

1. Introduction

Online Test System Purpose :-

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.

Scope :-

Scope of this project is very broad in terms of other manually taking exams. Few of them are :-

- This can be used in educational institutions as well as in corporate world.
- Can be used anywhere any time as it is a web based application (user Location doesn't matter).
- No restriction that examiner has to be present when the candidate takes the test.

Features :-

- Secure
- Easy to use
- Reliable and accurate
- No need of examiner

Overview :-

The online test created for taking online test has following stages

- Login
- Test
- Result

➤ Login :-

There is a quality login window because this is more secure than other login forms as in a normal login window there are multiple logins available so that more than one person can access to test with there individual login. But in this project there is only one login id i.e. Administrator id and password by which a person enter the site. Hence it is more secure and reliable than previously used on-line test simulators.

➤ Test :-

Test page is the most creative and important page in this project. It consists of 2 modules namely:

➤ Subject selection

➤ Utilities

○ **Subject selection :-**

From the given choices the candidate can select his field (like C, C++ and JAVA etc.) for taking on with the test.

○ **Utilities :-**

It includes :-

- ❖ Skip and come back to the question afterwards if needed.
- ❖ Gives the list of attempted and unattempted questions and can go to any question directly and can either attempt or change the answer of the already attempted question.

2. Feasibility Study

a. Economic Feasibility :-

Economic analysis is most frequently used for evaluation of the effectiveness of the system. More commonly known as cost/benefit analysis the procedure is to determine the benefit and saving that are expected from a system and compare them with costs, decisions are made to design and implement the system.

This part of feasibility study gives the top management the economic justification for the new system. This is an important input to the management, because very often the top management does not like to get confounded by the various technicalities that bound to be associated with a project of this kind. A simple economic analysis that gives the actual comparison of costs and benefits is much more meaningful in such cases.

In the system, the organization is most satisfied by economic feasibility. Because, if the organization implements this system, it need not require any additional hardware resources as well as it will be saving lot of time.

b. Technical Feasibility :-

Technical feasibility centers on the existing manual system of the test management process and to what extent it can support the system. According to feasibility analysis procedure the technical feasibility of the system is analyzed and the technical requirements such as software facilities, procedure, inputs are identified. It is also one of the important phases of the system development activities.

The system offers greater levels of user friendliness combined with greater processing speed. Therefore, the cost of maintenance can be reduced. Since, processing speed is very high and the work is reduced in the maintenance point of view management convince that the project is operationally feasible.

c. Behavioral Feasibility :-

People are inherently resistant to change and computer has been known to facilitate changes. An estimate should be made of how strong the user is likely to move towards the development of computerized system. These are various levels of users in order to ensure proper authentication and authorization and security of sensitive data of the organization.

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3. System Study

- **Existing System :-**

The whole process of assigning test and evaluating their scores after the test, was done manually till date. Processing the test paper i.e. checking and distributing respective scores used to take time when the software was not installed

- **Disadvantages Of Current System :-**

- The current system is very time consuming.
- It is very difficult to analyze the exam manually.
- To take exam of more candidates more invigilators are required but no need of invigilator in case of on line exam.
- Results are not precise as calculation and evaluations are done manually.
- The chances of paper leakage are more in current system as compared to proposed system. Result processing takes more time as it is done manually.

- **Characteristic Of The Proposed System :-**

- The online test created for taking online test has following features.
- In comparison to the present system the proposed system will be less time consuming and is more efficient.
- Analysis will be very easy in proposed system as it is automated.
- Result will be very precise and accurate and will be declared in very short span of time because calculation and evaluations are done by the simulator itself.

Online Examination System

- The proposed system is very secure as no chances of leakage of question paper as it is dependent on the administrator only.
- The logs of appeared candidates and their marks are stored and can be backup for future use.

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4. System Requirement

- **Hardware Requirements** :-

This phase of software development process deals with a brief study of different hardware used in the computerized system. There is a list of hardware used in the computerized system.

There is list of hardware materials used during the making also during the use of the proposed system. As the new system to be made into a computerized functional system, requirement of computer is must.

All Hardware needed here are generally the basic configuration of a typical office computer. A list of hardware requirement used in the system given below:

Operating System: - Intel i3 2.5GHZ Processor: - Intel Pentium 4 and onwards Hard disk: - 80GB and onwards.

RAM :- 2GB

Monitor :- CGA

- **Software Requirements** :-

The Configuration of the system which are used for the developments such as code and testing are given as follows:

Operating System: - Windows 10 and above Front End : - Visual Studio 2012

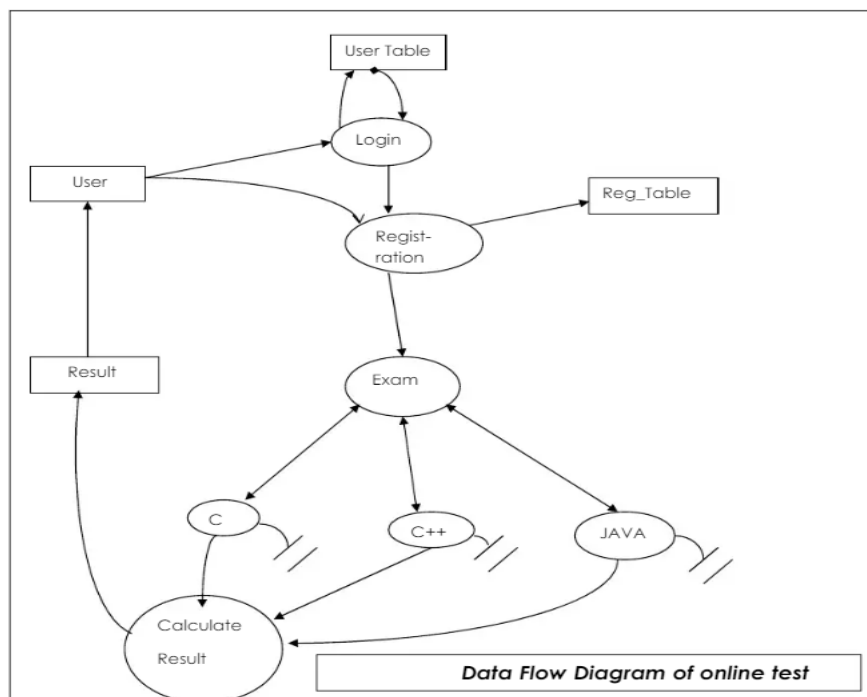
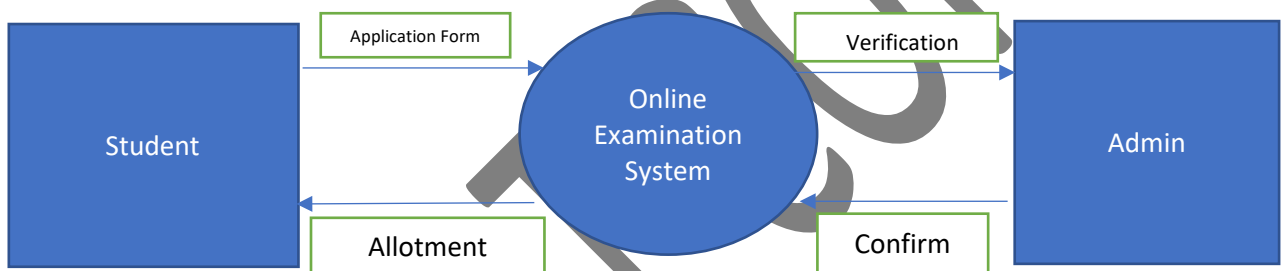
Languages Used :- C#

5. Data Flow Diagram - (DFD)

This is a second phase of software development life cycle which is done after the analysis of the system, that's why it plays very important role. The developer who will go for the further coding process can understand the actual output of the system. It shows the how the system flow or we can say that actual flow of particular objects or entities.

It is necessary to study investigate the way in which data is flowing through various process within the scope of a system. The data flow diagrams are the one of the popular graphical tools used to detect the flow of data through a system. Generally, we should go as far as necessary to understand details of system and the way its function.

Data Flow Diagram



Dig. Data Flow Diagram (DFD)

6. Entity Relationship Diagram - (ERD)

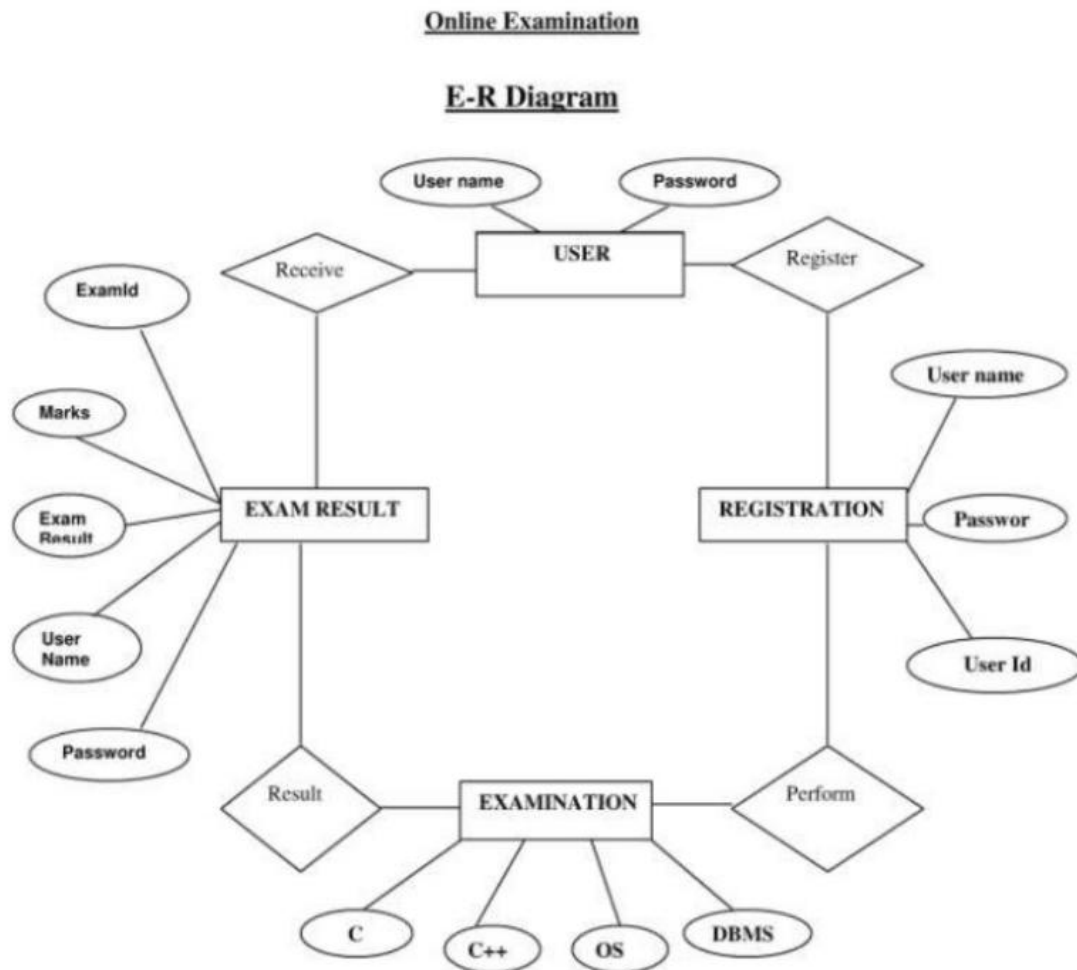


Figure: E-R Diagram


Dig. Entity Relationship Diagram - (ERD)

7. Table Design


1. Student_Master :-

	Name	Data Type	Allow Nulls	Default
	Student_PRNNO	varchar(16)	<input type="checkbox"/>	
	Student_Fullname	varchar(50)	<input checked="" type="checkbox"/>	
	Student_Password	varchar(50)	<input checked="" type="checkbox"/>	
	Student_Address	varchar(150)	<input checked="" type="checkbox"/>	
	Country_Name	varchar(50)	<input checked="" type="checkbox"/>	
	State_Name	varchar(50)	<input checked="" type="checkbox"/>	
	District_Name	varchar(50)	<input checked="" type="checkbox"/>	
	Taluka_Name	varchar(50)	<input checked="" type="checkbox"/>	
	City_Name	varchar(50)	<input checked="" type="checkbox"/>	
	Pincode	varchar(50)	<input checked="" type="checkbox"/>	
	Student_Email	varchar(50)	<input type="checkbox"/>	
	Student_Photo	varchar(250)	<input checked="" type="checkbox"/>	
	Student_Class	varchar(50)	<input checked="" type="checkbox"/>	
	Student_Year	varchar(50)	<input checked="" type="checkbox"/>	
	Student_Semister	varchar(50)	<input checked="" type="checkbox"/>	
	Academic_Year	varchar(50)	<input checked="" type="checkbox"/>	
	Student_Status	bit	<input checked="" type="checkbox"/>	
	Student_Mobile	varchar(10)	<input checked="" type="checkbox"/>	
	Student_Birthdate	smalldatetime	<input checked="" type="checkbox"/>	
	Student_Gender	varchar(50)	<input checked="" type="checkbox"/>	


2. Admin_Master :-

	Name	Data Type	Allow Nulls	Default
	Payment_id	int	<input type="checkbox"/>	
	Card_Type	varchar(50)	<input checked="" type="checkbox"/>	
	Card_No	varchar(50)	<input checked="" type="checkbox"/>	
	Name_Oncard	varchar(50)	<input checked="" type="checkbox"/>	
	Expire_Date	varchar(50)	<input checked="" type="checkbox"/>	
	Cvv_No	varchar(250)	<input checked="" type="checkbox"/>	
	Issuing_Bank	varchar(250)	<input checked="" type="checkbox"/>	
	Amount	numeric(18,0)	<input checked="" type="checkbox"/>	


3. Faculty_Master :-

	Name	Data Type	Allow Nulls	Default	
	Faculty_id	int	<input type="checkbox"/>		
	Faculty_Name	varchar(50)	<input checked="" type="checkbox"/>		
	Faculty_Email	varchar(250)	<input checked="" type="checkbox"/>		
	Faculty_Mobile	varchar(10)	<input checked="" type="checkbox"/>		
	Faculty_Password	varchar(50)	<input checked="" type="checkbox"/>		
	Subject_id	int	<input checked="" type="checkbox"/>		
	Faculty_Status	bit	<input checked="" type="checkbox"/>		
			<input type="checkbox"/>		


4. Notice_Master :-

	Name	Data Type	Allow Nulls	Default	
	Notice_Id	int	<input type="checkbox"/>		
	Notice_Title	varchar(50)	<input checked="" type="checkbox"/>		
	Notice_Message	varchar(250)	<input checked="" type="checkbox"/>		
	Notice_Date	smalldatetime	<input checked="" type="checkbox"/>		
	Notice_Expiry	smalldatetime	<input checked="" type="checkbox"/>		
			<input type="checkbox"/>		


5. Practice_Master :-

	Name	Data Type	Allow Nulls	Default	
	Id	int	<input type="checkbox"/>		
	Student_PRN	varchar(50)	<input checked="" type="checkbox"/>		
	Subject_Id	int	<input checked="" type="checkbox"/>		
	Right_Ans	int	<input checked="" type="checkbox"/>		
	Wrong_Ans	int	<input checked="" type="checkbox"/>		
	Skip_Ans	int	<input checked="" type="checkbox"/>		
	Total_Marks	int	<input checked="" type="checkbox"/>		
	Exam_Date	smalldatetime	<input checked="" type="checkbox"/>		
	Result	varchar(50)	<input checked="" type="checkbox"/>		
			<input type="checkbox"/>		

6. Question_Master :-

	Name	Data Type	Allow Nulls	Default	
	Question_id	int	<input type="checkbox"/>		
	Question	varchar(50)	<input checked="" type="checkbox"/>		
	Option_1	varchar(50)	<input checked="" type="checkbox"/>		
	Option_2	varchar(50)	<input checked="" type="checkbox"/>		
	Option_3	varchar(50)	<input checked="" type="checkbox"/>		
	Option_4	varchar(50)	<input checked="" type="checkbox"/>		
	Answer	varchar(50)	<input checked="" type="checkbox"/>		
	Subject_id	int	<input checked="" type="checkbox"/>		
	Faculty_id	int	<input checked="" type="checkbox"/>		
	Semester_id	int	<input checked="" type="checkbox"/>		
	Academic_Year	varchar(50)	<input checked="" type="checkbox"/>		
			<input type="checkbox"/>		

7. Result_Master :-

	Name	Data Type	Allow Nulls	Default	
	Id	int	<input type="checkbox"/>		
	Student_PRN	varchar(50)	<input checked="" type="checkbox"/>		
	Subject_Id	int	<input checked="" type="checkbox"/>		
	Right_Ans	int	<input checked="" type="checkbox"/>		
	Wrong_Ans	int	<input checked="" type="checkbox"/>		
	Skip_Ans	int	<input checked="" type="checkbox"/>		
	Total_Marks	int	<input checked="" type="checkbox"/>		
	Exam_Date	smalldatetime	<input checked="" type="checkbox"/>		
	Result	varchar(50)	<input checked="" type="checkbox"/>		
			<input type="checkbox"/>		

8. Subject :-

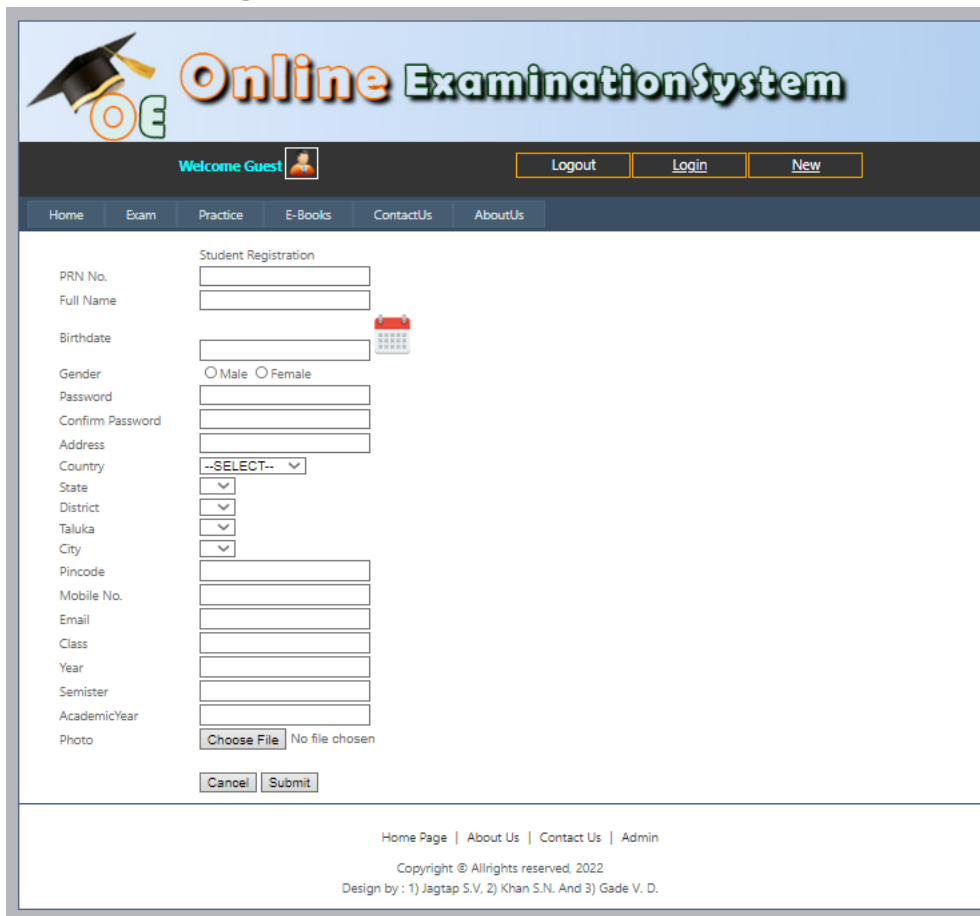
	Name	Data Type	Allow Nulls	Default	
	Subject_Id	int	<input type="checkbox"/>		
	Subject_Name	varchar(150)	<input checked="" type="checkbox"/>		
	Subject_Type	varchar(150)	<input checked="" type="checkbox"/>		
	Subject_Title	varchar(150)	<input checked="" type="checkbox"/>		
	Subject_Image	varchar(150)	<input checked="" type="checkbox"/>		
	Subject_Marks	int	<input checked="" type="checkbox"/>		
	Course_Id	int	<input checked="" type="checkbox"/>		
	Semister_Id	int	<input checked="" type="checkbox"/>		
			<input type="checkbox"/>		

8. Output Screens

▪ Home Page :-




▪ Student Registration :-



The screenshot shows the 'Student Registration' page of the 'Online Examination System'. The header features a logo with a graduation cap and the text 'Online ExaminationSystem'. Below the header is a navigation bar with links: Home, Exam, Practice, E-Books, ContactUs, and AboutUs. The main content area is titled 'Student Registration' and contains a form with the following fields: PRN No., Full Name, Birthdate (with a calendar icon), Gender (radio buttons for Male and Female), Password, Confirm Password, Address, Country (dropdown menu), State (dropdown menu), District (dropdown menu), Taluka (dropdown menu), City (dropdown menu), Pincode, Mobile No., Email, Class, Year, Semester, and AcademicYear. There is also a 'Photo' field with a 'Choose File' button and the text 'No file chosen'. At the bottom of the form are 'Cancel' and 'Submit' buttons. The footer includes links for Home Page, About Us, Contact Us, and Admin, along with copyright information: 'Copyright © Allrights reserved, 2022' and 'Design by : 1) Jagtap S.V, 2) Khan S.N. And 3) Gade V. D.'

▪ Student Login :-



The screenshot shows the 'Student Login' page of the 'Online Examination System'. The header and navigation bar are identical to the registration page. The main content area is titled 'Student Login' and contains a form with the following fields: PRN No. and Password. Below the password field is a link for 'Forgot Password'. At the bottom of the form are 'Login' and 'Cancel' buttons. The footer is identical to the registration page, including links for Home Page, About Us, Contact Us, and Admin, and copyright information: 'Copyright © Allrights reserved, 2022' and 'Design by : 1) Jagtap S.V, 2) Khan S.N. And 3) Gade V. D.'

■ Student Profile :-



Online ExaminationSystem

WELCOME Vishwajeet Gade 

[Logout](#) [Login](#) [New](#)

[Home](#) [Exam](#) [Practice](#) [E-Books](#) [ContactUs](#) [AboutUs](#)

[View Profile](#)

 [Change Photo](#) [Choose File](#) No file chosen

PRN No.

Full Name

Address

City

Pincode

Mobile No.

Email

Birthdate 

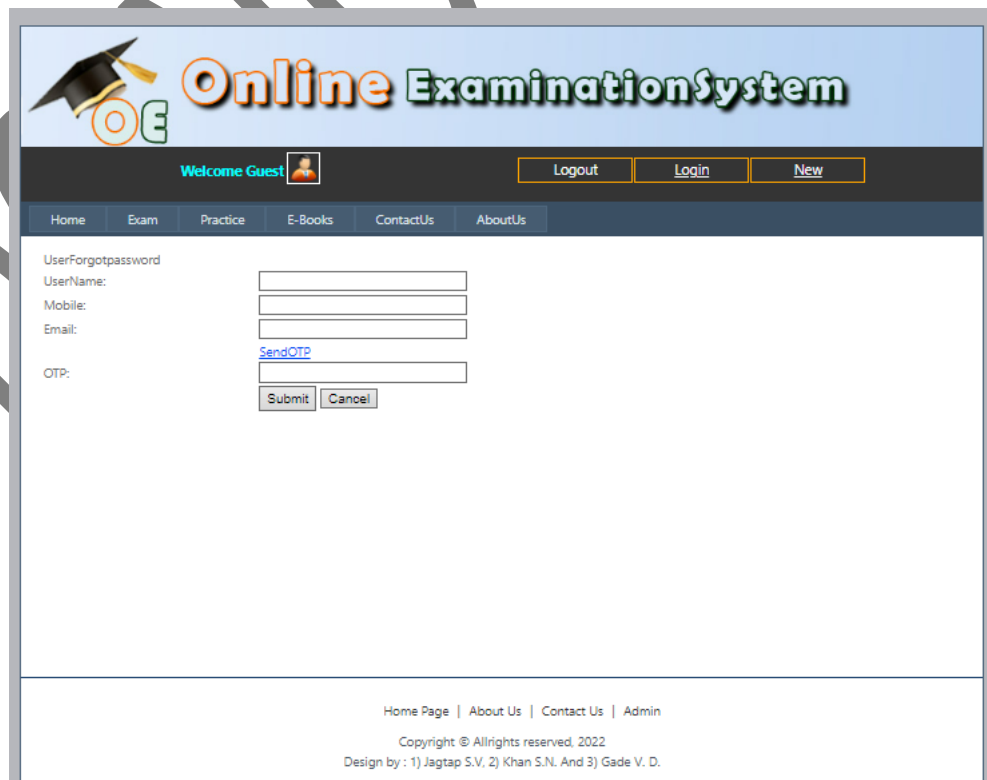
[Change Password](#)

Home Page | [About Us](#) | [Contact Us](#) | [Admin](#)


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■ Forgot Password :-



Online ExaminationSystem

Welcome Guest 

[Logout](#) [Login](#) [New](#)

[Home](#) [Exam](#) [Practice](#) [E-Books](#) [ContactUs](#) [AboutUs](#)

UserForgotpassword

UserName:

Mobile:

Email:

[Send OTP](#)

OTP:

Home Page | [About Us](#) | [Contact Us](#) | [Admin](#)

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■ Change Password :-

Online ExaminationSystem

WELCOME Vishwajeet Gade

Logout Login New

Home Exam Practice E-Books ContactUs AboutUs

Changepassword

Oldpassword:

Newpassword:

Confirmpassword:

Save Reset

Home Page | About Us | Contact Us | Admin

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Design by : 1) Jagtap S.V, 2) Khan S.N. And 3) Gade V. D.

■ About Us :-

Online ExaminationSystem

Welcome Guest

Logout Login New

Home Exam Practice E-Books ContactUs AboutUs

Shri Shivaji Mahavidyalaya Barshi

Project By :

1) Jagtap S.V.,

2) Khan S.N. And

3) Gade V.D.

OK

Home Page | About Us | Contact Us | Admin

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■Contact Us :-

The screenshot shows the 'Contact Us' page of the Online Examination System. The header features a graduation cap icon and the system name. A navigation bar includes links for Home, Exam, Practice, E-Books, ContactUs, and AboutUs. The main content area is titled 'Contact Us' and contains a 'Contact Form' with fields for 'Full Name', 'Email', and 'Message'. Below the form are 'Cancel' and 'Submit' buttons. The footer includes a navigation bar with 'Home Page', 'About Us', 'Contact Us', and 'Admin', along with copyright information for 2022 and design credits.

Online ExaminationSystem

Welcome Guest

[Logout](#) [Login](#) [New](#)

[Home](#) [Exam](#) [Practice](#) [E-Books](#) [ContactUs](#) [AboutUs](#)

Contact Us

Contact Form

Full Name :

Email :

Message :

[Home Page](#) | [About Us](#) | [Contact Us](#) | [Admin](#)

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■Exam :-

The screenshot shows the 'Exam' page of the Online Examination System. The header and navigation bar are identical to the Contact Us page. The main content area is titled 'RULES FOR PRACTICE AND FINAL EXAM:' and contains two sections: 'EXAM:' and 'PRACTICE:', each with a list of rules. Below these sections are three buttons: 'Practice Exam', 'Final Exam', and 'Astonish Exam'. The footer is also identical to the Contact Us page.

Online ExaminationSystem

WELCOME Vishwajeet Gade

[Logout](#) [Login](#) [New](#)

[Home](#) [Exam](#) [Practice](#) [E-Books](#) [ContactUs](#) [AboutUs](#)

RULES FOR PRACTICE AND FINAL EXAM:

EXAM:

- Before Starting Exam you should see your Syllabus
- There is no negative marking
- All questions are Compulsary
- If you have more than 40% right answers out of Total Questions then only you will get PASS
- There is no extra charge for online examinations.

PRACTICE:

- Before Starting Prctice you should see our Syllabus
- There is no negative marking
- All questions are Compulsary
- There is no extra charge for online pratctce examinations.

[Practice Exam](#) [Final Exam](#) [Astonish Exam](#)

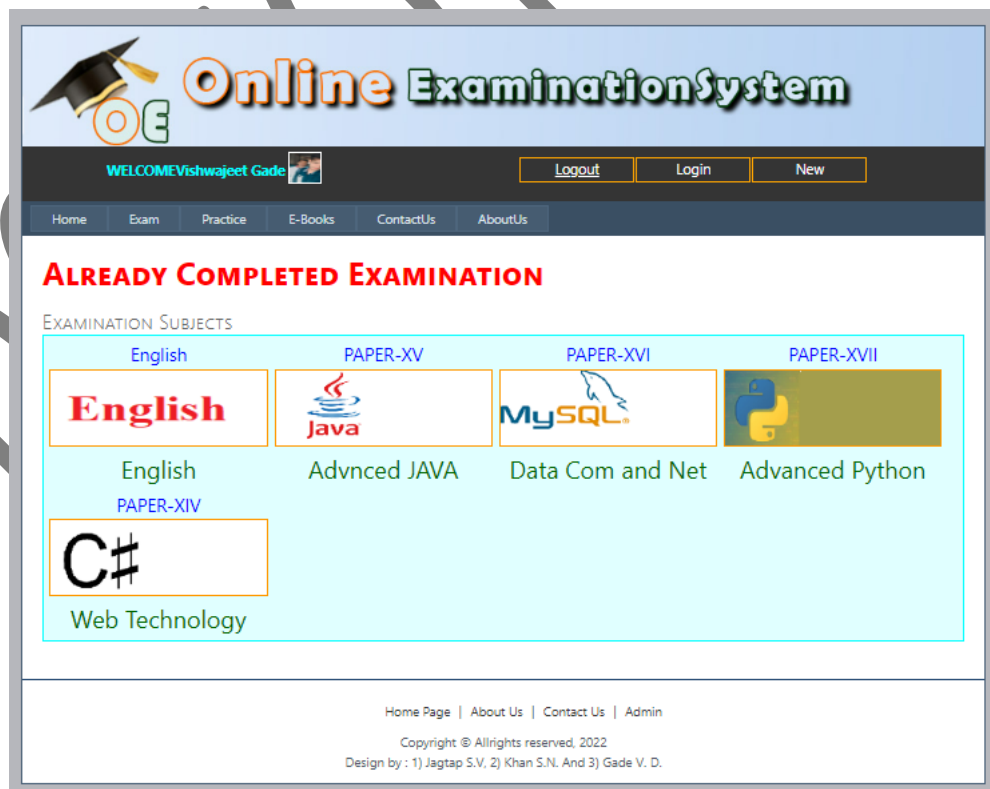
[Home Page](#) | [About Us](#) | [Contact Us](#) | [Admin](#)

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■Practice Exam :-




■Final Exam :-



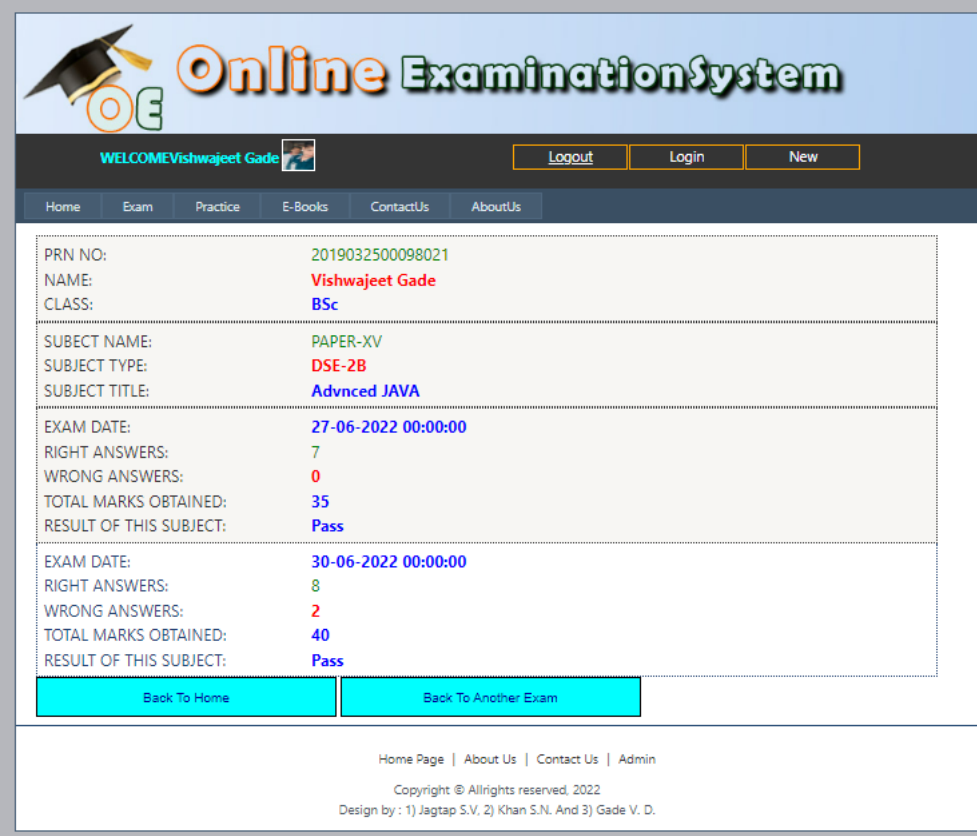
▪ Astonish Exam :-

 Online Examination System		
WELCOME Vishwajeet Gade Logout Login New		
Home Exam Practice E-Books ContactUs AboutUs		
	Data Com and Net	Time: 9:57
Question No:	1 of 4	
Question:	DCN stands for	
	<input type="radio"/> Data Communication Network <input type="radio"/> Data Common Netwrok <input type="radio"/> Direct Communication Network <input type="radio"/> Double Communication Network	
Skip		Next
<p>Home Page About Us Contact Us Admin</p> <p>Copyright © Allrights reserved, 2022</p> <p>Design by : 1) Jagtap S.V, 2) Khan S.N. And 3) Gade V. D.</p>		

▪ Exam Question :-

 Online Examination System		
WELCOME Vishwajeet Gade Logout Login New		
Home Exam Practice E-Books ContactUs AboutUs		
	Advanced Python	Time: 9:53
Question No:	1 of 5	
Question:	GUI Stands For ?	
	<input type="radio"/> Graphic User Interface <input type="radio"/> Graphic Under Interface <input type="radio"/> Graphic Uniqe Interface <input type="radio"/> Ground user Interface	
Skip		Next
<p>Home Page About Us Contact Us Admin</p> <p>Copyright © Allrights reserved, 2022</p> <p>Design by : 1) Jagtap S.V, 2) Khan S.N. And 3) Gade V. D.</p>		

Result :-




The screenshot shows the 'Result' page of the Online Examination System. The header includes the system logo and title. A navigation bar contains links for Home, Exam, Practice, E-Books, ContactUs, and AboutUs. The main content area displays user details and exam results for two subjects. The first subject is 'PAPER-XV' (DSE-2B, Advnced JAVA) with an exam date of 27-06-2022, 7 right answers, 0 wrong answers, 35 total marks, and a 'Pass' result. The second subject is 'PAPER-XV' (DSE-2B, Advnced JAVA) with an exam date of 30-06-2022, 8 right answers, 2 wrong answers, 40 total marks, and a 'Pass' result. At the bottom, there are links for 'Back To Home' and 'Back To Another Exam'.

PRN NO:	2019032500098021
NAME:	Vishwajeet Gade
CLASS:	BSc
SUBJECT NAME:	PAPER-XV
SUBJECT TYPE:	DSE-2B
SUBJECT TITLE:	Advnced JAVA
EXAM DATE:	27-06-2022 00:00:00
RIGHT ANSWERS:	7
WRONG ANSWERS:	0
TOTAL MARKS OBTAINED:	35
RESULT OF THIS SUBJECT:	Pass
EXAM DATE:	30-06-2022 00:00:00
RIGHT ANSWERS:	8
WRONG ANSWERS:	2
TOTAL MARKS OBTAINED:	40
RESULT OF THIS SUBJECT:	Pass

[Back To Home](#) [Back To Another Exam](#)

Home Page | About Us | Contact Us | Admin
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Admin Login :-



The screenshot shows the 'Admin Login' page of the Online Examination System. The header includes the system logo and title. A navigation bar contains links for Logout, Login, and New. The main content area features a form for Admin Login with fields for Email Mobile and Password. Below the form are 'Login' and 'Cancel' buttons. The footer contains links for Home Page and Admin, copyright information, and design credits.

Admin Login

Email Mobile

Password

[Login](#) [Cancel](#)

Home Page | Admin
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■Add Subject :-



The screenshot shows the 'Add Subject' form in the Online Examination System Administration interface. The header includes the logo 'OE Online ExaminationSystem Administration' and a 'WELCOMEadmin' message. The navigation bar contains links: Home, Admin Home, Add Subject, Add Question, Set Question Paper, Add Ebooks, and Manage. The form fields are: Subject Name (text input), Subject Type (text input), Subject Title (text input), Subject Marks (text input), Course ID (dropdown menu with 'BSc' selected), Semester (dropdown menu with 'Sem-I' selected), and Subject Photo (file upload button labeled 'Choose File' with 'No file chosen' text). At the bottom of the form are 'Submit' and 'Cancel' buttons. The footer contains the text: 'Home Page | Admin', 'Copyright © Allrights reserved, 2022', and 'Design by : 1) Jagtap S.V, 2) Khan S.N. And 3) Gade V. D.'

■Add Question :-



The screenshot shows the 'Add Question' form in the Online Examination System Administration interface. The header is identical to the previous form. The navigation bar is also identical. The form fields are: Subject (dropdown menu with 'Java' selected), Question (text input), Option1 (text input), Option2 (text input), Option3 (text input), Option4 (text input), and Answer (text input). At the bottom of the form are 'Submit' and 'Cancel' buttons. The footer contains the text: 'Home Page | Admin', 'Copyright © Allrights reserved, 2022', and 'Design by : 1) Jagtap S.V, 2) Khan S.N. And 3) Gade V. D.'

■ Set Question Paper :-

The screenshot shows the 'Set Final Examination Questions' page. At the top, there's a header with the 'Online Examination System' logo and 'Administration' text. Below the header is a navigation bar with links: Home, Admin Home, Add Subject, Add Question, Set Question Paper (active), Add Ebooks, and Manage. The main content area has a form for 'Set Final Examination Questions'. It includes a 'Subject:' dropdown menu set to 'PAPER-XIV' and a 'Total Selected Question:' field showing '5'. Below this, there are two tables: 'Question Bank' and 'Question Paper'. The 'Question Bank' table lists questions with IDs 3 through 8, their text, and a 'Select' button. The 'Question Paper' table lists questions with IDs 4 through 11, their text, and a 'Delete' button. At the bottom, there's a footer with 'Home Page | Admin', 'Copyright © Allrights reserved, 2022', and 'Design by : 1) Jagtap S.V, 2) Khan S.N. And 3) Gade V. D.'

QuestionBank Id	Question	
3	ASP Is Stands For	Select
4	What is CLR	Select
5	CTS stands for	Select
6	What is the Long Form of MSIL	Select
7	What is Method	Select
8	What is JIT	Select

Question Id	Question	
4	ASP Is Stands For	Delete
8	What is CLR	Delete
9	CTS stands for	Delete
10	What is the Long Form of MSIL	Delete
11	What is Method	Delete

■ Add Books :-

The screenshot shows the 'Add Books' page. It features a file upload section with a 'Choose File' button, the text 'No file chosen', and an 'Upload' button. To the right, there's a table listing uploaded files with columns for 'File Name', 'Download', and 'Delete'. The table contains three entries: 'hibernate-Tutorial.pdf', 'JSP_Implecit Objects.pdf', and 'struts_introduction.pdf'. Each entry has corresponding 'Download' and 'Delete' links. The footer is identical to the previous screenshot, showing 'Home Page | Admin', 'Copyright © Allrights reserved, 2022', and 'Design by : 1) Jagtap S.V, 2) Khan S.N. And 3) Gade V. D.'

File Name	Download	Delete
hibernate-Tutorial.pdf	Download	Delete
JSP_Implecit Objects.pdf	Download	Delete
struts_introduction.pdf	Download	Delete

■ Add Country :-

The screenshot shows the 'Add Country' form within the 'Online Examination System Administration' interface. The header includes the system logo, title, and 'Administration' label. A navigation bar contains links like 'Home', 'Admin Home', 'Add Subject', 'Add Question', 'Set Question Paper', 'Add Ebooks', and 'Manage'. The form itself is titled 'Country Form' and features a single text input field labeled 'Country Name'. Below the input field are 'Submit' and 'Cancel' buttons. The footer displays 'Home Page | Admin', copyright information for 2022, and design credits.

■ Add State :-

The screenshot shows the 'Add State' form within the 'Online Examination System Administration' interface. The header and navigation bar are identical to the previous form. The form is titled 'State Form' and contains two input fields: 'State Name' (a text box) and 'Country Name' (a dropdown menu currently showing '--SELECT--'). 'Submit' and 'Cancel' buttons are positioned below these fields. The footer remains the same, showing 'Home Page | Admin', copyright information, and design credits.

9. Conclusion

To conclude the description about the project, the project, developed using asp.net with Sql server is based on the requirement specification of the user and the analysis of the existing system, with flexibility for future enhancement.

The On line test System is developed using Java and sql fully meets the objectives of the system for which it has been developed. The system has reached a steady state where all bugs have been eliminated. The system is operated at a high level of efficiency and all the teachers and user associated with the system understands its advantage. The system solves the problem. It was intended to solve as requirement specification.

This particular project deals with the problem on managing a Online Examination and avoids the problems which occur when carried manually. Identification of the drawbacks of the existing system leads to the designing of computerized system that will be compatible to the existing system with the system which is more user friendly and more GUI oriented.

10. Limitations

- Challenges in technology adaptation. Executing another framework may make a minor interruption and require time of acclimation by the clients.
- Infrastructural barriers.
- Difficulty in grading long-type answers.
- Suspectable to cheating.
- Transitioning to open-book exams.

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11. Future Scope

- **Scope of this project is very broad in terms of other manually taking exams. Few of them are:-**
- **This can be used in educational institutions as well as in corporate world.**
- **Can be used anywhere any time as it is a web based application (user location doesn't matter).**
- **No restriction that examiner has to be present when the candidate takes the test.**

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12. Technology And Tools

- **Technology Studied :-**

- **C# :-**

The language is intended to be simple, modern, general-purpose, object-oriented programming language. The language intended for use in developing software components suitable for deployment in distributed environments. Portability is very important for source code and programmers, especially those already familiar with c and C++ support for internationalization is very important.

C# is intended to be suitable for writing applications for both hosted and embedded systems, ranging from the very large that use sophisticated operating systems, down to the very small having dedicated functions. Although C# applications are intended to be economical with regard to memory and processing power requirements, the language was not intended to compete directly on performance and size with c or assembly language.

- **Sql :-**

Structured query language allows user to access data in the relational database management system. Such as oracle, Microsoft Sql server etc and allows user to describe the data the user wishes to see. Programming and designed for managing data, held in a relational database management system (rdbms), or for stream processing in a relational data stream management system (rdsms), in comparison to older read/write apis like isam or vsam, Sql offers two main advantages: first, it introduced the concept of accessing many records with one single command; and second, eliminates the need to specify how to reach a record, egg, with or without an index.

The various Tools used in the project are as follows:

➤ **Visual Studio :-**

Microsoft's Visual Studio is an Integrated Development Environment (IDE) from Microsoft. It is used to develop computer programs, as well as web sites, web apps, web services and mobile apps.

Visual studio uses Microsoft software development platform such as Windows API, Windows forms, Windows Presentation Foundation etc. It can produce both native code and managed code.

➤ **SQL Server :-**

Microsoft's SQL server is a relational database management system developed by Microsoft. As a database server, it is a software product with primary function of storing and retrieving data as requested by other software applications which may either on the same computer or on another computer across a network.

➤ **.NET Framework :-**

The .NET framework is a software development platform developed by Microsoft. The framework was meant to create applications, which would run on the windows platform.

The .NET framework can be used to create both Desktop application and Web based applications. Web services can also be developed using .NET Framework. The framework also supports various programming languages such as visual basic and C#. So, developer can choose and select the languages to develop the required application.

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