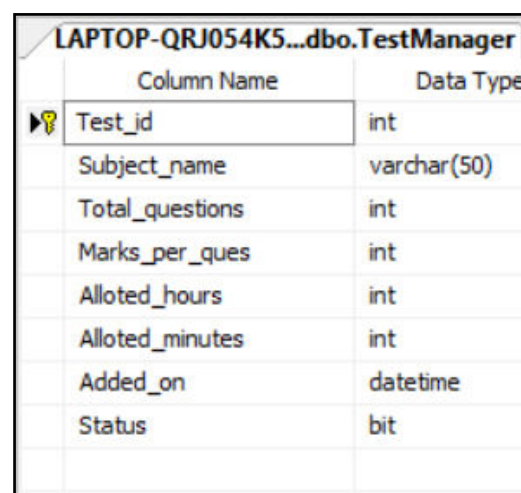


The screenshot shows a window titled 'LAPTOP-QRJ054K5....db - dbo.logintbl'. It displays a table with two columns: 'Column Name' and 'Data Type'. The table contains three rows of data. The first row has 'UserId' as the column name and 'int' as the data type, with a primary key icon to its left. The second row has 'Pass' as the column name and 'varchar(50)' as the data type. The third row has 'Utype' as the column name and 'varchar(20)' as the data type.

Column Name	Data Type
UserId	int
Pass	varchar(50)
Utype	varchar(20)

**Table No: 8**

**Table Name:-** TestManager

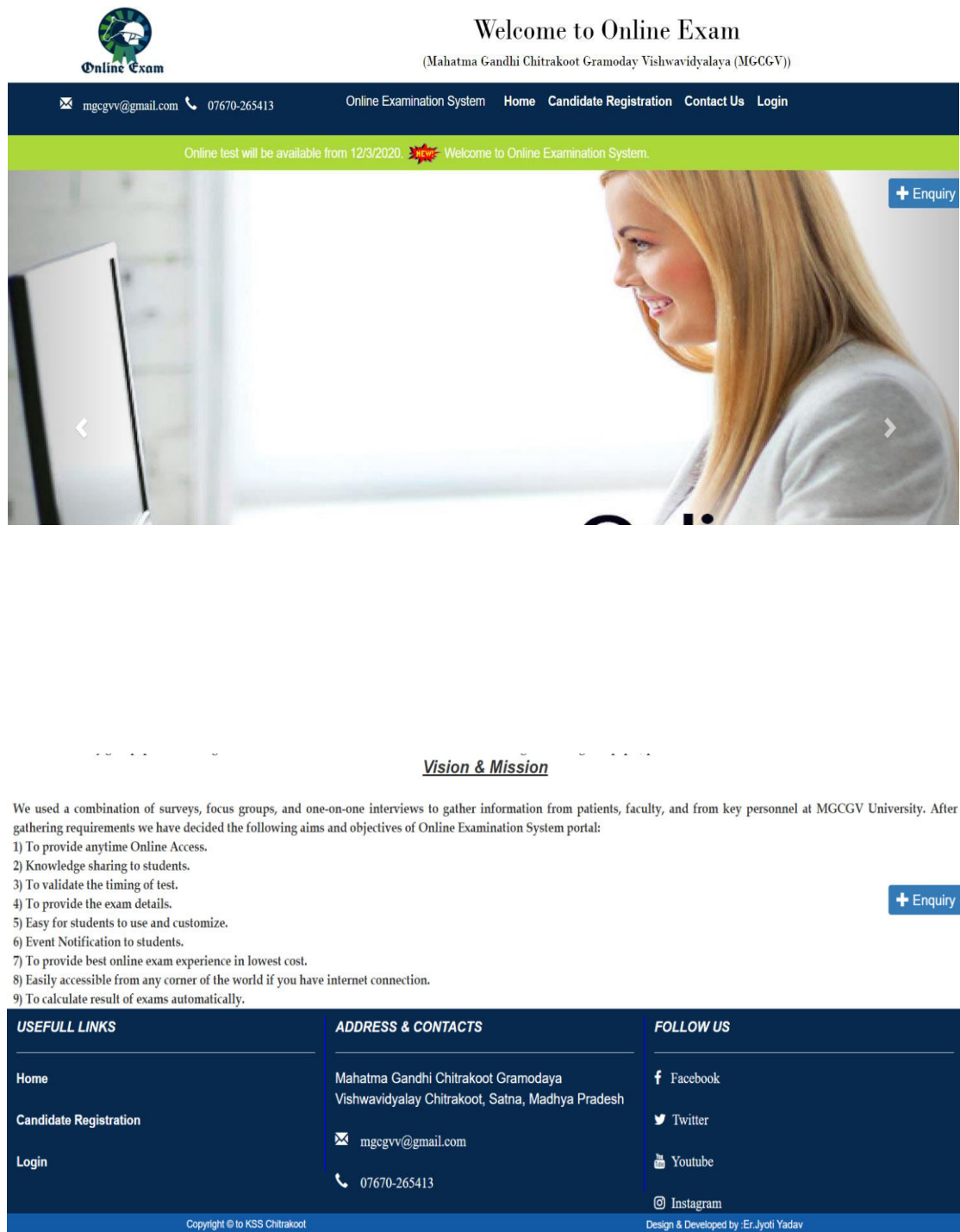


The screenshot shows a window titled 'LAPTOP-QRJ054K5...dbo.TestManager'. It displays a table with two columns: 'Column Name' and 'Data Type'. The table contains eight rows of data. The first row has 'Test\_id' as the column name and 'int' as the data type, with a primary key icon to its left. The subsequent rows are: 'Subject\_name' (varchar(50)), 'Total\_questions' (int), 'Marks\_per\_ques' (int), 'Alloted\_hours' (int), 'Alloted\_minutes' (int), 'Added\_on' (datetime), and 'Status' (bit).

Column Name	Data Type
Test_id	int
Subject_name	varchar(50)
Total_questions	int
Marks_per_ques	int
Alloted_hours	int
Alloted_minutes	int
Added_on	datetime
Status	bit

## User Interface

**Home :** This image tell about first Home page interface of project OES.



**About Us:** This page tell about institute.

### About Us

Mahatma Gandhi Chitrakoot Gramoday Vishwavidyalaya (MGCGV) is a first rural university at [Chitrakoot, India](#). It has been accredited Grade A by NAAC. It was established on February 12, 1991 by social activist [Bharat Ratna Nanaji Deshmukh](#), by a separate MP Government Act (9, 1991). Named after [Mahatma Gandhi](#) this university aims to provide higher education to people living in [rural areas](#). The university is dedicated for teaching, learning, research and extension. It offers its students and staff members facilities such as a central library, computer center and mess. The campus is fully Wi-Fi.

Gramodaya University's activities in education, research and extension focus on rural development. The university creates human resources, develops appropriate technologies, conducts research and extension in sustainable agricultural techniques for rural livelihood and proper management of rural resources. It also imparts mass education for the awareness of the rural population including women, and supports the exploration of alternative sources of energy.


An online examination system for students of MGCGV is a web application that establishes a network between the organization and applicants. The organization enters on the site the questions they want in the exam. These questions are displayed as a test to the eligible students. The answers inputted by the applicants are then evaluated and their score is calculated and saved. This score then can be accessed by the Admin to determine the passes students or to evaluate their performance.

The purpose of on-line test simulator is to take online test in an efficient manner and no time wasting for checking the paper. The main objective of on-line test simulator is to efficiently evaluate the candidate thoroughly through a fully automated system that not only saves lot of time but also gives fast results.

For students they give papers according to their convenience and time and there is no need of using extra thing like paper, pen etc.

[+ Enquiry](#)

**Contact Us:** This Part tells about institute contact information and address.




Online Exam

## Welcome to Online Exam

(Mahatma Gandhi Chitrakoot Gramoday Vishwavidyalaya (MGCGV))

[mgcgvv@gmail.com](#) [07670-265413](#) [Online Examination System](#) [Home](#) [Candidate Registration](#) [Contact Us](#) [Login](#)

Online Examination System.



### Contacts Details

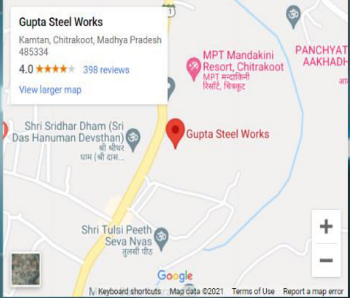
Online Examination System, MGCGV Chitrakoot

**Address:** Mahatma Gandhi Chitrakoot Gramodaya Vishwavidyalaya  
State Highway 11, Janki Kund, Chitrakoot, Madhya Pradesh (MP)  
485334

**Pincode:** 485334

**Email-Id:** mgcgvv@gmail.com

**MobileNo:** 07670-265413



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Kamtan, Chitrakoot, Madhya Pradesh  
485334  
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MPT Mandakini Resort, Chitrakoot  
Rajit, Rajg

PANCHYAT AAKHADH

Shri Sridhar Dham (Sri Das Hanuman Devsthan)

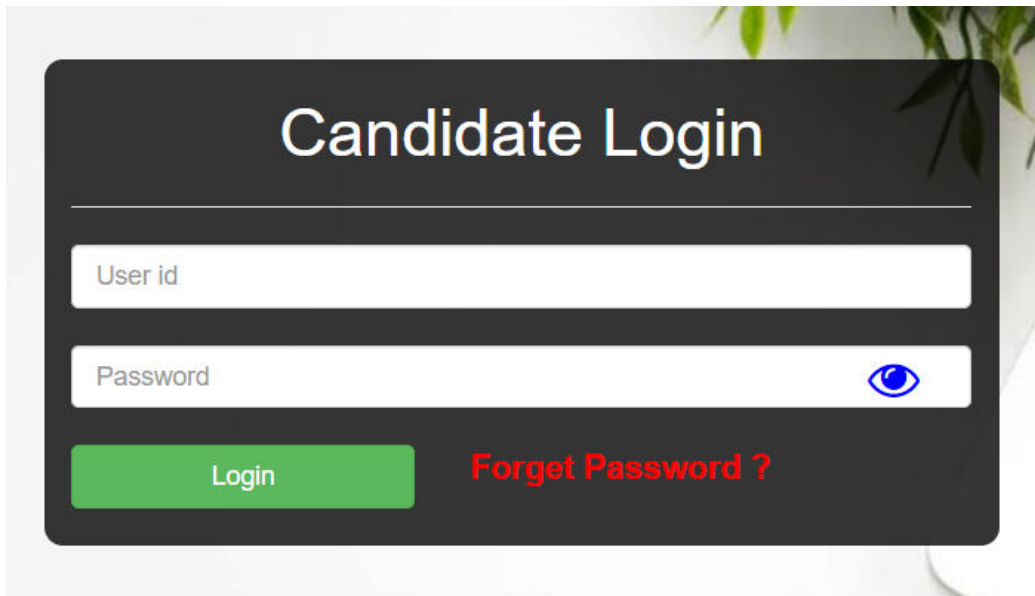
Shri Tulsi Peeth Seva Nyas

Google

Keyboard shortcuts Map data ©2021 Terms of Use Report a map error




**Login:** This is login interface to student.

A dark-themed login form titled "Candidate Login". It features two input fields: "User id" and "Password". The "Password" field has a blue eye icon for toggling visibility. Below the fields is a green "Login" button and a red "Forget Password ?" link.

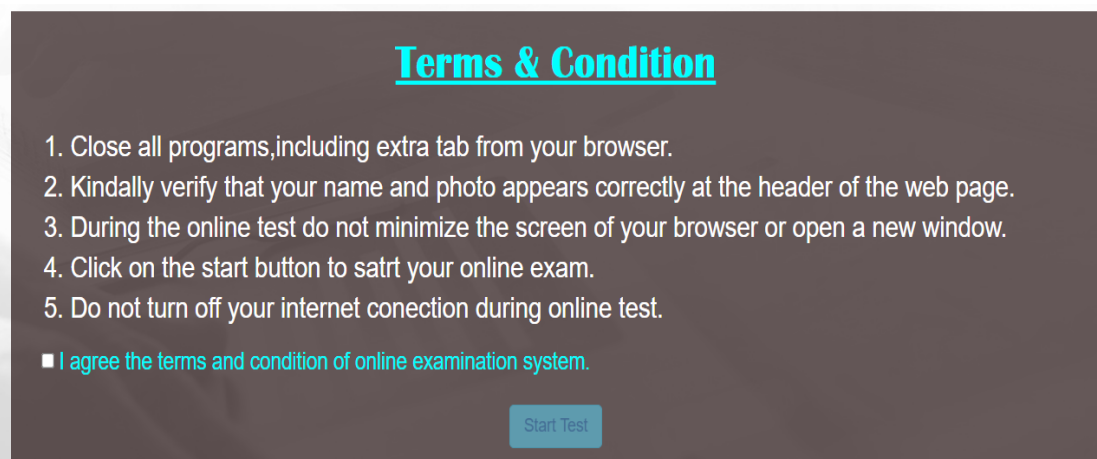
Candidate Login

User id

Password 

Login Forget Password ?

**Terms & Conditions:** This part is tells terms and condition for before starting exam.

A dark-themed screen titled "Terms & Condition" with a list of five instructions. At the bottom, there is a checkbox labeled "I agree the terms and condition of online examination system." and a blue "Start Test" button.

Terms & Condition

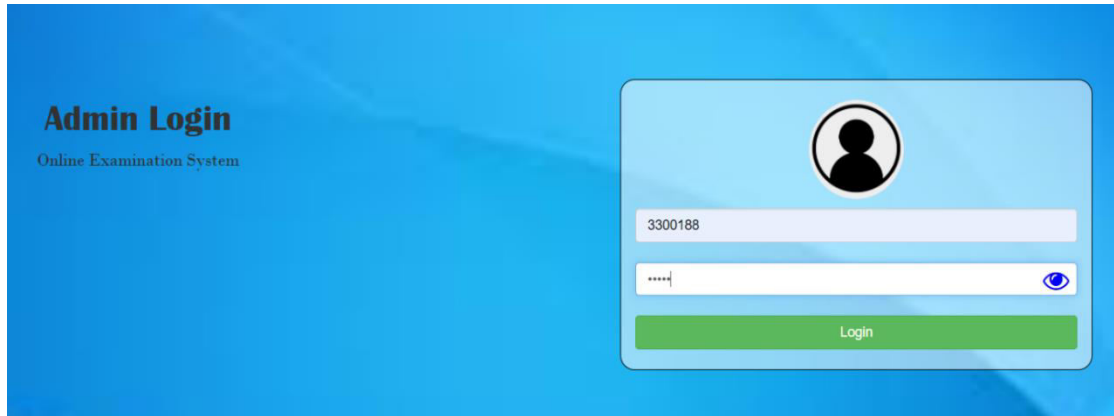
1. Close all programs,including extra tab from your browser.
2. Kindally verify that your name and photo appears correctly at the header of the web page.
3. During the online test do not minimize the screen of your browser or open a new window.
4. Click on the start button to satrt your online exam.
5. Do not turn off your internet conection during online test.

☐ I agree the terms and condition of online examination system.

Start Test

## Admin Zone

**Admin Login** This interface tell about admin login page.



The Admin Login interface features a blue background. On the left, the text "Admin Login" is displayed in bold, with "Online Examination System" below it. On the right, there is a light blue rounded rectangle containing a user icon, a text input field with the value "3300188", a password input field with masked characters "\*\*\*\*\*" and an eye icon, and a green "Login" button.

**Upload Question Paper:** Here admin upload question paper.

---

**Test Management**

Subject Name

Total number of questions


Marks per question

Alloted Hours

Alloted Minutes


Save Test Record

Test Id	Subject Name	Total Questions	Marks/Ques	Alloted Time	Add Questions
1	Java	20	2	0 : 20	<a href="#">Add</a>
2	c	20	20	0 : 20	<a href="#">Add</a>
3	C Language	5	2	0 : 5	<a href="#">Add</a>
4	Java	1	1	0 : 1	<a href="#">Add</a>
5	C++	10	2	0 : 10	<a href="#">Add</a>



## Welcome to Admin Zone Of Online Examination System

(Mahatma Gandhi Chitrakoot Gramoday Vishwavidyalaya (MGCGV))


Settings ▾

[Online Exam](#) | 
 [Home](#) | 
 [Management ▾](#) | 
 [Send SMS](#) | 
 [News & Updates](#) | 
 [Enquiry Management](#) | 
 [Result Management](#)

### Feedback Managment

Feedback Id	User Id	Topic	Message	Date Time
13	10017	feedback about exam	ALL THE BEST	27-07-2021 12:49:41
12	10016	feedback about exam	GOOD	25-07-2021 14:26:56
11	10001		hi	18-07-2020 08:41:05
8	10001			13-07-2020 07:11:17
7	10001			11-07-2020 16:57:48
6	10001	feedback about exam	jghkdjklkvsjkhghghhhhhhhhhhhhhhhhhhhhsdd	11-07-2020 10:17:14
5	10001			10-07-2020 16:04:24
4	10001			09-07-2020 21:50:20
3	10001			08-07-2020 16:05:10
2	10001			07-07-2020 23:07:30
1	10001	feedback about exam	jghkdsghkj	07-07-2020 21:24:10



## Add Notification

Notification:



Save Record

Manage Notification			
SN	Link	Notification	Delete
10	Online test will be available from 12/3/2020.	11-07-2020 12:45:31	<a href="#">Remove</a>
9	Welcome to Online Examination System.	11-07-2020 12:44:43	<a href="#">Remove</a>

**Manage Enquiry:** All enquiry information are stored.

		<b>Welcome to Admin Zone Of Online Examination System</b> (Mahatma Gandhi Chitrakoot Gramoday Vishwavidyalaya (MGCGV))			 Admin	<a href="#">Settings</a>
Online Exam	Home	Management	Send SMS	News & Updates	Enquiry Management	Result Management
<b>Enquiry Management</b>						
Enquiry Id	Name	EmailId	Mobile No	Message	Date Time	
9	ramesh	ramesh@gmail.com	8381930893	hi	27-07-2021 12:52:40	
8	iyoti	iyoti@gmail.com	8788231456	hi	25-07-2021 08:40:01	
7	iyoti	iyoti@gmail.com	8381930893	hi	20-07-2020 13:29:39	
6	iyoti	iyoti@gmail.com	678934129	hkggy	19-07-2020 09:48:39	
5	iyoti	iyoti@gmail.com	7348742215	d	18-07-2020 10:11:25	
4	iyoti	iyoti@gmail.com	8381930893	hii	18-07-2020 08:50:08	
3	iyoti	iyoti@gmail.com	8381930893	jkkil	13-07-2020 16:52:28	
2	iyoti	iyoti@gmail.com	23345568	tyu	04-07-2020 14:39:12	
1	iyoti	abc@gmail.com	34577	ngm	04-07-2020 06:36:50	

**Result Management:** Here all result are stored.

		<b>Welcome to Admin Zone Of Online Examination System</b> (Mahatma Gandhi Chitrakoot Gramoday Vishwavidyalaya (MGCGV))			 Admin	<a href="#">Settings</a>
Online Exam	Home	Management	Send SMS	News & Updates	Enquiry Management	Result Management
<b>Result Management</b>						
Result Id	Test Id	Name	Total Marks	Obtain Marks	Percentage	Date Time
34	5	Ramesh YADAV	20	18	90	27-07-2021 12:51:42
35	3	aman yadav	10	10	100	13-11-2021 19:51:58
3	3	raahul shrivastav	10	10	100	17-07-2020 08:10:49
4	3	raahul shrivastav	10	6	60	17-07-2020 11:28:27
5	3	raahul shrivastav	10	4	40	17-07-2020 11:37:27
18	3	raahul shrivastav	10	8	80	17-07-2020 15:34:28
20	3	raahul shrivastav	10	8	80	17-07-2020 15:56:25
21	3	raahul shrivastav	10	0	0	17-07-2020 15:58:38
22	3	raahul shrivastav	10	8	80	18-07-2020 08:43:16
23	3	raahul shrivastav	10	2	20	18-07-2020 09:11:06
24	3	raahul shrivastav	10	8	80	18-07-2020 10:15:49
25	3	raahul shrivastav	10	8	80	18-07-2020 13:53:58
26	3	raahul shrivastav	10	8	80	18-07-2020 14:13:25
27	3	raahul shrivastav	10	8	80	18-07-2020 14:43:23
28	3	raahul shrivastav	10	2	20	18-07-2020 15:00:40
29	3	raahul shrivastav	10	6	60	19-07-2020 08:38:57
30	3	raahul shrivastav	10	8	80	19-07-2020 09:50:32

### 3.2 Coding:-

Class No: 1

Class Name :- EncryptMyData.cs:

```
/*
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;

namespace OnlineExam.Controllers
{
    public class EncryptionManager
    {
        public string EncryptMyData(string PlainText)
        {
            string EncryptedText = "";
            int ASCII_Value;
            foreach (char ch in PlainText)
            {
                if (ch >= 65 && ch <= 90)
                    ASCII_Value = 90 - ch + 65;
                else if (ch >= 97 && ch <= 122)
                    ASCII_Value = ch + 2;
                else if (ch >= 48 && ch <= 57)
                    ASCII_Value = 57 - ch + 48;
                else
                    ASCII_Value = ch;
                EncryptedText = EncryptedText + (char)ASCII_Value;
            }
        }
    }
}
```

```

        return EncryptedText;
    }
}

```

Class No: 2

Class Name :- HomeController.cs:

```

/*
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.Mvc;
using OnlineExam.Models;
using System.IO;
namespace OnlineExam.Controllers
{
    public class HomeController : Controller
    {
        onlineexamdbEntities db = new onlineexamdbEntities();
        CaptchaGenreter cg = new CaptchaGenreter();
        EncryptionManager em = new EncryptionManager();
        static string[] CodeAndImage = new string[2];
        // GET: Home
        List<Notification> GetTop5Notification()

```

Class No: 3

Class Name :- CaptchaGenreter.cs:

```

/*
 * To change this template file, choose Tools | Templates

```

```

* and open the template in the editor.
*/

using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Drawing;
using System.IO;
using System.Drawing.Imaging;

namespace OnlineExam.Controllers
{
    public class CaptchaGenreter
    {
        public string GetRandomCode()
        {
            string code = "";
            char ch;
            Random r = new Random();
            ch = (char)r.Next(65, 90);
            code = code + ch;
            ch = (char)r.Next(97, 110);
            code = code + ch;
            ch = (char)r.Next(100, 122);
            code = code + ch;
            ch = (char)r.Next(70, 85);
            code = code + ch;
            ch = (char)r.Next(49, 57);
            code = code + ch;
            ch = (char)r.Next(70, 90);
            code = code + ch;
            return code;
        }
    }
}

```

## **CHAPTER – 4**

### **FUTURE SCOPE**

To modify the Online Examination System project to .Net platform to take the advantage of geographical remote area. By shifting the project to the Dot Net platform the project can be made into a Mobile Accessible Application by which the restrictions of the software & hardware requirements can be scaled down, which is not possible using ASP.

we can even apply the unique identity of the user by keeping certain formalities which must be answered by the user while entering the test (like the user need to answer again the questions which he did while registering himself for the test) the questions selected will be in random order from his personal data only (like the mole present on the user, etc ...) so that we it may confirm that the user itself is writing the test.

We can even use the thumb mark of the users to confirm their identities .

We can even add the photos of the users in this to confirm the user Identity. Thus by applying these steps we can make sure that the user itself is writing the exam not the others.



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