

A PROJECT REPORT ON

“ONLINE EXAMINATION SYSTEM”



DEPARTMENT OF COMPUTER APPLICATION

NANDA NATH SAIKIA COLLEGE

TITABAR -785630

ASSAM

SUBMITTED BY:-

MONJURI SHYAM	MRIDULA HAZARIKA	PUBALI GOGOI	RONGILA SHYAM
Roll No. 27220022	Roll No. 27220023	Roll No. 27220025	Roll No. 27220028

UNDER THE GUIDANCE OF

Mr. NILOTTAM PODDAR
Computer Faculty
N.N. Saikia College, Titabar

Mr. PRANJAL BORAH
Computer Faculty
N.N. Saikia College, Titabar

ACKNOWLEDGEMENT

We sincerely take the opportunity to express our heartfelt thanks and gratitude to all those who extended their wholehearted co-operations, opinions and gracious hospitality to us in completing the project work successfully.

We would like to acknowledge our gratitude towards our teachers at **Nanda Nath Saikia College** under the egis of **Dibrugarh University** ,for their understanding provision of sound counsel and precious guidance. Finally ,we wish to thank our friends for their support.

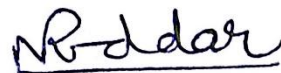
MONJURI SHYAM	MRIDULA HAZARIKA	PUBALI GOGOI	RONGILA SHYAM
Roll No. 27220022	Roll No. 27220023	Roll No. 27220025	Roll No. 27220028

CERTIFICATE OF EXAMINATION

This is to certify that the project work "**Online Examination System**" jointly submitted by RONGILA SHYAM , PUBALI GOGOI , MRIDULA HAZARIKA, MONJURI SHYAM for the 2nd semester of **PGDCA** course is a bonafide project work carried out by them under my supervision .

I wish them all success in future.

Thanks,



HOD

Deptt. of Computer Science
N.N. Saikia College

MR. NILOTTAM PODDAR

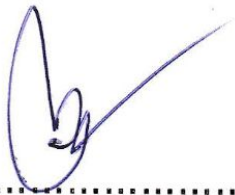
H.O.D

Department of Computer Application

N.N. Saikia College, Titabar

CERTIFICATE OF EXAMINATION

This is to certify that RONGILA SHYAM , PUBALI GOGOI , MRIDULA HAZARIKA, MONJURI SHYAM, 2nd Semester students of PGDCA discipline of **N.N. Saikia College, Titabar** have successfully submitted their project on “**Online Examination System**” that was completed under the guidance of Mr. Nilottam Poddar and Mr. Pranjal Borah.



.....
Signature of External



.....
Signature of Internal

DECLARATION

We , RONGILA SHYAM , PUBALI GOGOI , MRIDULA HAZARIKA, MONJURI SHYAM hereby declare that the project work entitled “**Online Examination System**” is an authentic work carried out by us for the partial fulfillment of , 2nd semester of PGDCA of Dibrugarh University. This report has not been anywhere else for the award of any degree or diploma.

MONJURI SHYAM	MRIDULA HAZARIKA	PUBALI GOGOI	RONGILA SHYAM
Roll No. 27220022	Roll No. 27220023	Roll No. 27220025	Roll No. 27220028

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INTRODUCTION

1.1 TITLE OF THE PROJECT:

The project is entitled "**ONLINE EXAMINATION SYSTEM**"

1.2 PROJECT DEFINITION:

Online Examination System is a software application which allows a particular company or institute to arrange, conduct and manage any objective examination via online.

1.3 OBJECTIVES:

Some of the basic objectives are as follows

- User-friendly system
- Offering several types of questions.
- Automatically checked answers.
- TO allow faculty to create tests and answer key.

4. TOOLS USED IN THE PROJECT:

Operating system used-windows 7

IDE used :Dreamweaver

SERVER Used : Wamp Server

Database used : phpMyAdmin

About PHP:-

Hypertext preprocessor(or simply PHP) is a server-side scripting language designed for web development, but also used as a general-purpose programming language.It was originally created by Rasmus Lerdoff in 1994, the php reference implementation is now produced by the PHP group. PHP originally stood for personal home page, but it now stands for the recursive acronym PHP: Hypertext preprocessor.

5. DFD (DATA FLOW DIAGRAM) :

A Data Flow Diagram (DFD) is traditional visual representation of the information flows within a system. A neat and clear DFD can depict a good amount of the system requirements graphically. It can be manual, automated, or combination of both.

It shows how information enters and leaves the system, what changes the information and where information is stored. The purpose of a DFD is to show the scope and boundaries of a system as a whole. It may be used as a communications tool between a systems analyst and any person who plays a part in the system that acts as the starting point for redesigning a system.

It is usually beginning with a context diagram as the level 0 of DFD diagram, a simple representation of the whole system. To elaborate further from that, we drill down to a level 1 diagram with lower level functions decomposed from the major functions of the system. This could continue to evolve to become a level 2 diagram when further analysis is required. Progression to level 3, 4 and so on is possible but anything beyond level 3 is not very common. Please bear in mind that the level of details for decomposing particular function really depending on the complexity that function.

The following diagrams illustrate notations and symbols used to construct DFD:-



A source (originator) or destination of system

The user



A process



Data flow

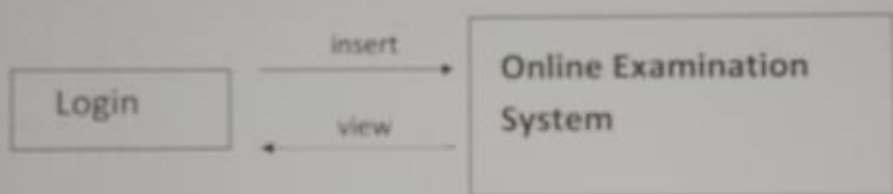


Data storage

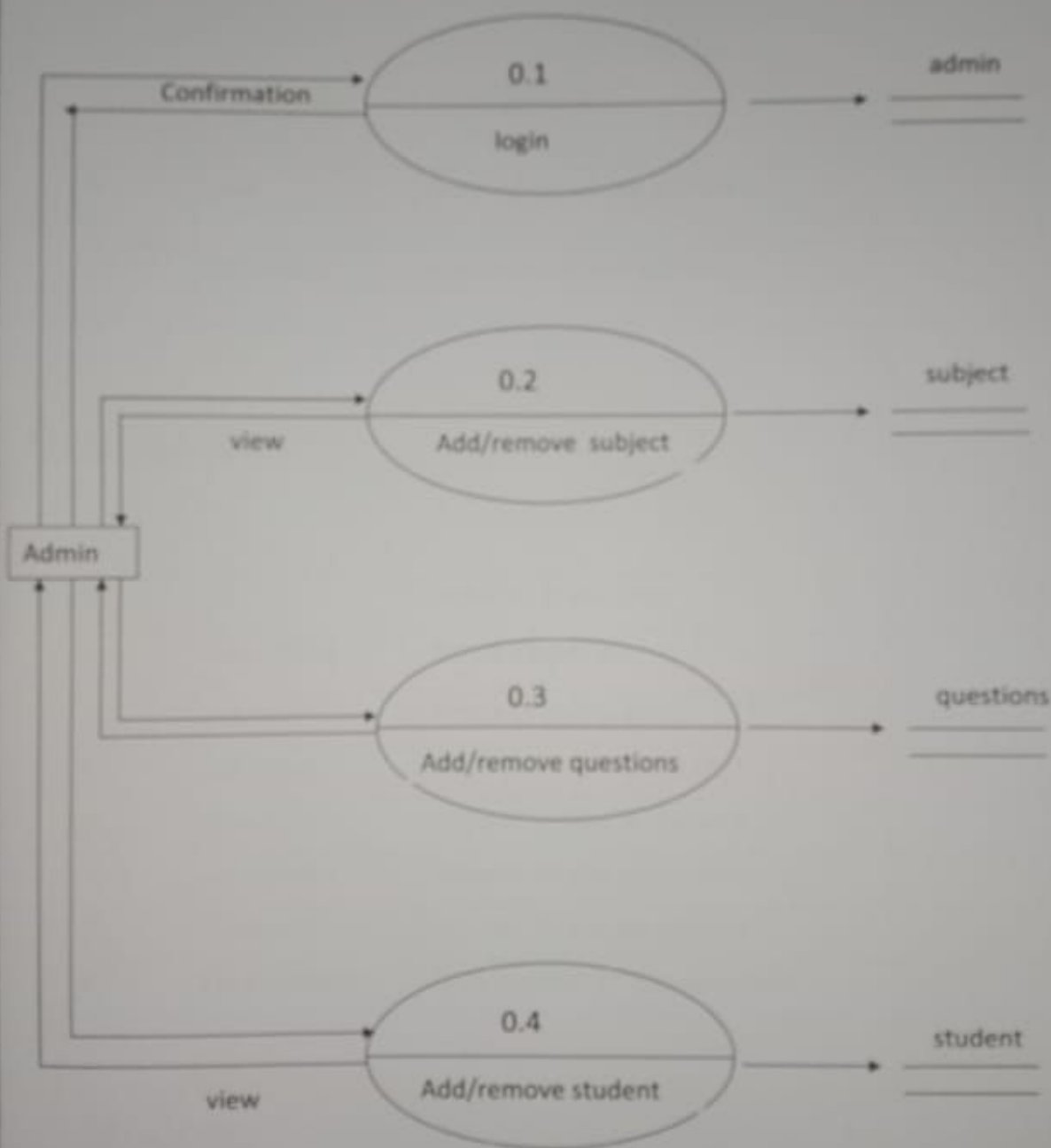


Report or Output from the system

CONTEXT LEVEL DFD



Level1 for Admin



6. DATA DICTIONARY :

LOGIN :

SL.NO	FIELD NAME	DESCRIPTION	KEY
1	User	User name of the admin	
2	Password	Password of the admin	

Questions:

1	ID	Serial no. of question	Primary key
2	Questions	No of questions	
3	subject	Name of the subject	
4	Answer1	Answer of the question1	
5	Answer2	Answer of the question2	
6	Answer3	Answer of the question3	
7	Answer4	Answer of the question4	
8	TrueAnswer	True answer of the question	

Student:

1	S-id	Serial no. of student	Primary key
2	name	Name of the student	
3	course	Name of the course	
4	semester	Semester of the student	
5	rollno	Rollno of the student	

Subject:

1	ID	Serial no. of subject	
2	Subjectname	Name of the subject	
3	Course	Name of the course	
4	Semester	Name of the semester	

TEST:

1	S-id	Serial no. of student	Primary key
2	T_id	Id of the true answer	
3	Q_id	Id of the question	
4	ans	Answer of the question	
5	date	Date of the test	

DATABASE DESIGN

Server: localhost Database: exam

Structure SQL Search Query Export Import Operations Privileges Drop

Table	Action	Records	Type	Collation	Size	Checksum
login		1	MyISAM	latin1_swedish_ci	3.0 KB	44 B
questions		1	MyISAM	latin1_swedish_ci	3.0 KB	44 B
student		1	MyISAM	latin1_swedish_ci	3.0 KB	-
subject		1	MyISAM	latin1_swedish_ci	3.0 KB	-
4 table(s)	Sum	28	MyISAM	latin1_swedish_ci	7.8 KB	88 B

Check All / Uncheck All / Check tables having overhead With selected: -

Print view Date Dictionary

Create new table on database exam

Name	Number of fields

! May be approximate. See FAQ 3.11

Server: localhost Database: exam Table: login

Browse Structure SQL Search Insert Export Import Operations Empty Drop

Field	Type	Collation	Attributes	Null	Default	Extra	Action					
username	varchar(20)	latin1_swedish_ci		No	None							
password	varchar(20)	latin1_swedish_ci		No	None							

Check All / Uncheck All With selected: | | | | |

Print view Propose table structure

Server: localhost Database: exam Table: questions

Browse Structure SQL Search Insert Export Import Operations Empty Drop

Field	Type	Collation	Attributes	Null	Default	Extra	Action					
Questions	varchar(50)	latin1_swedish_ci		No	None							
Subject	varchar(10)	latin1_swedish_ci		No	None							
Answer1	varchar(20)	latin1_swedish_ci		No	None							
Answer2	varchar(20)	latin1_swedish_ci		No	None							
Answer3	varchar(20)	latin1_swedish_ci		No	None							
Answer4	varchar(20)	latin1_swedish_ci		No	None							
TrueAnswer	varchar(20)	latin1_swedish_ci		No	None							
ID	int(6)			No	None	auto_increment						

Check All / Uncheck All With selected: | | | | |

Server: localhost ▶ Database: exam ▶ Table: student

Field	Type	Collation	Attributes	Null	Default	Extra	Action							
<input type="checkbox"/> s_id	int(5)			No	None	auto_increment								
<input type="checkbox"/> name	varchar(20)	latin1_swedish_ci		No	None									
<input type="checkbox"/> course	varchar(20)	latin1_swedish_ci		No	None									
<input type="checkbox"/> semester	varchar(20)	latin1_swedish_ci		No	None									
<input type="checkbox"/> rollno	int(5)			No	None									

Print view Propose table structure

Add 1 field(s) At End of Table At Beginning of Table After s_id

+ Details...

Server: localhost ▶ Database: exam ▶ Table: subject

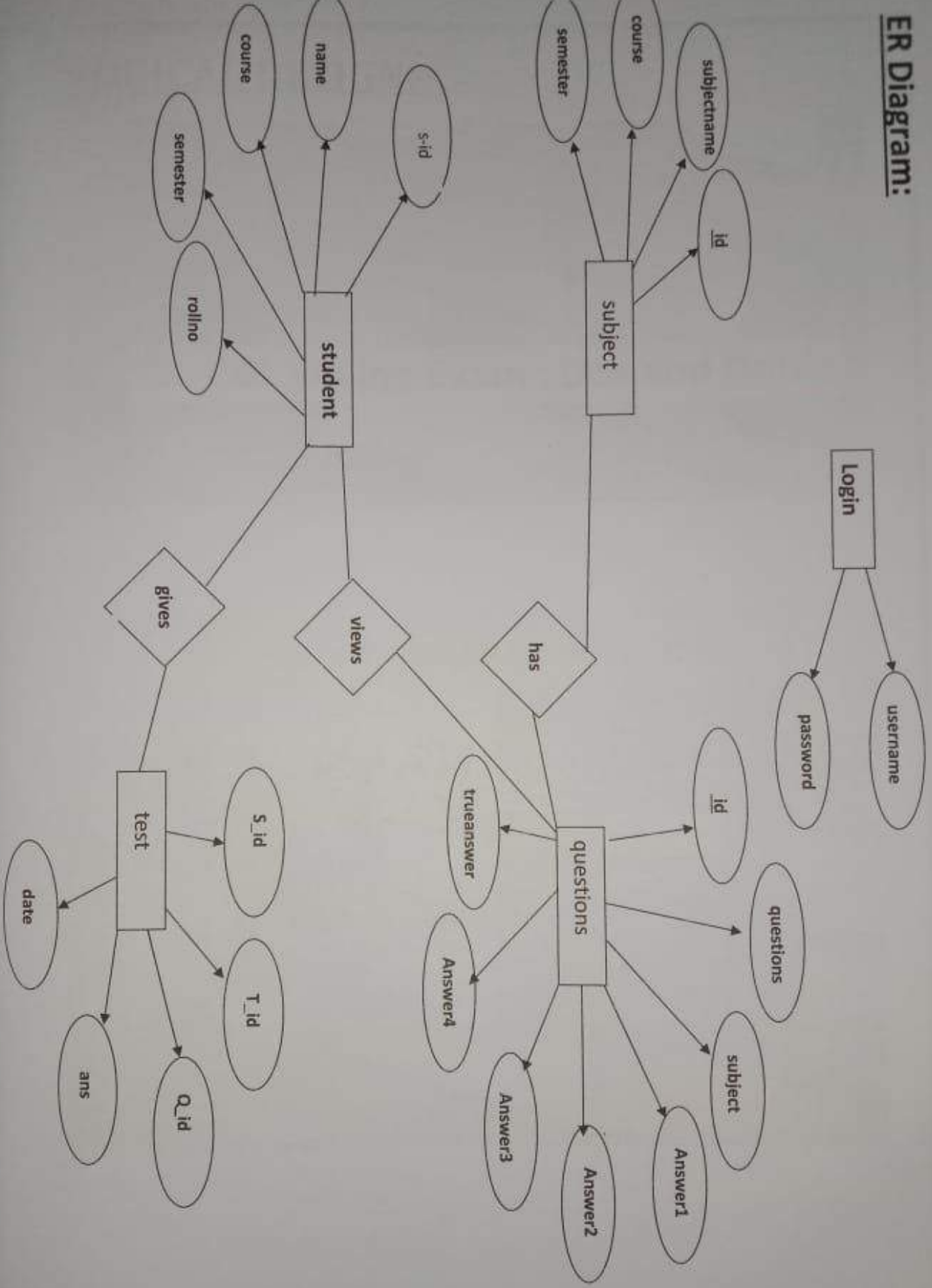
Field	Type	Collation	Attributes	Null	Default	Extra	Action							
<input type="checkbox"/> Id	int(6)			No	None	auto_increment								
<input type="checkbox"/> Subjectname	varchar(20)	latin1_swedish_ci		No	None									
<input type="checkbox"/> Course	varchar(20)	latin1_swedish_ci		No	None									
<input type="checkbox"/> Semester	int(5)			No	None									

Print view Propose table structure

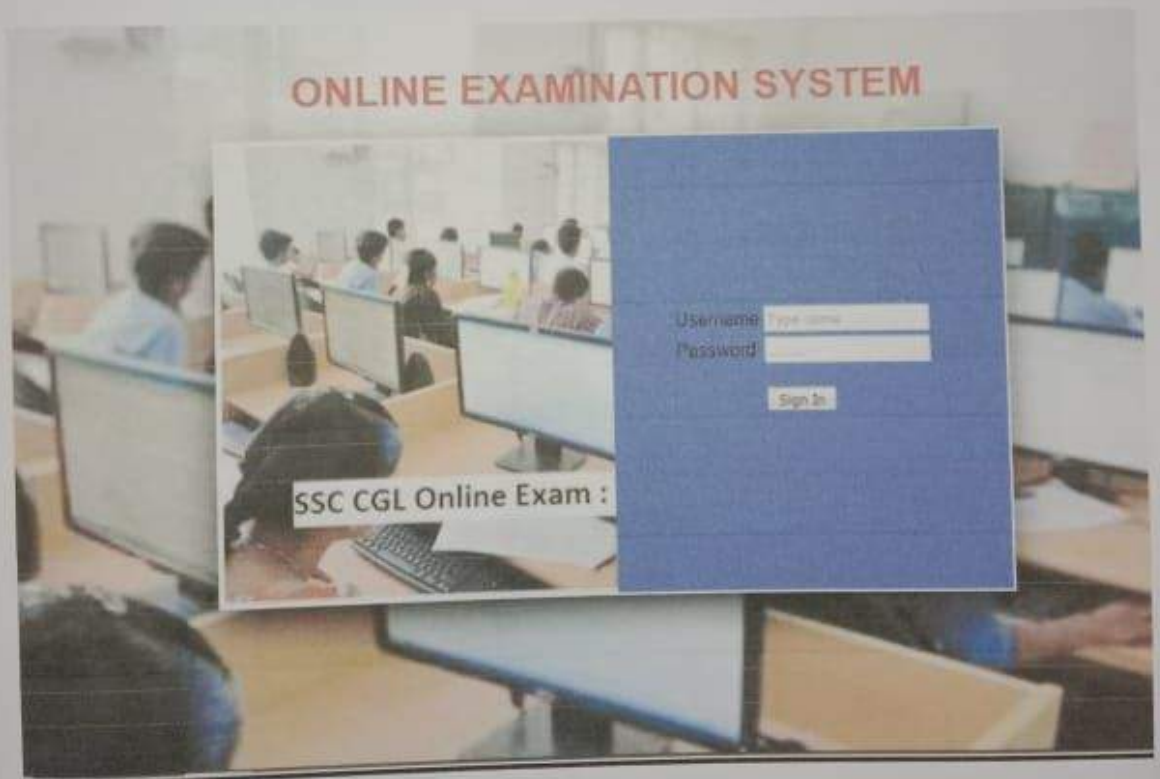
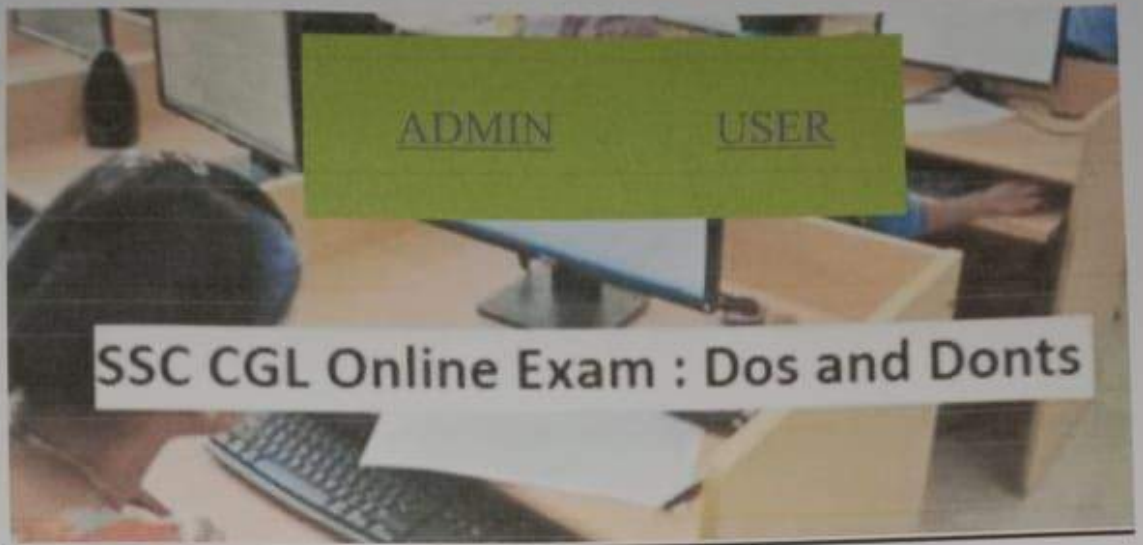
Add 1 field(s) At End of Table At Beginning of Table After Id

+ Details...

ER Diagram:



LOGICAL DESIGN:-





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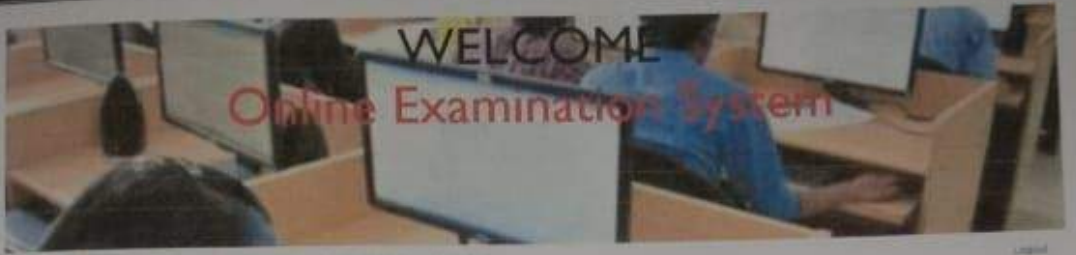


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<input type="text"/>
<input type="button" value="GO"/>
<input type="button" value="FIND"/>
<input type="button" value="RESET"/>



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[Enter]



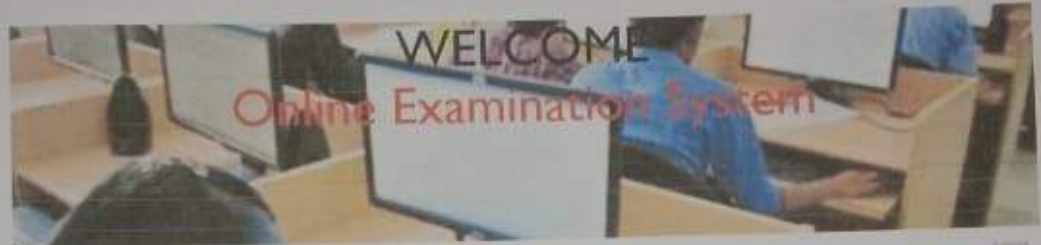


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Questions Search

ID	Questions	Subject	Answer1	Answer2	Answer3	Answer4	TrueAnswer
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Questions

Questions 2
Subjects 1
Answers:
 1
 2
 3
 4

Questions 2
Subjects 1
Answers:
 1
 2
 3
 4

Questions: what is your favorite place?
Subjects: 1
Answers:
 beach
 shopping
 swimming
 hospital
 school

Questions: what is your name?
Subjects: 1
Answers:
 jctes
 jakes
 jrobert
 jakeji
 jakejs

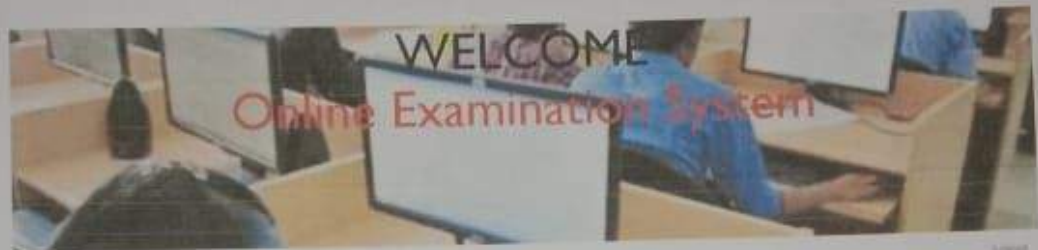


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Questions Search

ID Questions Subject Answer1 Answer2 Answer3 Answer4 TrueAnswer



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Questions

Questions: 2
Subjects: 1
Answers:
0
0
0
0

Questions: 2
Subjects: 1
Answers: 1
0
0
0
0

Questions: what is your favorite place?
Subjects: 1
Answers: 1
0
0
0
0

Questions: what is your name?
Subjects: 1
Answers: 1
0
0
0
0

CONCLUSION

Online Examination System is a web application. The key concept is to minimize the amount of paper and convert all forms of documentation to digital form. It can observe that the information required can be obtained with ease and accuracy in the computerized system. The user with minimum knowledge about computer can able operate the system easily. The system also produces brief result required by the management.

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