A REPORT ON

WHIZ GRADE

AN ONLINE EXAM MANAGEMENT SYSTEM

SUBMITTED FOR THE COURSE

CS6106 – DATABASE MANAGEMENT SYSTEM

TEAM MEMBERS:-

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BATCH:

R BATCH

COURSE:

B.E COMPUTER SCIENCE AND ENGINEERING

DATE:

31-05-2021

CONTENT:-

INTRODUCTION:-

Our aim is to create an ONLINE EXAMINATION SYSTEM. It is a web-based examination system where examinations are given online either through the internet or intranet using computer system. The main goal of this online examination system is to effectively evaluate the student thoroughly through a totally automated system that not only reduce the required time but also obtain fast and accurate results.

ONLINE EXAMINATION SYSTEM is an online 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.

TECHNOLOGY USED:

Front-End: HTML,CSS,JavaScript

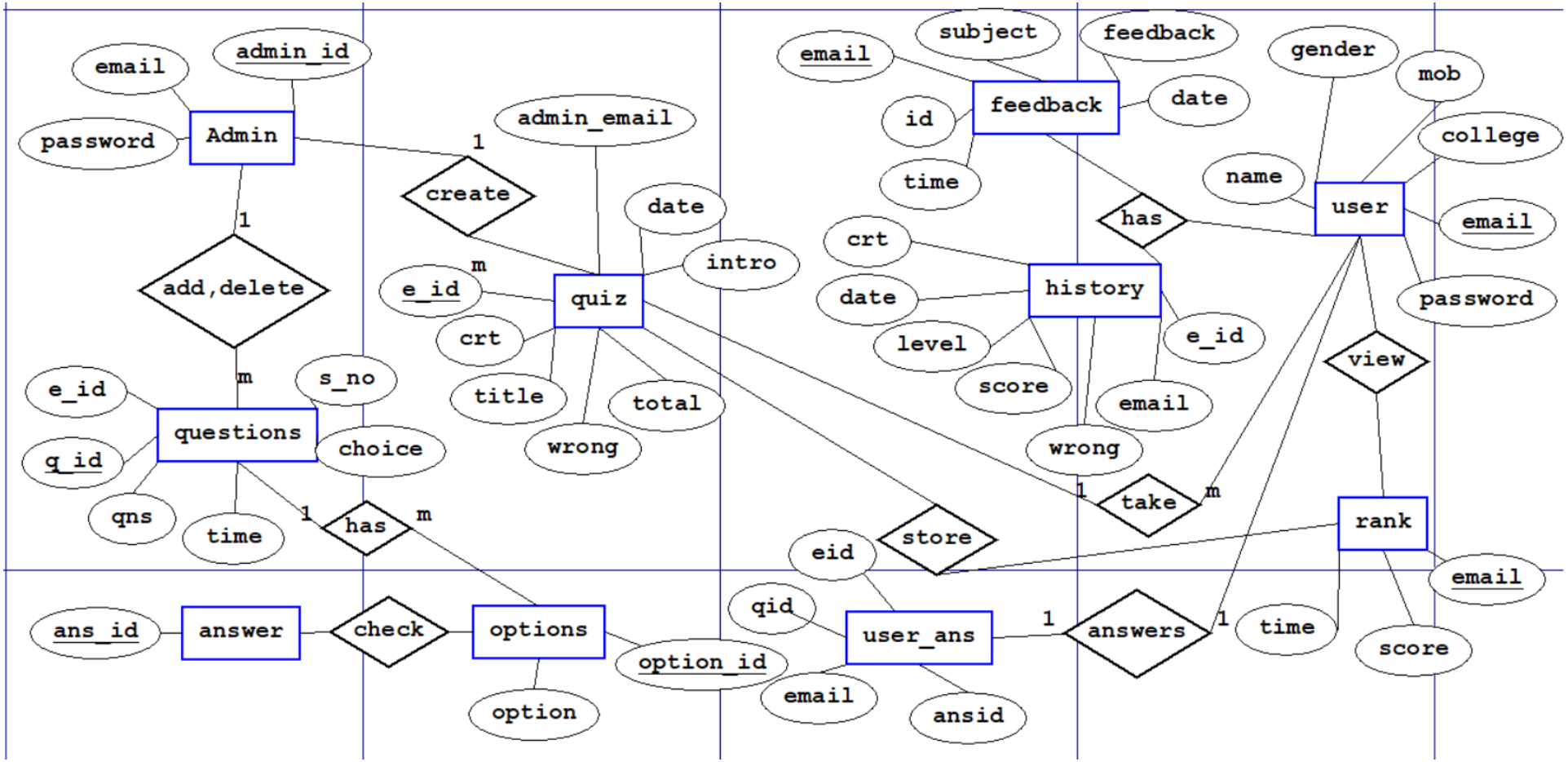
Back-End: PHP,MySql

Software Used: VISUAL STUDIO CODE , XAMPP

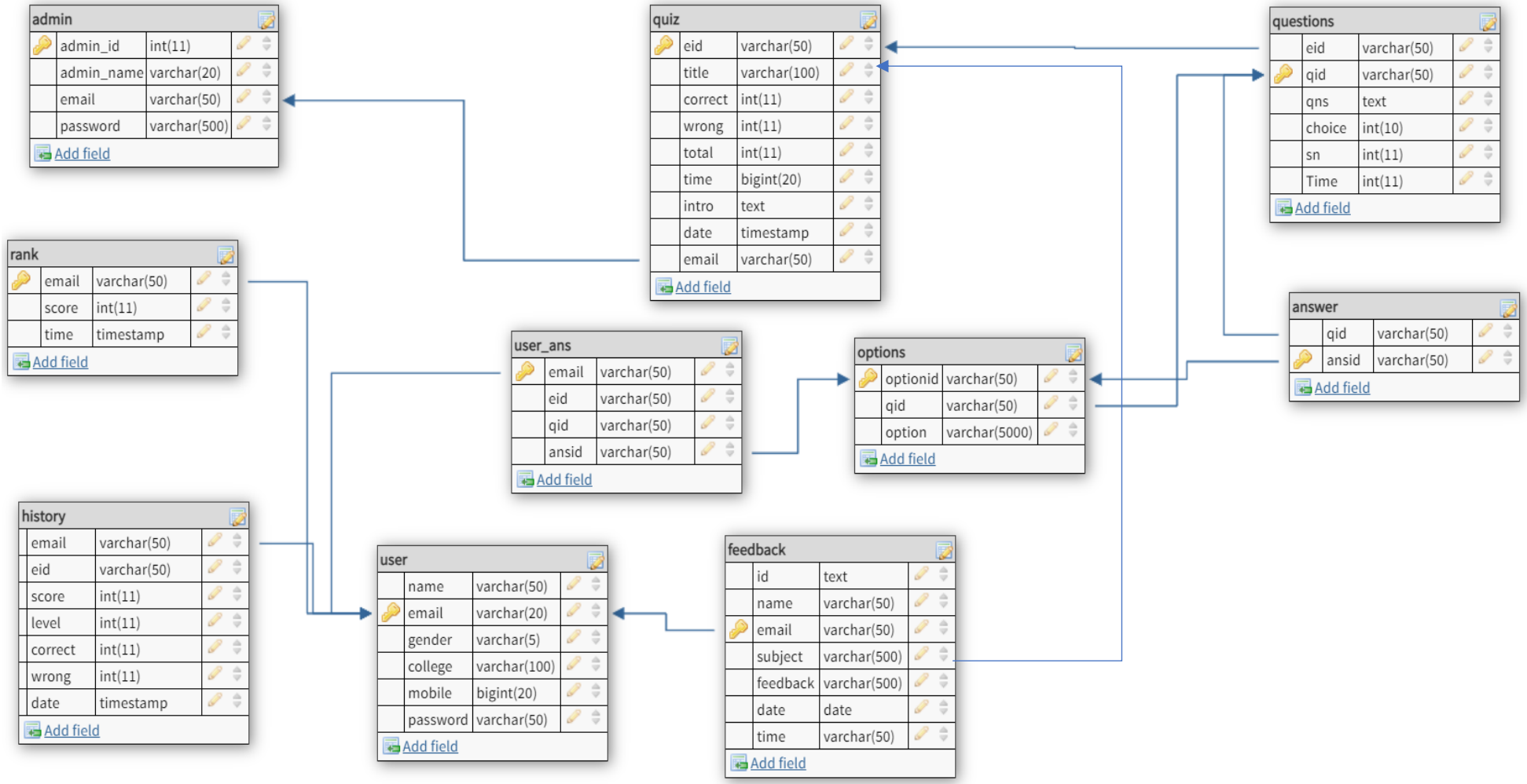
FUNCTIONAL SPECIFICATION:

- Registering new Student
- Getting the student and quiz info and storing it to databases
- Questions are of MCQ types
- Admin can add/delete users & quiz
- Getting the type and number of question paper
- Timer is added for each question
- Generating result after the exam
- Checking the selected answers and correct answers after completion of exam
- Rank of all students are displayed
- Feedback is also added

ER DIAGRAM:-


email
admin_id
password
Admin
1
create
admin_email
1
add,delete
m
date
intro
e_id
m
quiz
crt
title
total
wrong
e_id
s_no
q_id
questions
choice
qns
time
1
has
m
subject
feedback
email
feedback
date
id
time
has
crt
date
history
level
score
email
wrong
e_id
gender
mob
college
name
user
email
password
view
1
take
m
rank
email
time
score
store
eid
qid
user_ans
email
ansid
1
answers
1
ans_id
answer
check
options
option_id
option

DB-SCHEMA:-


admin
admin_id int(11)
admin_name varchar(20)
email varchar(50)
password varchar(500)
Add field
quiz
eid varchar(50)
title varchar(100)
correct int(11)
wrong int(11)
total int(11)
time bigint(20)
intro text
date timestamp
email varchar(50)
Add field
questions
eid varchar(50)
qid varchar(50)
qns text
choice int(10)
sn int(11)
Time int(11)
Add field
rank
email varchar(50)
score int(11)
time timestamp
Add field
user_ans
email varchar(50)
eid varchar(50)
qid varchar(50)
ansid varchar(50)
Add field
options
optionid varchar(50)
qid varchar(50)
option varchar(5000)
Add field
answer
qid varchar(50)
ansid varchar(50)
Add field
history
email varchar(50)
eid varchar(50)
score int(11)
level int(11)
correct int(11)
wrong int(11)
date timestamp
Add field
user
name varchar(50)
email varchar(20)
gender varchar(5)
college varchar(100)
mobile bigint(20)
password varchar(50)
Add field
feedback
id text
name varchar(50)
email varchar(50)
subject varchar(500)
feedback varchar(500)
date date
time varchar(50)
Add field

TABLES & THEIR ATTRIBUTES:-

ADMIN:-

Field	Type	Null	Key	Default	Extra
admin_id	int(11)	NO	PRI	null	auto_increment
email	varchar(50)	NO	MUL	null	
password	varchar(500)	NO		null	
admin_name	varchar(20)	YES		null	

USER:-

Field	Type	Null	Key	Default	Extra
name	varchar(50)	NO		null	
gender	varchar(5)	NO		null	
college	varchar(100)	NO		null	
email	varchar(50)	NO	PRI	null	
mob	bigint(20)	NO		null	
password	varchar(50)	NO		null	

QUIZ:-

Field	Type	Null	Key	Default	Extra
eid	varchar(50)	NO	PRI	null	
title	varchar(100)	NO	MUL	null	
correct	int(11)	NO		null	
wrong	int(11)	NO		null	
total	int(11)	NO		null	
time	bigint(20)	NO		null	
intro	text	NO		null	
date	timestamp	NO		current_timestamp()	on update current_timestamp()
email	varchar(50)	NO	MUL	null	

QUESTIONS:-

Field	Type	Null	Key	Default	Extra
eid	varchar(50)	NO	MUL	null	
qid	varchar(50)	NO	PRI	null	
qns	text	NO		null	
choice	int(10)	NO		null	
sn	int(11)	NO		null	
Time	int(11)	YES		null	

OPTIONS:-

Field	Type	Null	Key	Default	Extra
qid	varchar(50)	NO	MUL	null	
option	varchar(5000)	NO		null	
optionid	varchar(50)	NO	PRI	null	

ANSWER:-

Field	Type	Null	Key	Default	Extra
qid	varchar(50)	NO	MUL	null	
ansid	varchar(50)	NO	PRI	null	

FEEDBACK:-

Field	Type	Null	Key	Default	Extra
id	text	NO		null	
name	varchar(50)	NO		null	
email	varchar(50)	NO	PRI	null	
subject	varchar(500)	NO	MUL	null	
feedback	varchar(500)	NO		null	
date	date	NO		null	
time	varchar(50)	NO		null	

HISTORY:-

Field	Type	Null	Key	Default	Extra
email	varchar(50)	NO	PRI	null	
eid	varchar(50)	NO		null	
score	int(11)	NO		null	
level	int(11)	NO		null	
correct	int(11)	NO		null	
wrong	int(11)	NO		null	
date	timestamp	NO		current_timestamp()	on update current_timestamp()

USER_ANS:-

Field	Type	Null	Key	Default	Extra
email	varchar(50)	NO	MUL	null	
eid	varchar(50)	NO		null	
qid	varchar(50)	NO		null	
ansid	varchar(50)	NO	MUL	null	

RANK:-

Field	Type	Null	Key	Default	Extra
email	varchar(50)	NO	PRI	null	
score	int(11)	NO		null	
time	timestamp	NO		current_timestamp()	on update current_timestamp()

INSTANCES OF EACH TABLE:-

ADMIN:-

admin_id	email	password	admin_name
1	kanishkaa@gmail.com	jungkook	kanishkaa
2	kavi@gmail.com	kimseokjin	Kavishree
3	abinus@gmail.com	taehung	Abinus

USER:-

name	gender	college	email	mob	password
Ariana	F	SSN	ariana@gmail.com	9087890654	e10adc3949ba59abbe56e057f20f883e
Jin	M	Seoul University	jin@gmail.com	9080769548	e10adc3949ba59abbe56e057f20f883e
Maria	F	Harvard university	maria@gmai.com	9876543210	e10adc3949ba59abbe56e057f20f883e
Wave	M	College Of Engineering, Anna University	wave@gmail.com	9444739170	e10adc3949ba59abbe56e057f20f883e

QUIZ:-

eid	title	correct	wrong	total	time	intro	date	email
60ad0415dcb03	Operating System	2	1	5	2	-1 for each wrong answer....Answer carefully	Sun May 30 2021 08:26:09 GMT+0530 (India Standard Time)	kanishkaa@gmail.com
60ae056fa5ac6	Dbms	2	0	5	3	No negative marks	Sun May 30 2021 08:26:15 GMT+0530 (India Standard Time)	kanishkaa@gmail.com
60ae0a4791f69	Theory Of Computation	2	1	5	2	-1 for each wrong answer	Sun May 30 2021 08:26:21 GMT+0530 (India Standard Time)	kanishkaa@gmail.com
60ae0b8d7049c	Data Structures & Algorithms	1	0	5	2	No negative marking	Sun May 30 2021 08:26:28 GMT+0530 (India Standard Time)	kanishkaa@gmail.com

QUESTIONS:-

eid	qid	qns	choice	sn	Time
60ad0415dcb03	60ad05481d94b	To access the services of OS, the interface is provided by the...	4	1	15
60ad0415dcb03	60ad05494fe22	Which one of the following error will be handled by the OS?	4	2	20
60ad0415dcb03	60ad0549888fe	In OS, which of the following is/are CPU scheduling algorithms?	4	3	20
60ad0415dcb03	60ad054a14bb9	If a process fails, most OS write the error information to a....	4	4	15
60ad0415dcb03	60ad054a45588	The OS X has....	4	5	15
60ae056fa5ac6	60ae0775b56fc	Which one of the following is a procedural language?	4	1	15
60ae056fa5ac6	60ae0775edcc9	The subset of a super key is a candidate key under what condition?	4	2	25
60ae056fa5ac6	60ae077633a6b	Which one of the following attribute can be taken as a primary key?	4	3	10
60ae056fa5ac6	60ae077666fab	A relational database consists of a collection of	4	4	20
60ae056fa5ac6	60ae07769fd04	Which one of the following command used to remove a relation from an SQL databse?	4	5	10
60ae0a4791f69	60ae0b5618df4	Which of the technique can be used to prove that a language is non regular?	4	1	25
60ae0a4791f69	60ae0b569c0b7	We can represent one language in more one FSMs, true or false?	4	2	15
60ae0a4791f69	60ae0b56d22bf	The production form of non-terminal epsilon is called:	4	3	10
60ae0a4791f69	60ae0b5729864	The entity which generate language is termed as:	4	4	15
60ae0a4791f69	60ae0b579f4a0	The language accepted by push down automaton:	4	5	25
60ae0b8d7049c	60ae0c4c34ac7	A queue follows:	4	1	10
60ae0b8d7049c	60ae0c4d1d1ac	Circular queue is also known as	4	2	15
60ae0b8d7049c	60ae0c4d60739	How many children does a binary tree have?	4	3	25
60ae0b8d7049c	60ae0c4d93e25	Level order traversal of a tree is formed with the help of	4	4	20
60ae0b8d7049c	60ae0c4df17bd	What is threaded binary tree traversal?	4	5	30

OPTIONS:-

qid	option	optionid
60ad05481d94b	system calls	60ad0548ef13f
60ad05481d94b	API	60ad0548ef14b
60ad05481d94b	library	60ad0548ef14d
60ad05481d94b	assembly instructions	60ad0548ef14f
60ad05494fe22	power failure	60ad0549594a4
60ad05494fe22	lack of paper in printer	60ad0549594a9
60ad05494fe22	connection failure in the network	60ad0549594aa
60ad05494fe22	all the above	60ad0549594ab
60ad0549888fe	Round Robin	60ad054998bcc
60ad0549888fe	Shortest Job First	60ad054998bd1
60ad0549888fe	Priority	60ad054998bd2
60ad0549888fe	all the above	60ad054998bd3
60ad054a14bb9	log file	60ad054a1b9df
60ad054a14bb9	another running process	60ad054a1b9eb
60ad054a14bb9	new file	60ad054a1b9ed
60ad054a14bb9	none of the above	60ad054a1b9ef
60ad054a45588	monolithic kernel	60ad054a4c167
60ad054a45588	hybrid kernel	60ad054a4c172
60ad054a45588	microkernel	60ad054a4c175
60ad054a45588	monolithic kernel with modules	60ad054a4c177
60ae0775b56fc	Domain relational calculus	60ae0775c150b
60ae0775b56fc	Tuple relational calculus	60ae0775c1518
60ae0775b56fc	Relational algebra	60ae0775c151b
60ae0775b56fc	Query language	60ae0775c151d
60ae0775edcc9	No proper subset is a super key	60ae07760087c
60ae0775edcc9	All subsets are super keys	60ae077600889
60ae0775edcc9	Subset is a super key	60ae07760088c
60ae0775edcc9	Each subset is super key	60ae07760088f

60ae077633a6b	Name	60ae07763d3c6
60ae077633a6b	Street	60ae07763d3d3
60ae077633a6b	ID	60ae07763d3d7
60ae077633a6b	Department	60ae07763d3da
60ae077666fab	Tables	60ae077670a1c
60ae077666fab	Fields	60ae077670a2a
60ae077666fab	Records	60ae077670a2d
60ae077666fab	Keys	60ae077670a30
60ae07769fd04	Delete	60ae0776a9184
60ae07769fd04	Purge	60ae0776a918f
60ae07769fd04	Remove	60ae0776a9192
60ae07769fd04	Drop table	60ae0776a9194
60ae0b5618df4	Ardens theorem	60ae0b5636d13
60ae0b5618df4	Pumping lemma	60ae0b5636d22
60ae0b5618df4	Ogden lemma	60ae0b5636d26
60ae0b5618df4	None of the above	60ae0b5636d28
60ae0b569c0b7	True	60ae0b56a569d
60ae0b569c0b7	False	60ae0b56a56ab
60ae0b569c0b7	May be true	60ae0b56a56ae
60ae0b569c0b7	Cannot be said	60ae0b56a56b1
60ae0b56d22bf	Sigma production	60ae0b56de28e
60ae0b56d22bf	Null production	60ae0b56de29a

60ae0b56d22bf	Epsilon production	60ae0b56de29e
60ae0b56d22bf	All the above	60ae0b56de2a1
60ae0b5729864	Automata	60ae0b5733039
60ae0b5729864	Tokens	60ae0b5733045
60ae0b5729864	Grammar	60ae0b5733047
60ae0b5729864	Data	60ae0b573304a

60ae0b579f4a0	Recursive language	60ae0b57ae0a4
60ae0b579f4a0	Context free language	60ae0b57ae0b2
60ae0b579f4a0	Linearly bounded language	60ae0b57ae0b5
60ae0b579f4a0	All the above	60ae0b57ae0b8
60ae0c4c34ac7	FIFO	60ae0c4ca2759
60ae0c4c34ac7	LIFO	60ae0c4ca2766
60ae0c4c34ac7	Ordered array	60ae0c4ca2768
60ae0c4c34ac7	Linear tree	60ae0c4ca276a
60ae0c4d1d1ac	Ring buffer	60ae0c4d26617
60ae0c4d1d1ac	Square buffer	60ae0c4d26620
60ae0c4d1d1ac	Rectangle buffer	60ae0c4d26623
60ae0c4d1d1ac	Curve buffer	60ae0c4d26625
60ae0c4d60739	2	60ae0c4d67465
60ae0c4d60739	Any number of children	60ae0c4d6746e
60ae0c4d60739	0 or 1 or 2	60ae0c4d6746f
60ae0c4d60739	0 or 1	60ae0c4d67470
60ae0c4d93e25	Breadth First Search	60ae0c4dad93f
60ae0c4d93e25	Depth First Search	60ae0c4dad94c
60ae0c4d93e25	Dijkstras algorithm	60ae0c4dad94f

60ae0c4d93e25	Prims algorithm	60ae0c4dad952
60ae0c4df17bd	A binary tree traversal using stacks	60ae0c4e06b67
60ae0c4df17bd	A binary tree traversal using queues	60ae0c4e06b75
60ae0c4df17bd	A binary tree traversal using stacks & queues	60ae0c4e06b79
60ae0c4df17bd	A binary tree traversal without using stacks & queues	60ae0c4e06b7c

ANSWER:-

qid	ansid
60ad05481d94b	60ad0548ef13f
60ad05494fe22	60ad0549594ab
60ad0549888fe	60ad054998bd3
60ad054a14bb9	60ad054a1b9df
60ad054a45588	60ad054a4c172
60ae0775b56fc	60ae0775c151b
60ae0775edcc9	60ae07760087c
60ae077633a6b	60ae07763d3d7
60ae077666fab	60ae077670a1c
60ae07769fd04	60ae0776a9194
60ae0b5618df4	60ae0b5636d22
60ae0b569c0b7	60ae0b56a569d
60ae0b56d22bf	60ae0b56de29a
60ae0b5729864	60ae0b5733047
60ae0b579f4a0	60ae0b57ae0b2
60ae0c4c34ac7	60ae0c4ca2759
60ae0c4d1d1ac	60ae0c4d26617
60ae0c4d60739	60ae0c4d6746f
60ae0c4d93e25	60ae0c4dad93f
60ae0c4df17bd	60ae0c4e06b7c

RANK:-

email	score	time
ariana@gmail.com	9	Mon May 31 2021 11:27:52 GMT+0530 (India Standard Time)
jin@gmail.com	6	Mon May 31 2021 06:40:31 GMT+0530 (India Standard Time)
maria@gmai.com	6	Sun May 30 2021 18:20:48 GMT+0530 (India Standard Time)
wave@gmail.com	3	Mon May 31 2021 06:50:05 GMT+0530 (India Standard Time)

HISTORY:-

email	eid	score	level	correct	wrong	date
jin@gmail.com	60ad0415dcb03	1	5	2	3	Sun May 30 2021 18:22:18 GMT+0530 (India Standard Time)
maria@gmai.com	60ae056fa5ac6	6	5	3	2	Sun May 30 2021 18:20:48 GMT+0530 (India Standard Time)
wave@gmail.com	60ae0b8d7049c	4	5	4	1	Mon May 31 2021 06:27:09 GMT+0530 (India Standard Time)
wave@gmail.com	60ae056fa5ac6	4	5	2	3	Mon May 31 2021 06:34:38 GMT+0530 (India Standard Time)
wave@gmail.com	60ad0415dcb03	-2	5	1	4	Mon May 31 2021 06:38:06 GMT+0530 (India Standard Time)
jin@gmail.com	60ae0b8d7049c	4	5	4	1	Mon May 31 2021 06:39:08 GMT+0530 (India Standard Time)
jin@gmail.com	60ae0a4791f69	1	5	2	3	Mon May 31 2021 06:40:31 GMT+0530 (India Standard Time)
wave@gmail.com	60ae0a4791f69	-2	5	1	4	Mon May 31 2021 06:50:04 GMT+0530 (India Standard Time)
ariana@gmail.com	60ae0b8d7049c	5	5	5	0	Mon May 31 2021 09:34:21 GMT+0530 (India Standard Time)
ariana@gmail.com	60ae0a4791f69	4	5	3	2	Mon May 31 2021 11:27:52 GMT+0530 (India Standard Time)

FEEDBACK:-

id	name	email	subject	feedback	date	time
60b47e6197082	Ariana	ariana@gmail.com	DBMS	Average	Mon May 31 2021 00:00:00 GMT+0530 (India Standard Time)	08:12:49am
60b38a9f0a00f	Jin	jin@gmail.com	Operating System	Good	Sun May 30 2021 00:00:00 GMT+0530 (India Standard Time)	02:52:47pm
60b38a49450a0	MARIA	maria@gmai.com	DBMS	TIme not sufficient	Sun May 30 2021 00:00:00 GMT+0530 (India Standard Time)	02:51:21pm
60b389d4e0752	WAVE	wave@gmail.com	DBMS	GOOD	Sun May 30 2021 00:00:00 GMT+0530 (India Standard Time)	02:49:24pm

USER_ANS:-

email	eid	qid	ansid
maria@gmai.com	60ae056fa5ac6	60ae0775b56fc	60ae0775c150b
maria@gmai.com	60ae056fa5ac6	60ae0775edcc9	60ae07760087c
maria@gmai.com	60ae056fa5ac6	60ae077633a6b	60ae07763d3d7
maria@gmai.com	60ae056fa5ac6	60ae077666fab	60ae077670a2d
maria@gmai.com	60ae056fa5ac6	60ae07769fd04	60ae0776a9194
jin@gmail.com	60ad0415dcb03	60ad05481d94b	60ad0548ef13f
jin@gmail.com	60ad0415dcb03	60ad05494fe22	60ad0549594a4
jin@gmail.com	60ad0415dcb03	60ad0549888fe	60ad054998bd1
jin@gmail.com	60ad0415dcb03	60ad054a14bb9	60ad054a1b9ed
jin@gmail.com	60ad0415dcb03	60ad054a45588	60ad054a4c172
wave@gmail.com	60ae056fa5ac6	60ae0775b56fc	60ae0775c150b
wave@gmail.com	60ad0415dcb03	60ad05481d94b	60ad0548ef13f
wave@gmail.com	60ad0415dcb03	60ad05481d94b	60ad0548ef13f
wave@gmail.com	60ae056fa5ac6	60ae0775b56fc	60ae0775c150b
wave@gmail.com	60ad0415dcb03	60ad05481d94b	60ad0548ef13f
wave@gmail.com	60ad0415dcb03	60ad05481d94b	60ad0548ef13f
wave@gmail.com	60ae0b8d7049c	60ae0c4c34ac7	60ae0c4ca2759
wave@gmail.com	60ae0b8d7049c	60ae0c4d1d1ac	60ae0c4d26617
wave@gmail.com	60ae0b8d7049c	60ae0c4d60739	60ae0c4d6746f
wave@gmail.com	60ae0b8d7049c	60ae0c4d93e25	60ae0c4dad94f

wave@gmail.com	60ae056fa5ac6	60ae0775b56fc	60ae0775c150b
wave@gmail.com	60ae056fa5ac6	60ae0775edcc9	60ae07760088c
wave@gmail.com	60ae056fa5ac6	60ae077633a6b	60ae07763d3d7
wave@gmail.com	60ae056fa5ac6	60ae077666fab	60ae077670a2d
wave@gmail.com	60ae056fa5ac6	60ae07769fd04	60ae0776a9194
wave@gmail.com	60ad0415dcb03	60ad05481d94b	60ad0548ef13f
wave@gmail.com	60ad0415dcb03	60ad05494fe22	60ad0549594a4
wave@gmail.com	60ad0415dcb03	60ad0549888fe	60ad054998bcc
wave@gmail.com	60ad0415dcb03	60ad054a14bb9	60ad054a1b9eb
wave@gmail.com	60ad0415dcb03	60ad054a45588	60ad054a4c177
jin@gmail.com	60ae0b8d7049c	60ae0c4c34ac7	60ae0c4ca2759
jin@gmail.com	60ae0b8d7049c	60ae0c4d1d1ac	60ae0c4d26617
jin@gmail.com	60ae0b8d7049c	60ae0c4d60739	60ae0c4d6746f
jin@gmail.com	60ae0b8d7049c	60ae0c4d93e25	60ae0c4dad94f
jin@gmail.com	60ae0b8d7049c	60ae0c4df17bd	60ae0c4e06b7c
jin@gmail.com	60ae0a4791f69	60ae0b5618df4	60ae0b5636d13
jin@gmail.com	60ae0a4791f69	60ae0b569c0b7	60ae0b56a569d
jin@gmail.com	60ae0a4791f69	60ae0b56d22bf	60ae0b56de29e
jin@gmail.com	60ae0a4791f69	60ae0b5729864	60ae0b5733047
jin@gmail.com	60ae0a4791f69	60ae0b579f4a0	60ae0b57ae0a4
wave@gmail.com	60ae0a4791f69	60ae0b5618df4	60ae0b5636d13

wave@gmail.com	60ae0a4791f69	60ae0b569c0b7	60ae0b56a56ab
wave@gmail.com	60ae0a4791f69	60ae0b56d22bf	60ae0b56de29e
wave@gmail.com	60ae0a4791f69	60ae0b5729864	60ae0b5733047
wave@gmail.com	60ae0a4791f69	60ae0b579f4a0	60ae0b57ae0b8
ariana@gmail.com	60ae0b8d7049c	60ae0c4c34ac7	60ae0c4ca2759
ariana@gmail.com	60ae0b8d7049c	60ae0c4d1d1ac	60ae0c4d26617
ariana@gmail.com	60ae0b8d7049c	60ae0c4d60739	60ae0c4d6746f
ariana@gmail.com	60ae0b8d7049c	60ae0c4d93e25	60ae0c4dad93f
ariana@gmail.com	60ae0b8d7049c	60ae0c4df17bd	60ae0c4e06b7c
ariana@gmail.com	60ae0a4791f69	60ae0b5618df4	60ae0b5636d13
ariana@gmail.com	60ae0a4791f69	60ae0b569c0b7	60ae0b56a569d
ariana@gmail.com	60ae0a4791f69	60ae0b56d22bf	60ae0b56de29e
ariana@gmail.com	60ae0a4791f69	60ae0b5729864	60ae0b5733047
ariana@gmail.com	60ae0a4791f69	60ae0b579f4a0	60ae0b57ae0b2

QUERY FOR CREATING TABLES:-

```
Table structure for table `admin`


CREATE TABLE `admin` (
  `admin_id` int(11) NOT NULL,
  `email` varchar(50) NOT NULL,
  `password` varchar(500) NOT NULL,
  `admin_name` varchar(20) DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8;

Table structure for table `answer`

CREATE TABLE `answer` (
  `qid` varchar(50) NOT NULL,
  `ansid` varchar(50) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8;

Table structure for table `feedback`
--

CREATE TABLE `feedback` (
  `id` text NOT NULL,
  `name` varchar(50) NOT NULL,
  `email` varchar(50) NOT NULL,
  `subject` varchar(500) NOT NULL,
  `feedback` varchar(500) NOT NULL,
  `date` date NOT NULL,
  `time` varchar(50) NOT NULL
```

```
) ENGINE=InnoDB DEFAULT CHARSET=utf8;

Table structure for table `history`
--

CREATE TABLE `history` (
  `email` varchar(50) NOT NULL,
  `eid` varchar(50) NOT NULL,
  `score` int(11) NOT NULL,
  `level` int(11) NOT NULL,
  `correct` int(11) NOT NULL,
  `wrong` int(11) NOT NULL,
  `date` timestamp NOT NULL DEFAULT current_timestamp() ON UPDATE current_timestamp()
) ENGINE=InnoDB DEFAULT CHARSET=utf8;


Table structure for table `options`
--

CREATE TABLE `options` (
  `qid` varchar(50) NOT NULL,
  `option` varchar(5000) NOT NULL,
  `optionid` varchar(50) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8;

Table structure for table `questions`
--

CREATE TABLE `questions` (
  `eid` varchar(50) NOT NULL,
  `qid` varchar(50) NOT NULL,
```

```
  `qns` text NOT NULL,
  `choice` int(10) NOT NULL,
  `sn` int(11) NOT NULL,
  `Time` int(11) DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8;

Table structure for table `quiz`
--

CREATE TABLE `quiz` (
  `eid` varchar(50) NOT NULL,
  `title` varchar(100) NOT NULL,
  `correct` int(11) NOT NULL,
  `wrong` int(11) NOT NULL,
  `total` int(11) NOT NULL,
  `time` bigint(20) NOT NULL,
  `intro` text NOT NULL,
  `date` timestamp NOT NULL DEFAULT current_timestamp() ON UPDATE current_timestamp(),
  `email` varchar(50) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8;

Table structure for table `rank`
--

CREATE TABLE `rank` (
  `email` varchar(50) NOT NULL,
  `score` int(11) NOT NULL,
  `time` timestamp NOT NULL DEFAULT current_timestamp() ON UPDATE current_timestamp()
) ENGINE=InnoDB DEFAULT CHARSET=utf8;

-- --------------------------------------------------------
```

```sql
--
-- Table structure for table `user`
--

CREATE TABLE `user` (
  `name` varchar(50) NOT NULL,
  `gender` varchar(5) NOT NULL,
  `college` varchar(100) NOT NULL,
  `email` varchar(50) NOT NULL,
  `mob` bigint(20) NOT NULL,
  `password` varchar(50) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8;

Table structure for table `user_ans`
--

CREATE TABLE `user_ans` (
  `email` varchar(50) CHARACTER SET utf8 NOT NULL,
  `eid` varchar(50) CHARACTER SET utf8 NOT NULL,
  `qid` varchar(50) CHARACTER SET utf8 NOT NULL,
  `ansid` varchar(50) CHARACTER SET utf8 NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

Indexes for table `admin`
--
ALTER TABLE `admin`
  ADD PRIMARY KEY (`admin_id`),
  ADD KEY `email` (`email`);

--
```

```
-- Indexes for table `answer`
--
ALTER TABLE `answer`
  ADD PRIMARY KEY (`ansid`),
  ADD KEY `fk_ans1` (`qid`);

--
-- Indexes for table `feedback`
--
ALTER TABLE `feedback`
  ADD PRIMARY KEY (`email`),
  ADD KEY `fk_sub` (`subject`);

--
-- Indexes for table `options`
--
ALTER TABLE `options`
  ADD PRIMARY KEY (`optionid`),
  ADD KEY `fk_opt` (`qid`);

--
-- Indexes for table `questions`
--
ALTER TABLE `questions`
  ADD PRIMARY KEY (`qid`),
  ADD KEY `fk_qns` (`eid`);

--
-- Indexes for table `quiz`
--
ALTER TABLE `quiz`
```

```
  ADD PRIMARY KEY (`eid`),
  ADD KEY `fk_quiz` (`email`),
  ADD KEY `title` (`title`);

--
-- Indexes for table `rank`
--
ALTER TABLE `rank`
  ADD PRIMARY KEY (`email`);

--
-- Indexes for table `user`
--
ALTER TABLE `user`
  ADD PRIMARY KEY (`email`);

--
-- Indexes for table `user_ans`
--
ALTER TABLE `user_ans`
  ADD KEY `fk_userans` (`email`),
  ADD KEY `fk_userans1` (`ansid`);



UTO_INCREMENT for table `admin`
--
ALTER TABLE `admin`
  MODIFY `admin_id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=4;

--
```

```
-- Constraints for dumped tables
--


--
-- Constraints for table `answer`
--
ALTER TABLE `answer`
  ADD CONSTRAINT `fk_ans` FOREIGN KEY (`ansid`) REFERENCES `options` (`optionid`) ON DELETE CASCADE ON UPDATE CASCADE,
  ADD CONSTRAINT `fk_ans1` FOREIGN KEY (`qid`) REFERENCES `questions` (`qid`) ON DELETE CASCADE ON UPDATE CASCADE;

--
-- Constraints for table `feedback`
--
ALTER TABLE `feedback`
  ADD CONSTRAINT `fk_feedback` FOREIGN KEY (`email`) REFERENCES `user` (`email`) ON DELETE CASCADE ON UPDATE CASCADE,
  ADD CONSTRAINT `fk_sub` FOREIGN KEY (`subject`) REFERENCES `quiz` (`title`) ON DELETE CASCADE ON UPDATE CASCADE;

--
-- Constraints for table `history`
--
ALTER TABLE `history`
  ADD CONSTRAINT `fk_history` FOREIGN KEY (`email`) REFERENCES `user` (`email`) ON DELETE CASCADE ON UPDATE CASCADE;

--
-- Constraints for table `options`
--
ALTER TABLE `options`
  ADD CONSTRAINT `fk_opt` FOREIGN KEY (`qid`) REFERENCES `questions` (`qid`) ON DELETE CASCADE ON UPDATE CASCADE;

--
-- Constraints for table `questions`
```

```
--
ALTER TABLE `questions`
  ADD CONSTRAINT `fk_qns` FOREIGN KEY (`eid`) REFERENCES `quiz` (`eid`) ON DELETE CASCADE ON UPDATE CASCADE;

--
-- Constraints for table `quiz`
--
ALTER TABLE `quiz`
  ADD CONSTRAINT `fk_quiz` FOREIGN KEY (`email`) REFERENCES `admin` (`email`) ON DELETE CASCADE ON UPDATE CASCADE;

--
-- Constraints for table `rank`
--
ALTER TABLE `rank`
  ADD CONSTRAINT `fk_rank` FOREIGN KEY (`email`) REFERENCES `user` (`email`) ON DELETE CASCADE ON UPDATE CASCADE;

--
-- Constraints for table `user_ans`
--
ALTER TABLE `user_ans`
  ADD CONSTRAINT `fk_userans` FOREIGN KEY (`email`) REFERENCES `user` (`email`) ON DELETE CASCADE ON UPDATE CASCADE,
  ADD CONSTRAINT `fk_userans1` FOREIGN KEY (`ansid`) REFERENCES `options` (`optionid`) ON DELETE CASCADE ON UPDATE CASCA
DE;
COMMIT;
```

TRIGGERS USED:-

```
      Triggers `user`
--
DELIMITER $$
CREATE TRIGGER `del_feedback` AFTER DELETE ON `user` FOR EACH ROW DELETE FROM feedback where email=old.email
$$
DELIMITER ;

DELIMITER $$
CREATE TRIGGER `del_history` AFTER DELETE ON `user` FOR EACH ROW DELETE FROM history where email=old.email
$$
DELIMITER ;

DELIMITER $$
CREATE TRIGGER `del_userans` AFTER DELETE ON `user` FOR EACH ROW DELETE FROM user_ans WHERE email=old.email
$$
DELIMITER ;

DELIMITER $$
CREATE TRIGGER `delete_rank` AFTER DELETE ON `user` FOR EACH ROW DELETE FROM rank where email = old.email
$$
DELIMITER ;

 Triggers `quiz`
--
DELIMITER $$
CREATE TRIGGER `del_qn` AFTER DELETE ON `quiz` FOR EACH ROW DELETE FROM questions WHERE eid=old.eid
$$
DELIMITER ;
```

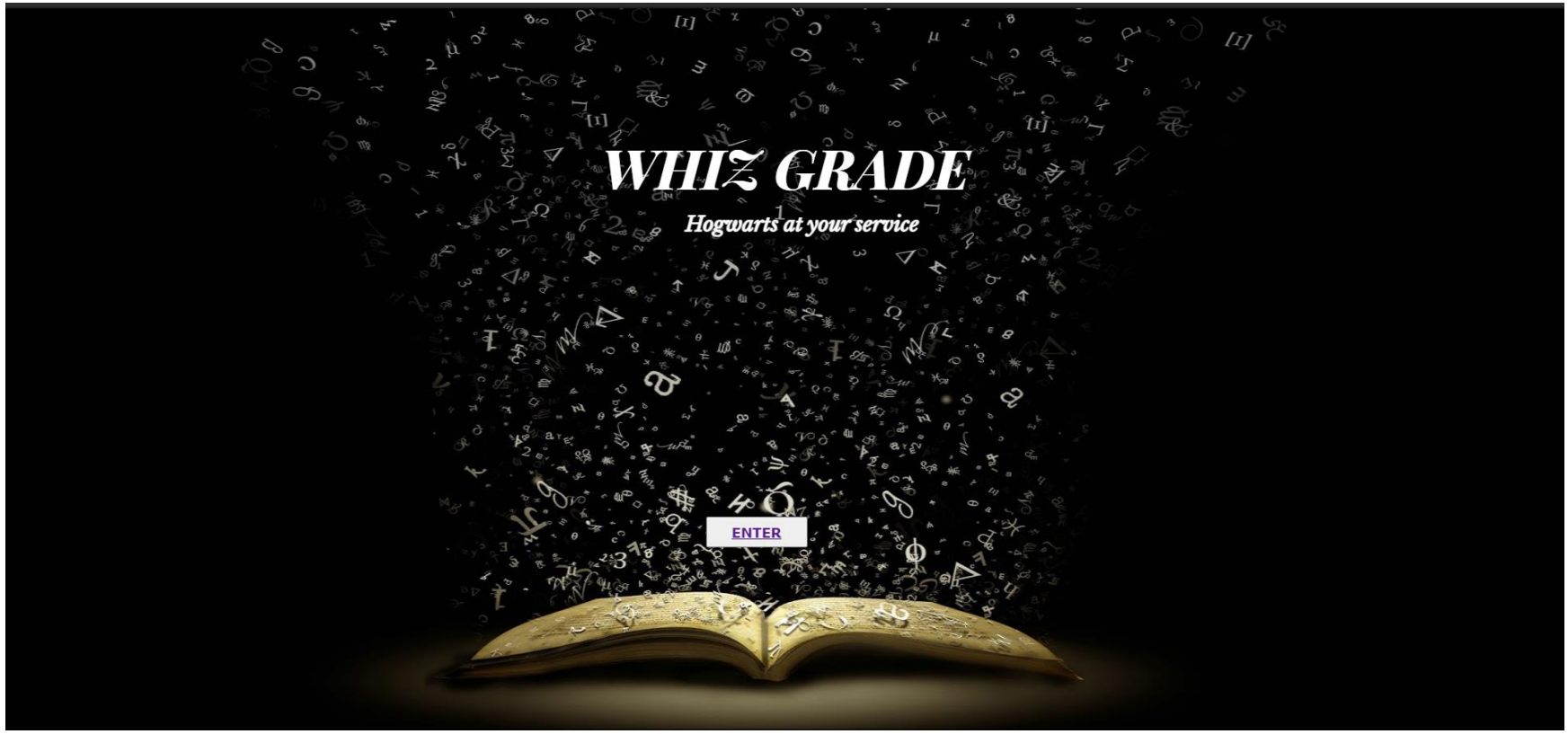
```
Triggers `questions`
--
DELIMITER $$
CREATE TRIGGER `del_opt` AFTER DELETE ON `questions` FOR EACH ROW DELETE FROM options WHERE qid=old.qid
$$
DELIMITER ;

Triggers `options`
--
DELIMITER $$
CREATE TRIGGER `del_ans` AFTER DELETE ON `options` FOR EACH ROW DELETE FROM answer where qid=old.qid
$$
DELIMITER ;
```

INNOVATION :-

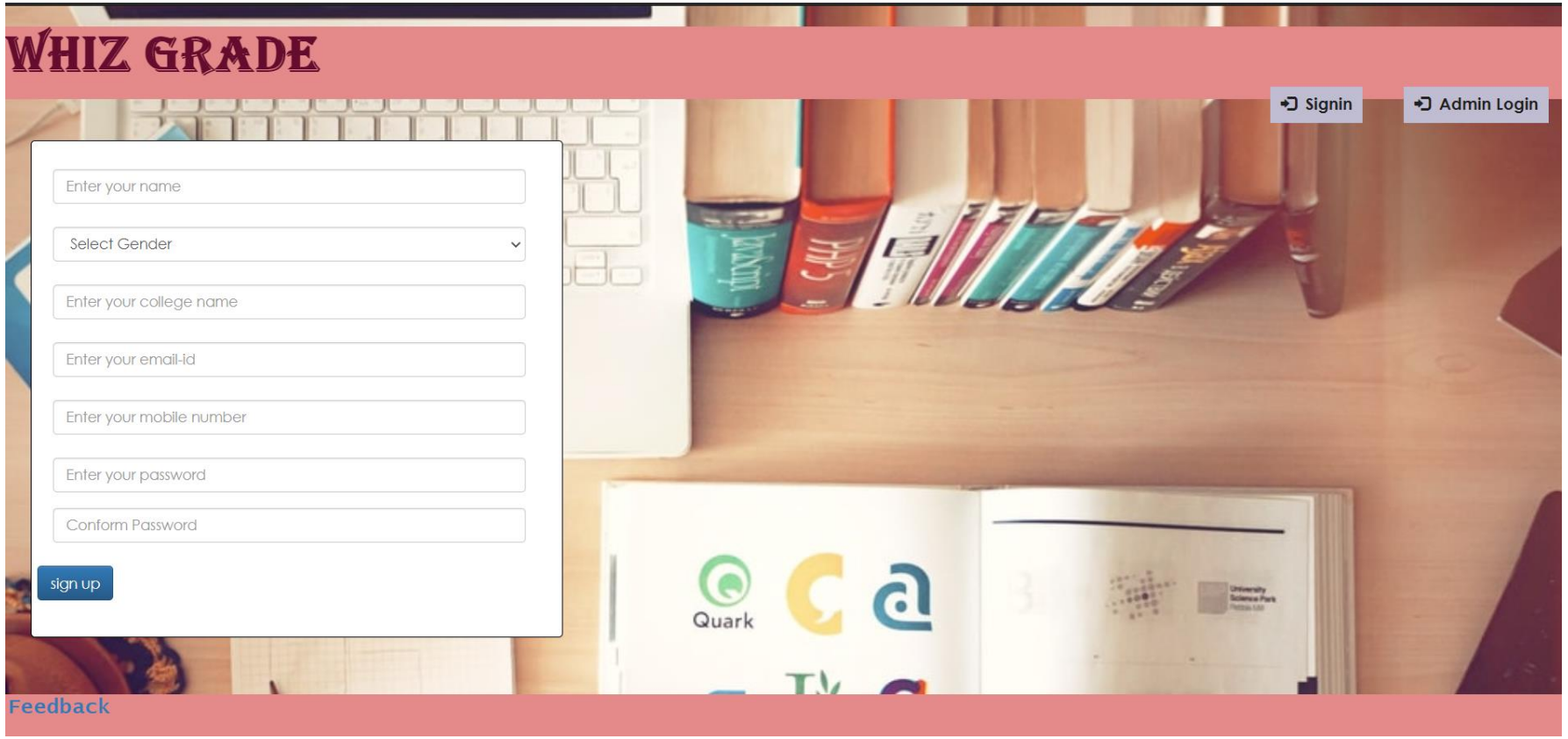
For competitive exams like JEE , NEET etc., time management is very important. Each question must be solved within a particular time so that they could clear the exams. In existing online exam websites , they have timer for the whole quiz. But in this project we included timer for each question which varies according to the complexity of the question. When time gets over , it moves to next question with different timer and goes on until the last question . At last the result page is displayed . If this type of mock test is conducted for those aspirants , then they could be trained in an efficient manner . Their time management skill will definitely increase day by day.

FRONT-END - SNAPSHOTS:-

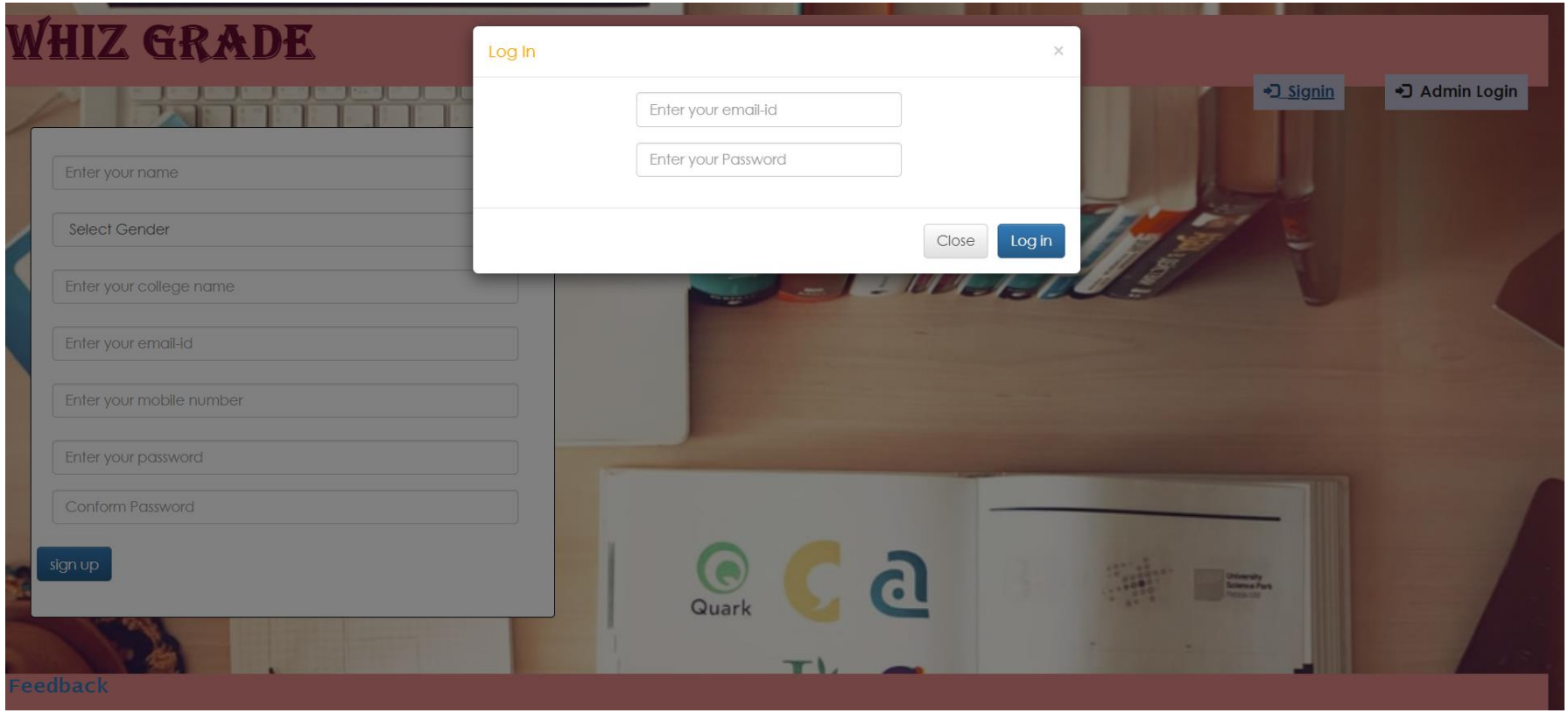
WELCOME PAGE:-



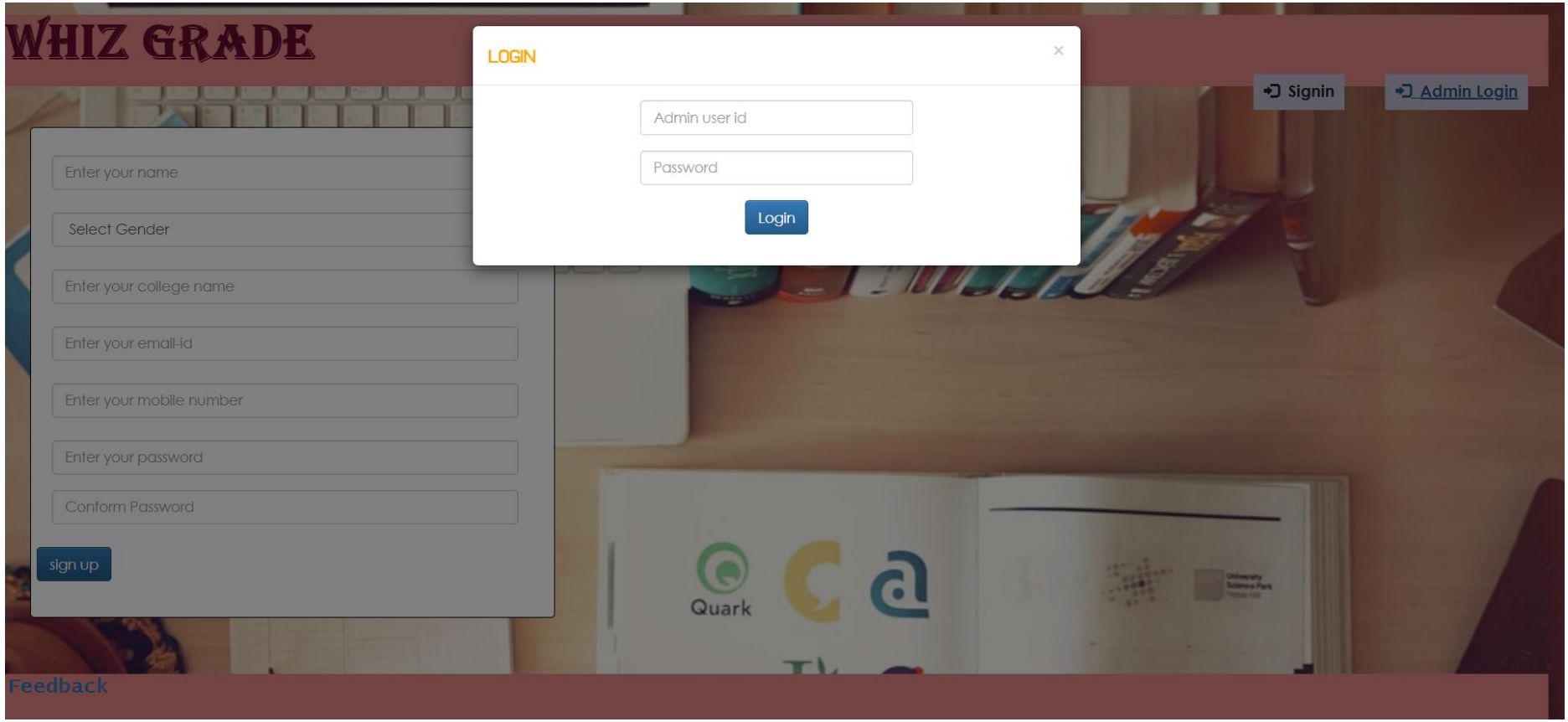
AFTER CLICKING ENTER BUTTON….



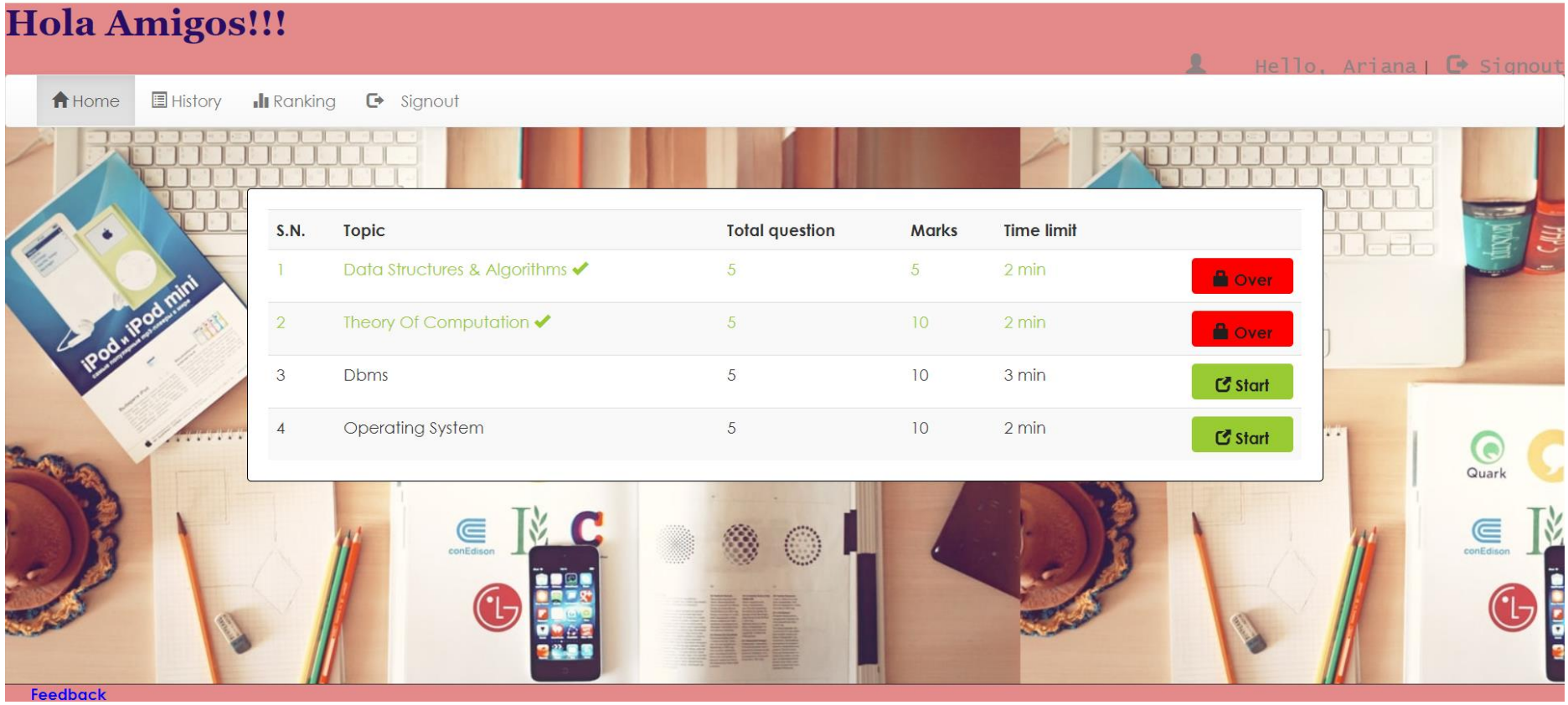
AFTER CLICKING SIGN-IN BUTTON…



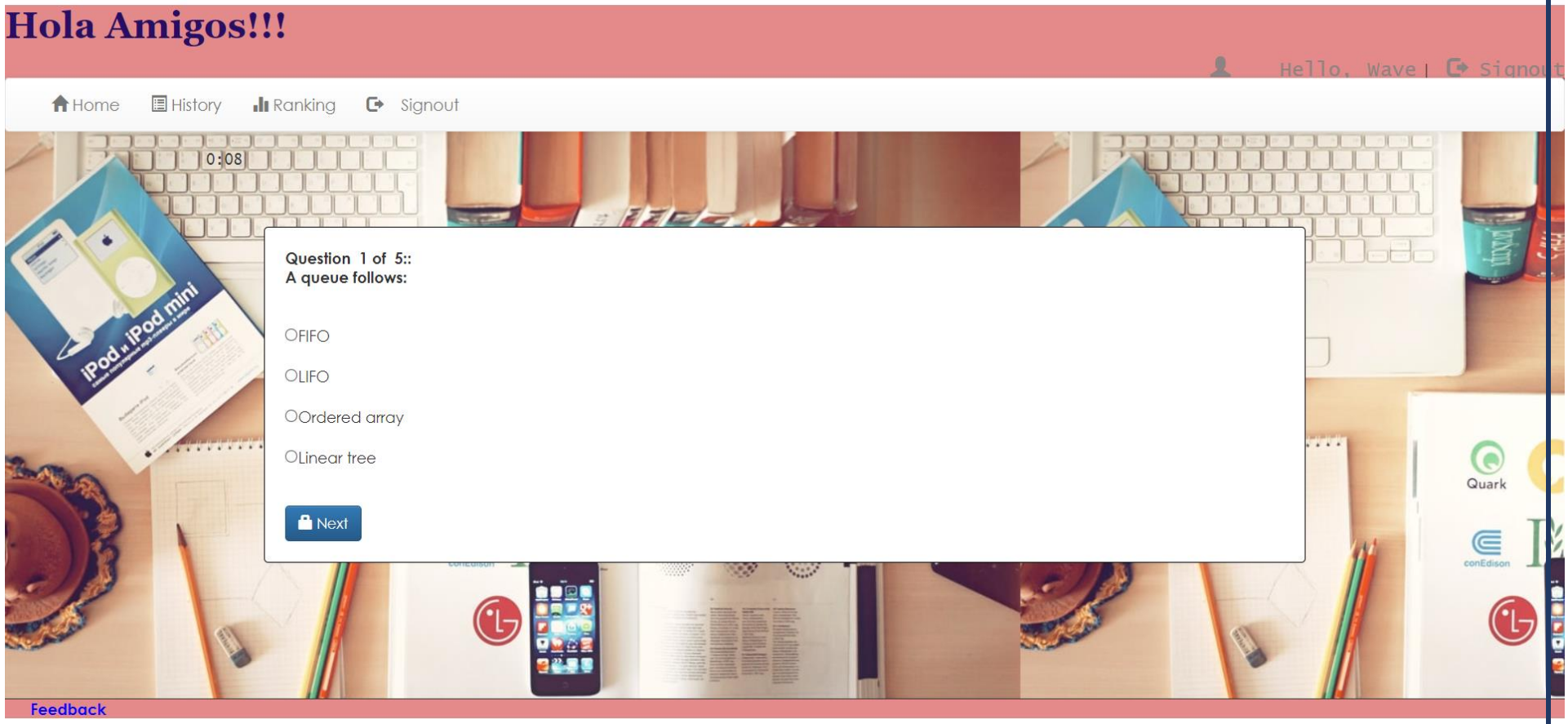
AFTER CLICKING ADMIN LOGIN BUTTON…



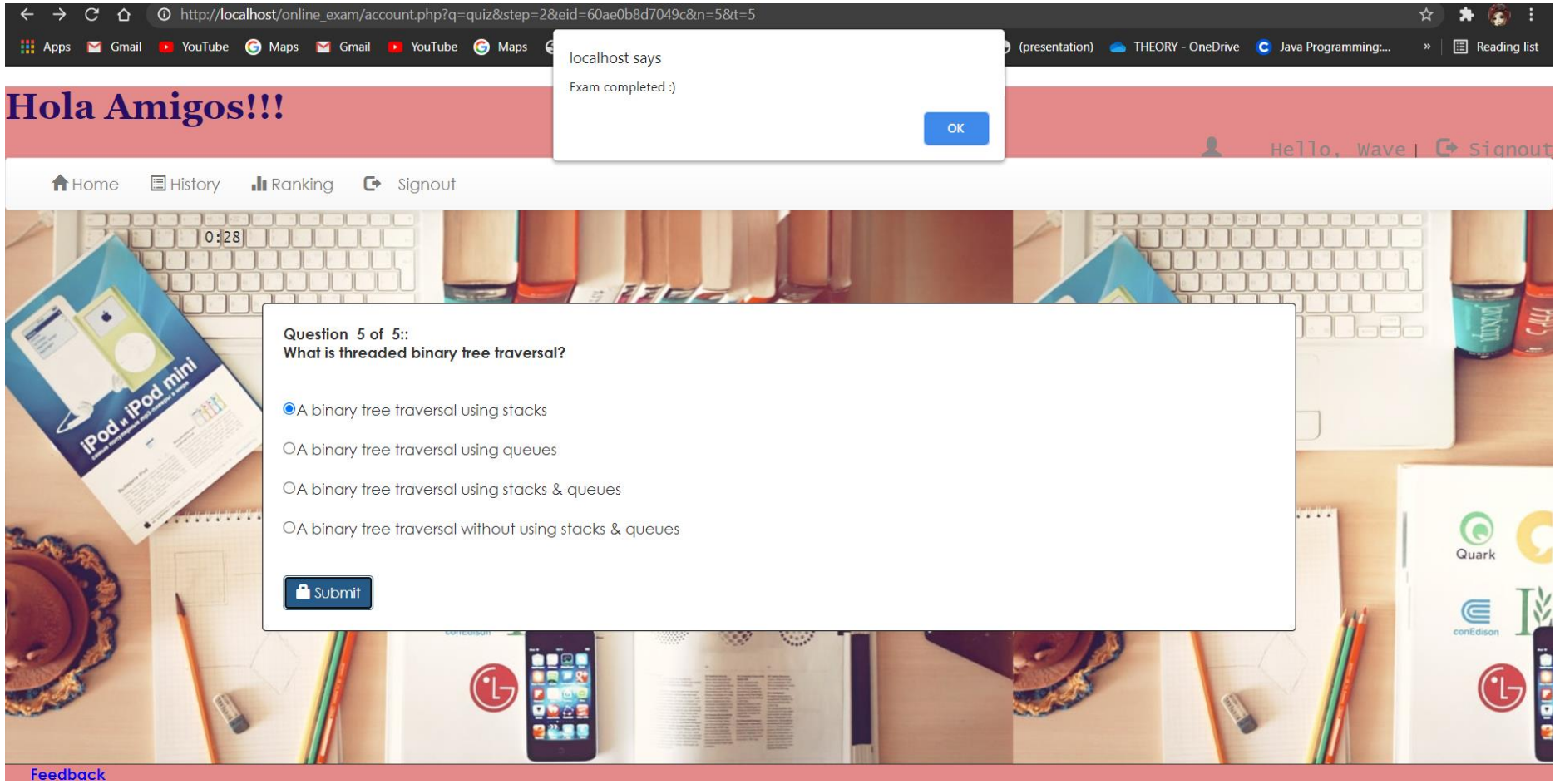
USERS - ACCOUNT PAGE:-



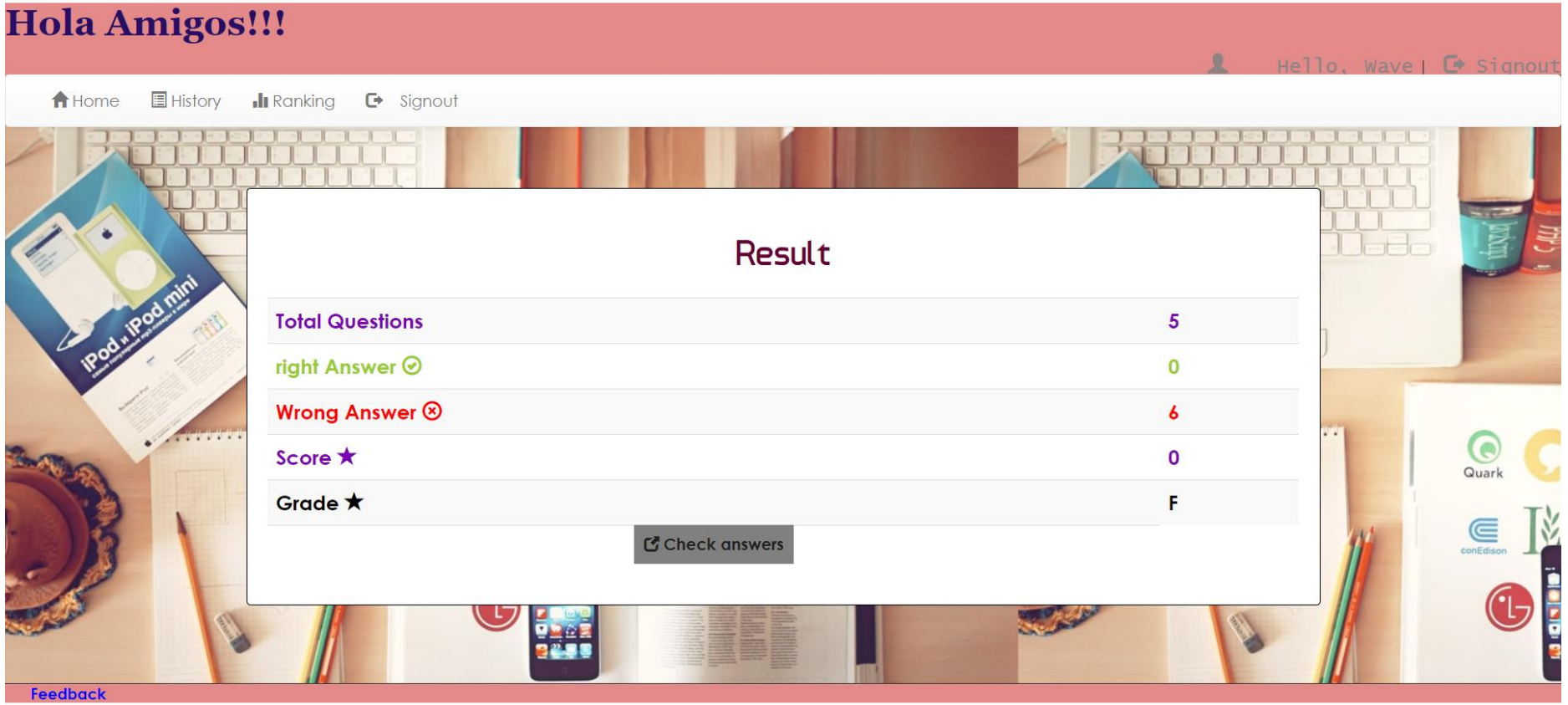
QUIZ STARTING PAGE....



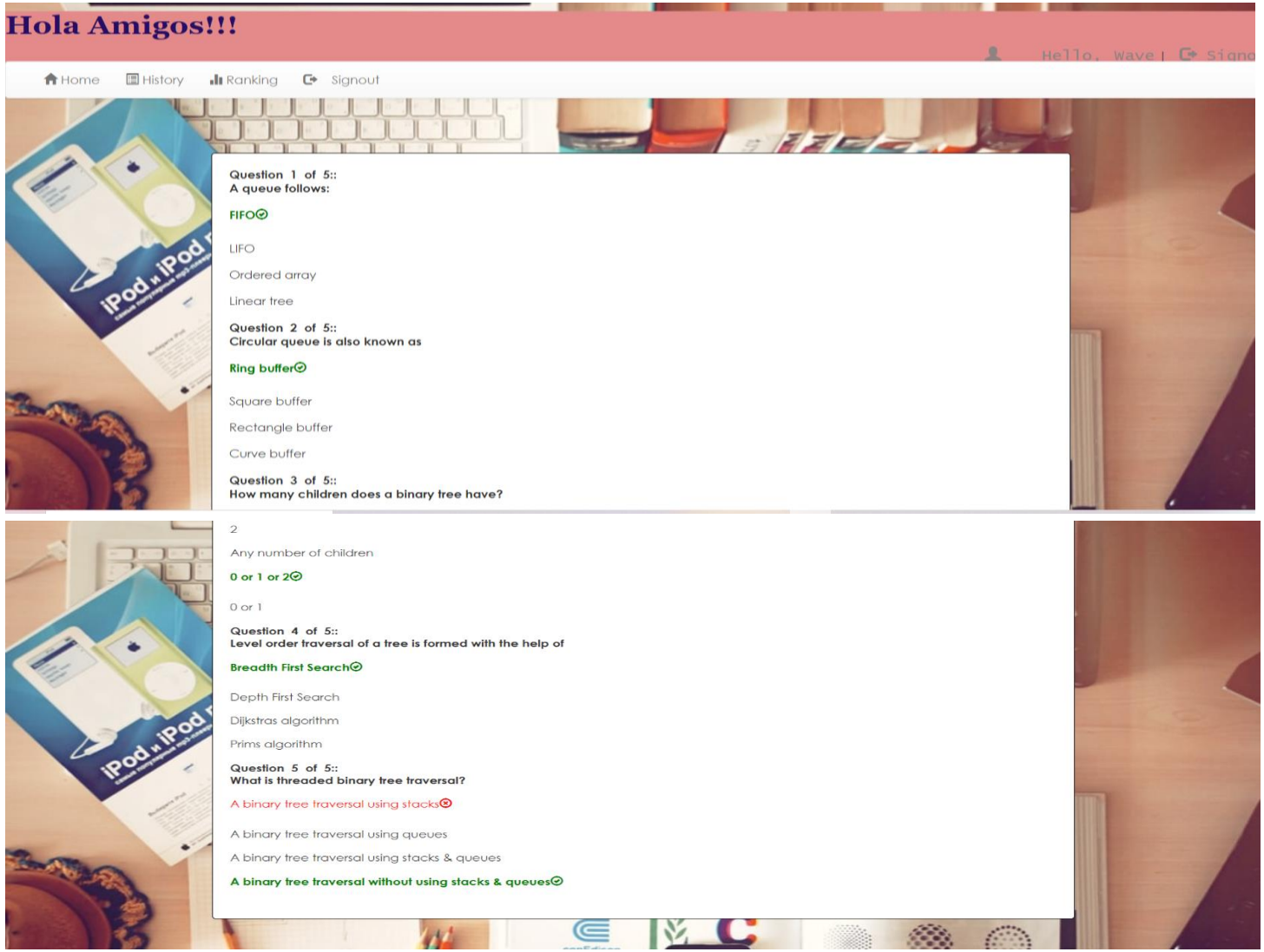
QUIZ ENDING PAGE...



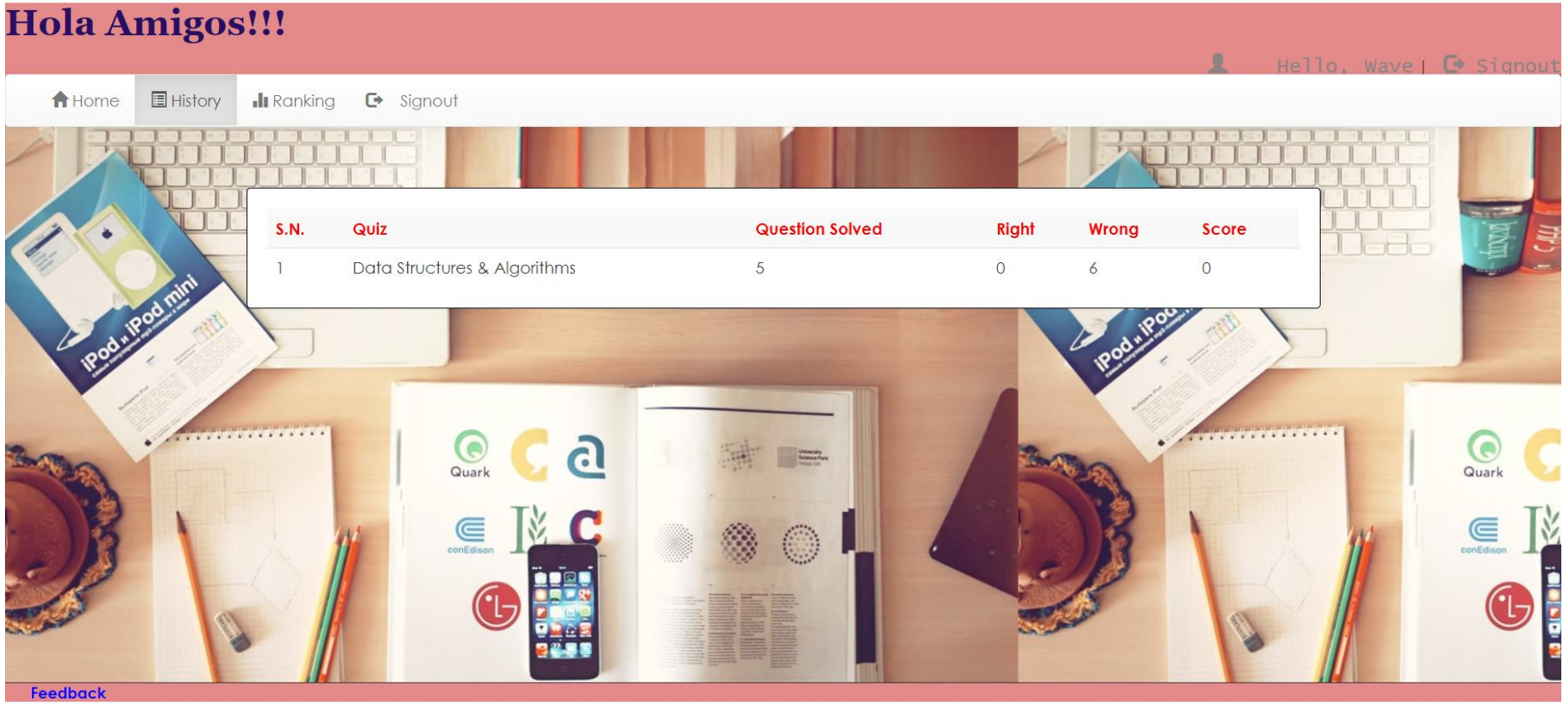
RESULT PAGE…


Hola Amigos!!!
Hello, Wave | Signout
Home
History
Ranking
Signout
Result
Total Questions 5
right Answer 0
Wrong Answer 6
Score 0
Grade F
Check answers
Feedback

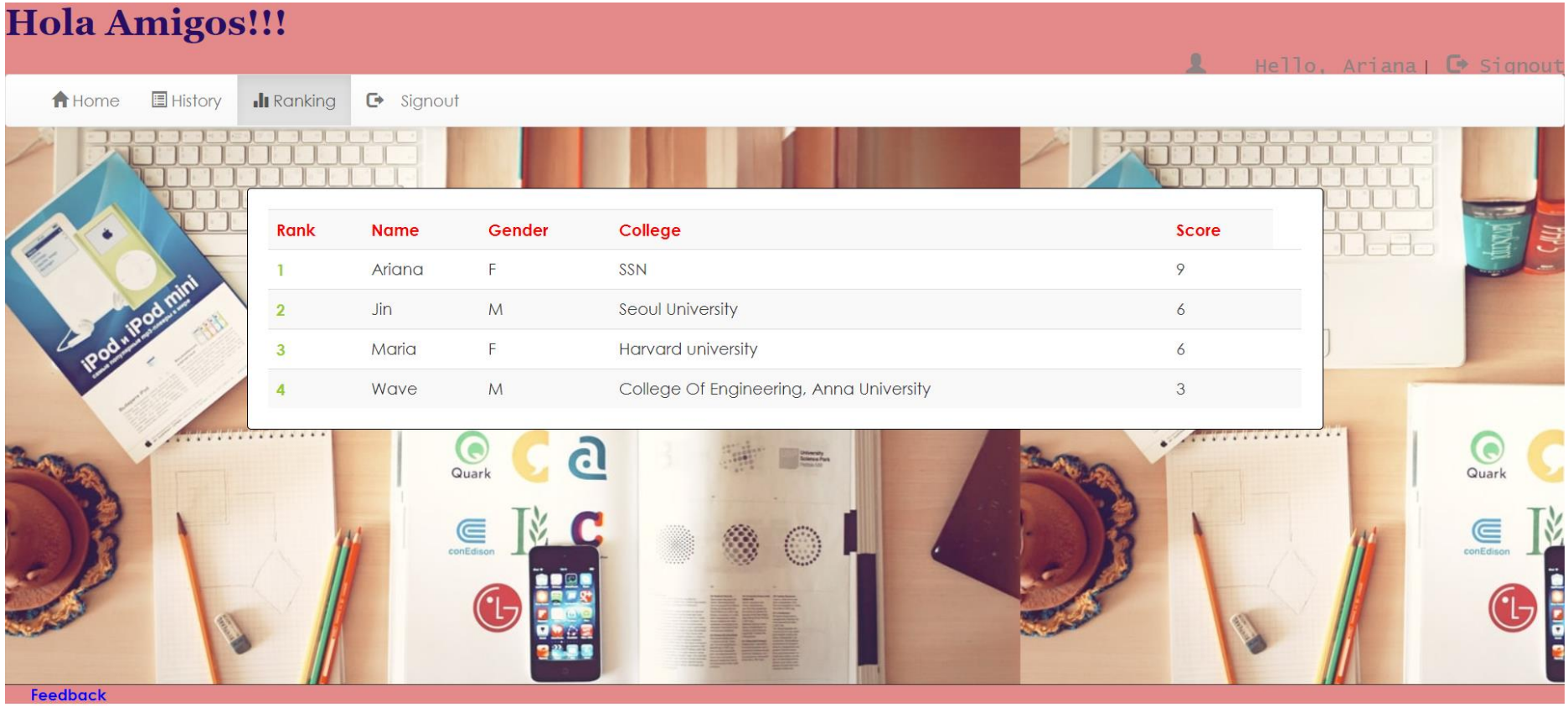
AFTER CLICKING CHECK ANSWERS BUTTON….



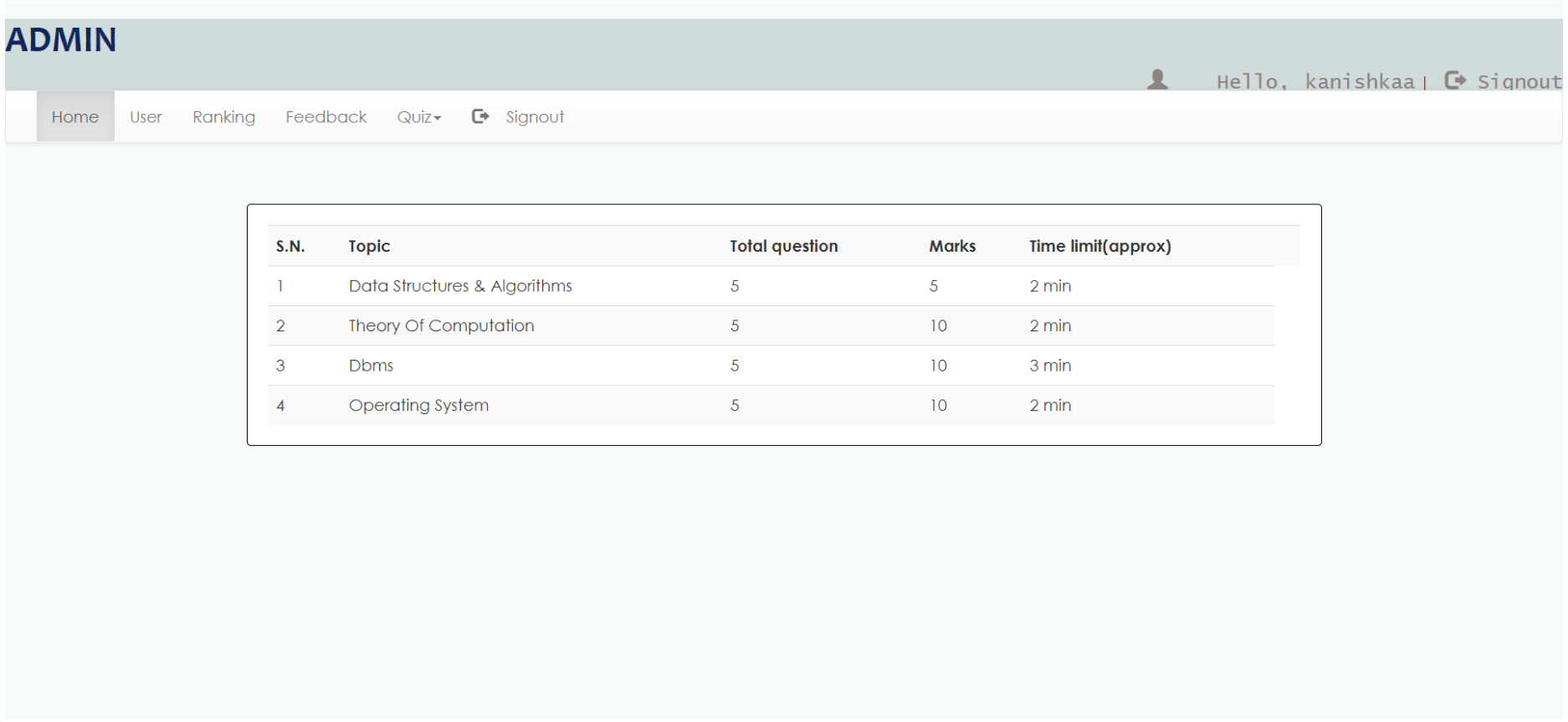
HISTORY PAGE:-

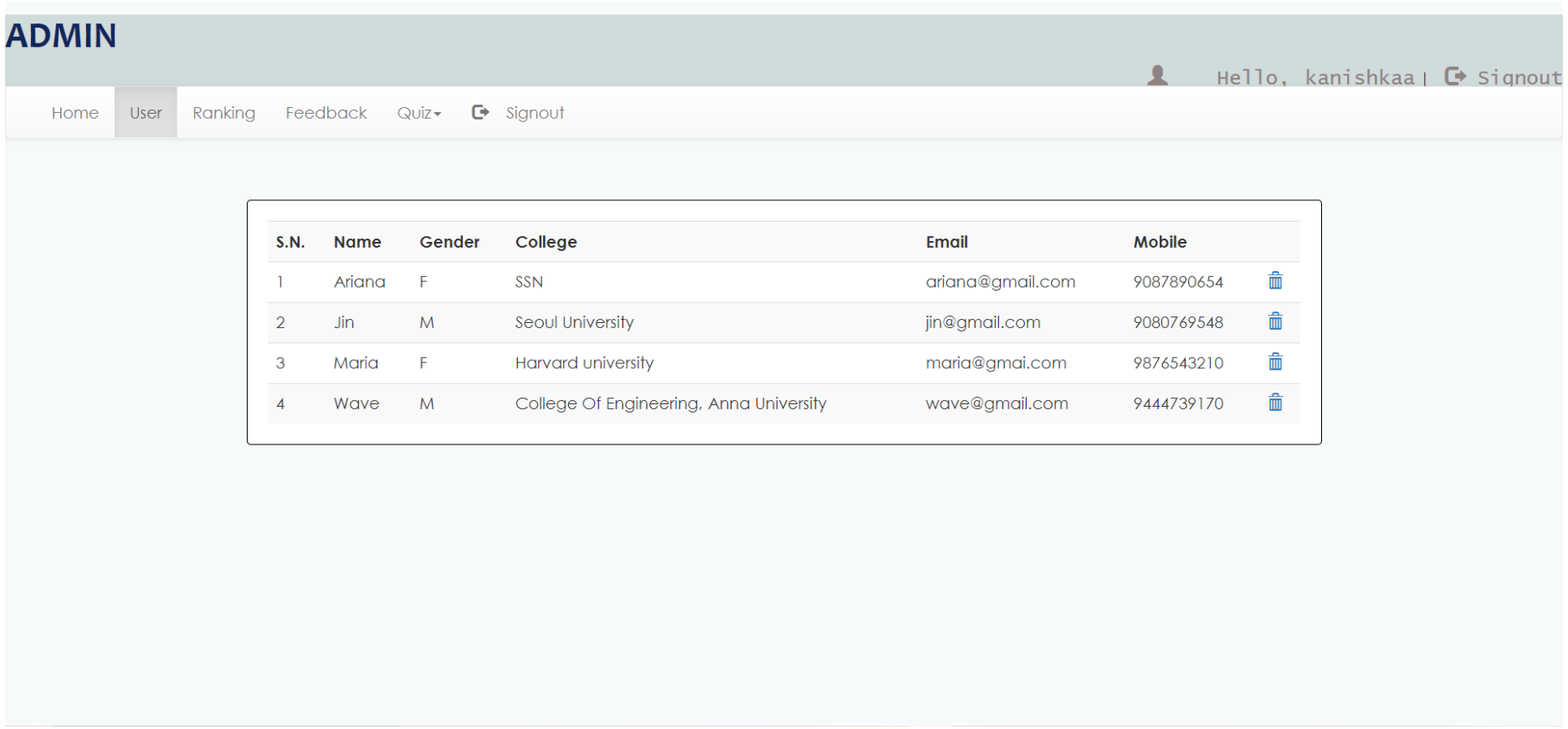


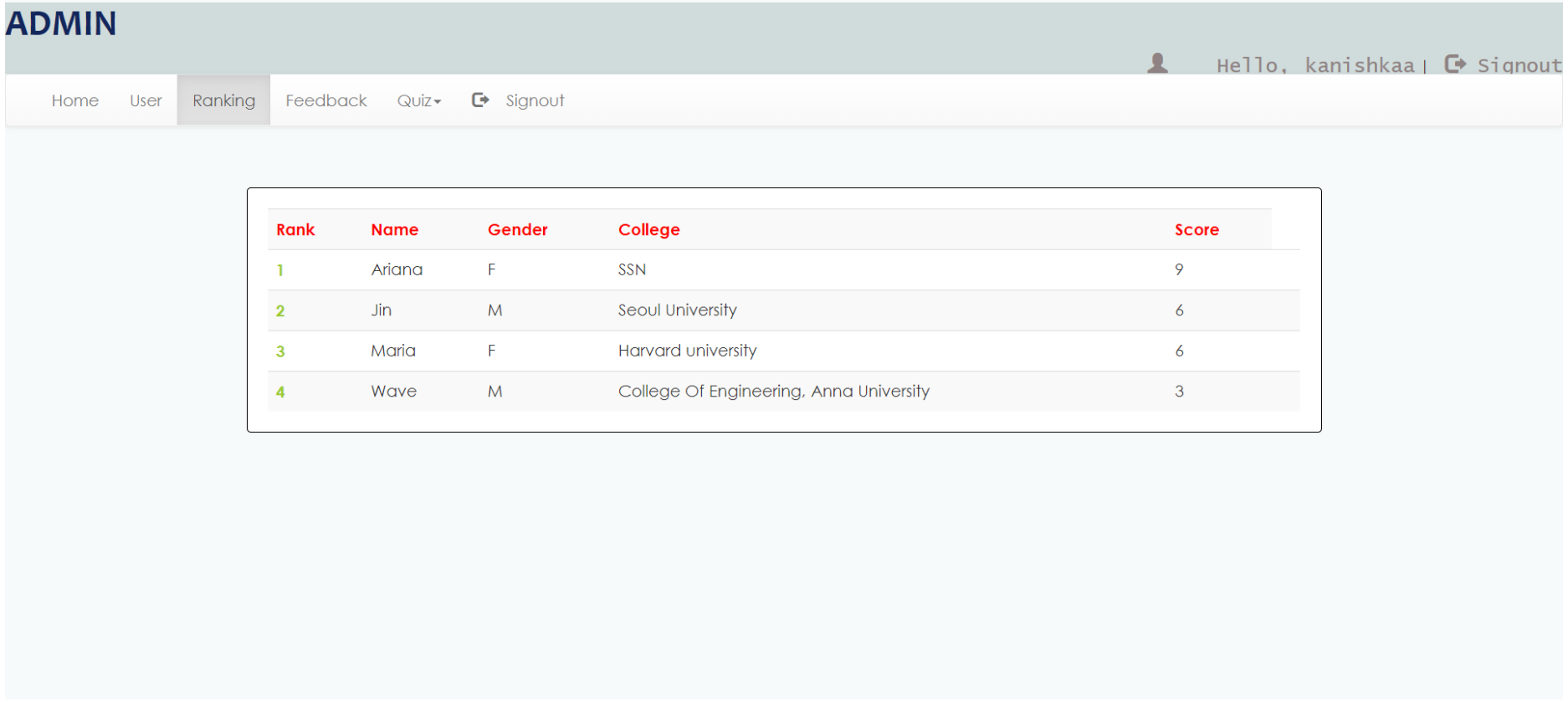
RANKING PAGE:-

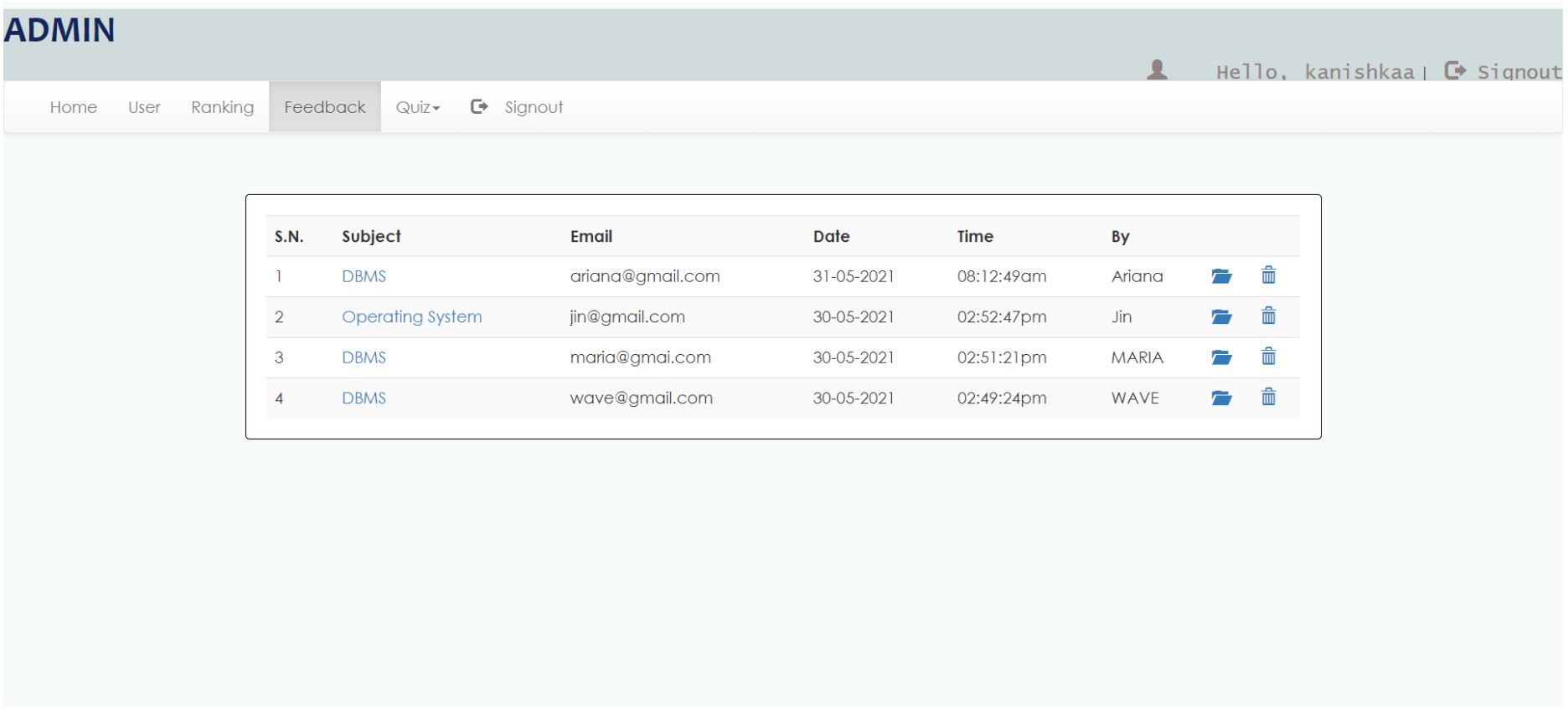


ADMIN PAGE:-

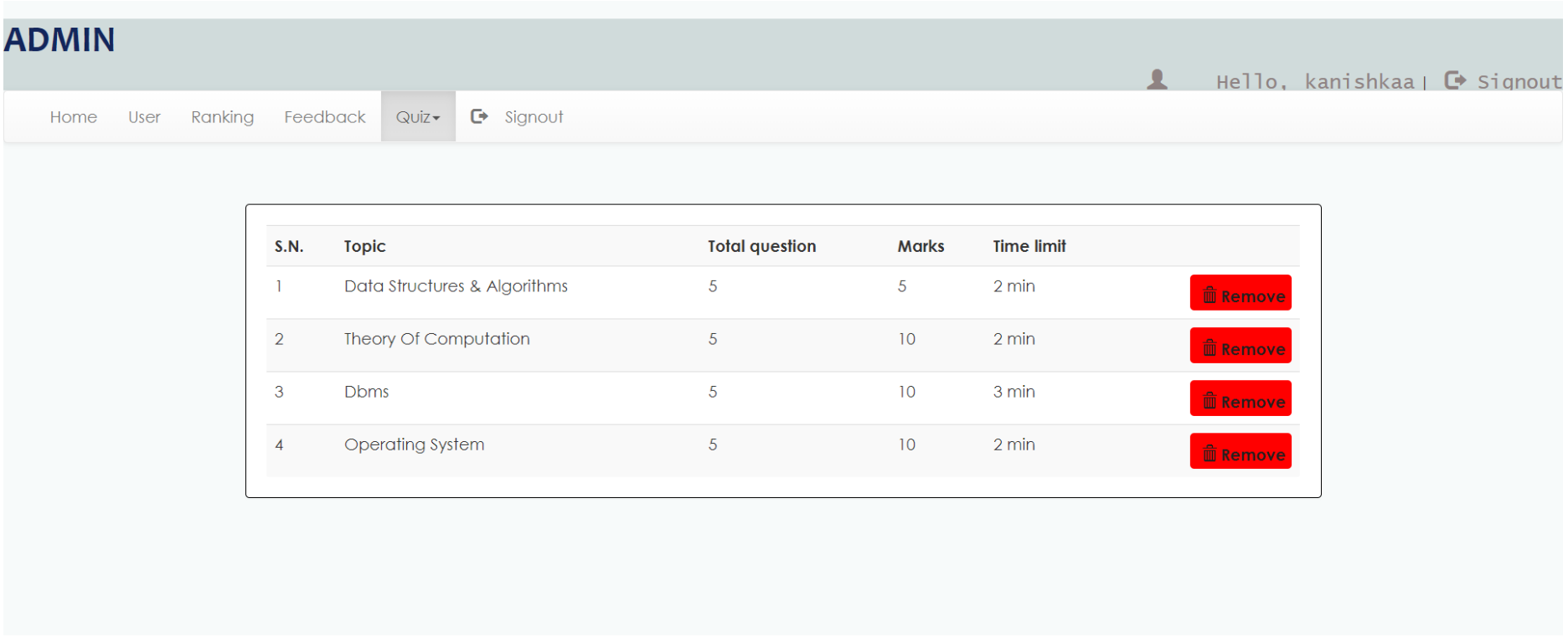

ADMIN
Hello, kanishkaa | Signout
Home
User
Ranking
Feedback
Quiz
Signout
S.N.
Topic
Total question
Marks
Time limit(approx)
1
Data Structures & Algorithms
5
5
2 min
2
Theory Of Computation
5
10
2 min
3
Dbms
5
10
3 min
4
Operating System
5
10
2 min


ADMIN
Hello, kanishkaa | Signout
Home
User
Ranking
Feedback
Quiz
Signout
S.N. Name Gender College Email Mobile
1 Ariana F SSN ariana@gmail.com 9087890654
2 Jin M Seoul University jin@gmail.com 9080769548
3 Maria F Harvard university maria@gmai.com 9876543210
4 Wave M College Of Engineering, Anna University wave@gmail.com 9444739170

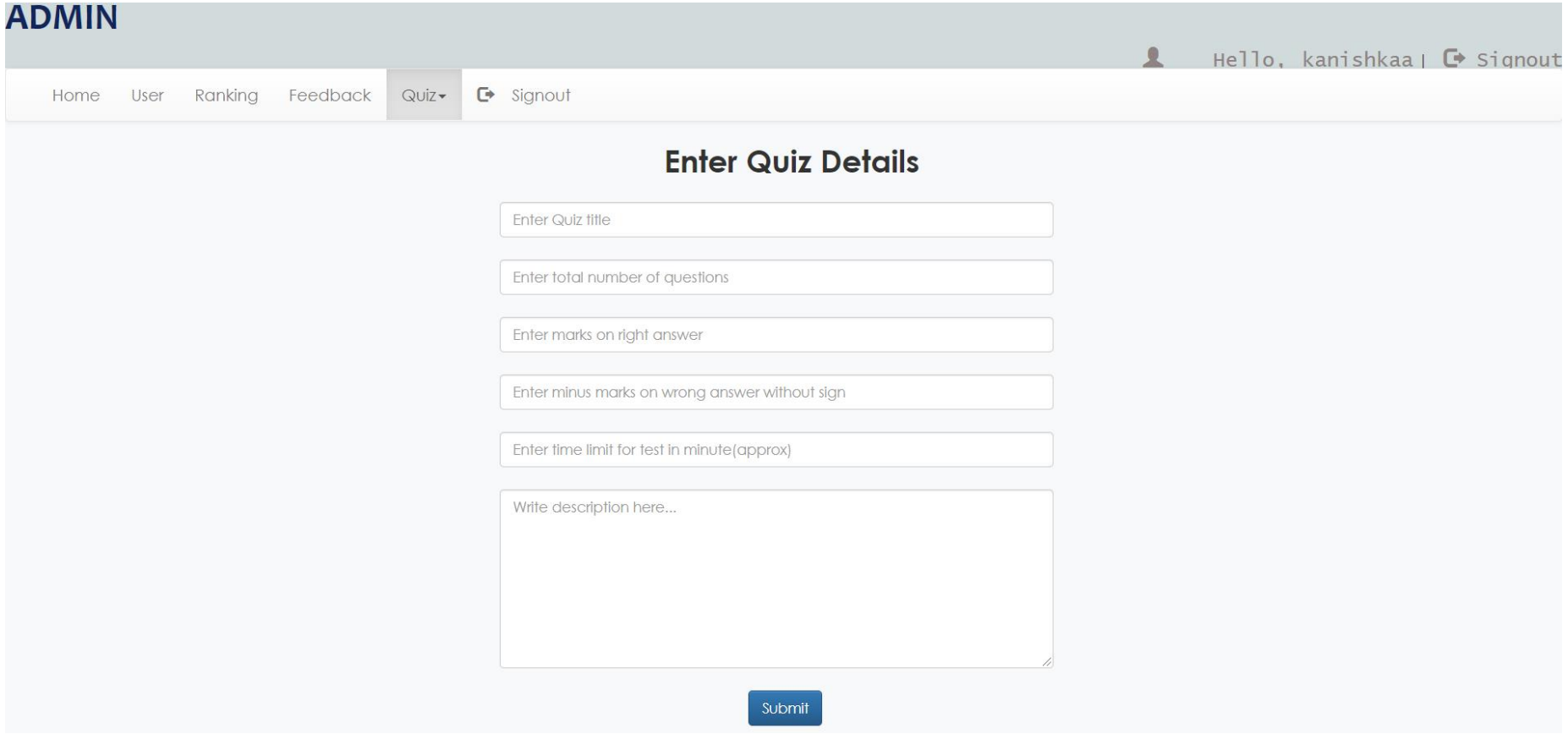

ADMIN
Hello, kanishkaa | Signout
Home
User
Ranking
Feedback
Quiz
Signout
Rank
Name
Gender
College
Score
1
Ariana
F
SSN
9
2
Jin
M
Seoul University
6
3
Maria
F
Harvard university
6
4
Wave
M
College Of Engineering, Anna University
3


ADMIN
Hello, kanishkaa | Signout
Home
User
Ranking
Feedback
Quiz
Signout
S.N.
Subject
Email
Date
Time
By
1
DBMS
ariana@gmail.com
31-05-2021
08:12:49am
Ariana
2
Operating System
jin@gmail.com
30-05-2021
02:52:47pm
Jin
3
DBMS
maria@gmai.com
30-05-2021
02:51:21pm
MARIA
4
DBMS
wave@gmail.com
30-05-2021
02:49:24pm
WAVE

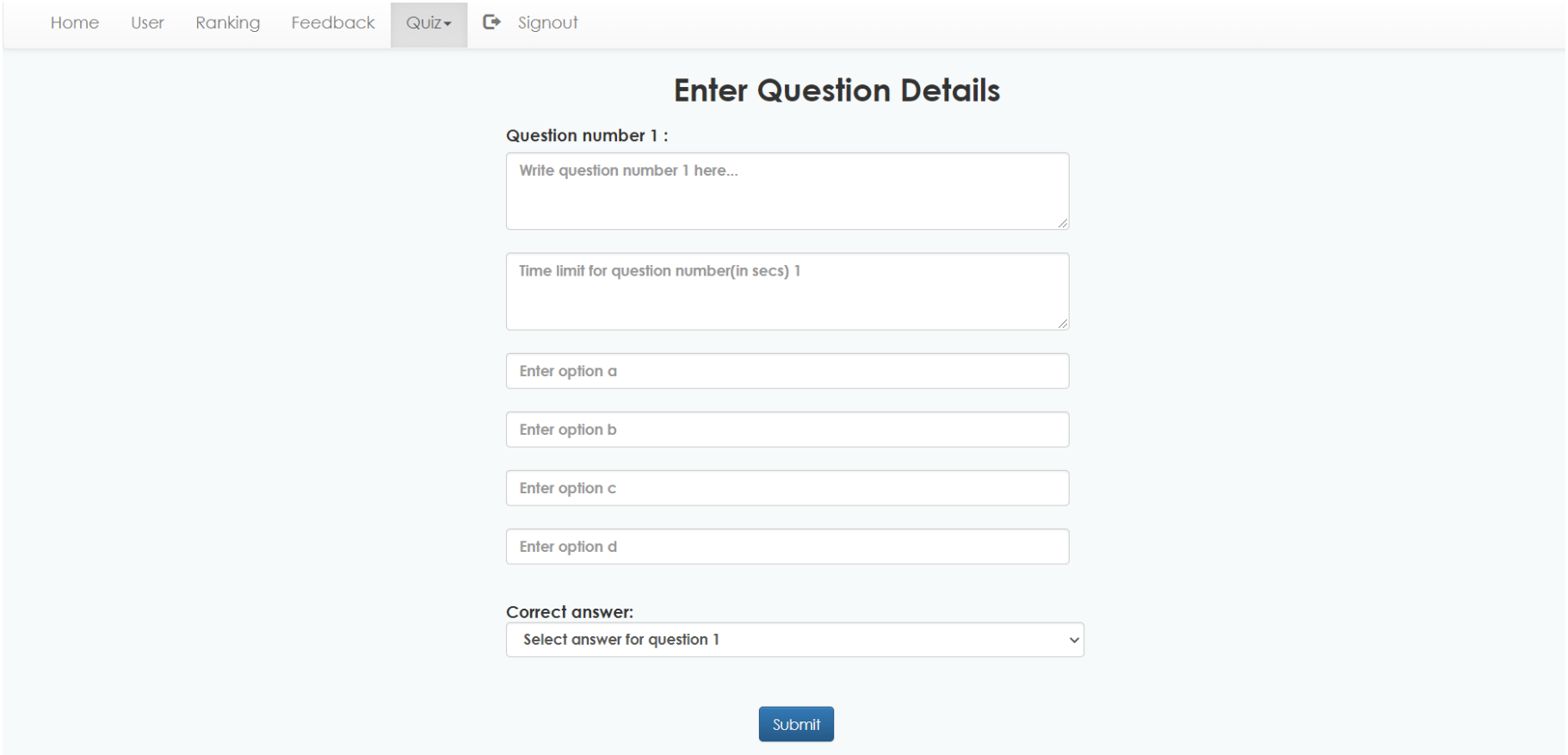
DELETE QUIZ:-


ADMIN
Hello, kanishkaa | Signout
Home
User
Ranking
Feedback
Quiz
Signout
S.N.
Topic
Total question
Marks
Time limit
1
Data Structures & Algorithms
5
5
2 min
Remove
2
Theory Of Computation
5
10
2 min
Remove
3
Dbms
5
10
3 min
Remove
4
Operating System
5
10
2 min
Remove

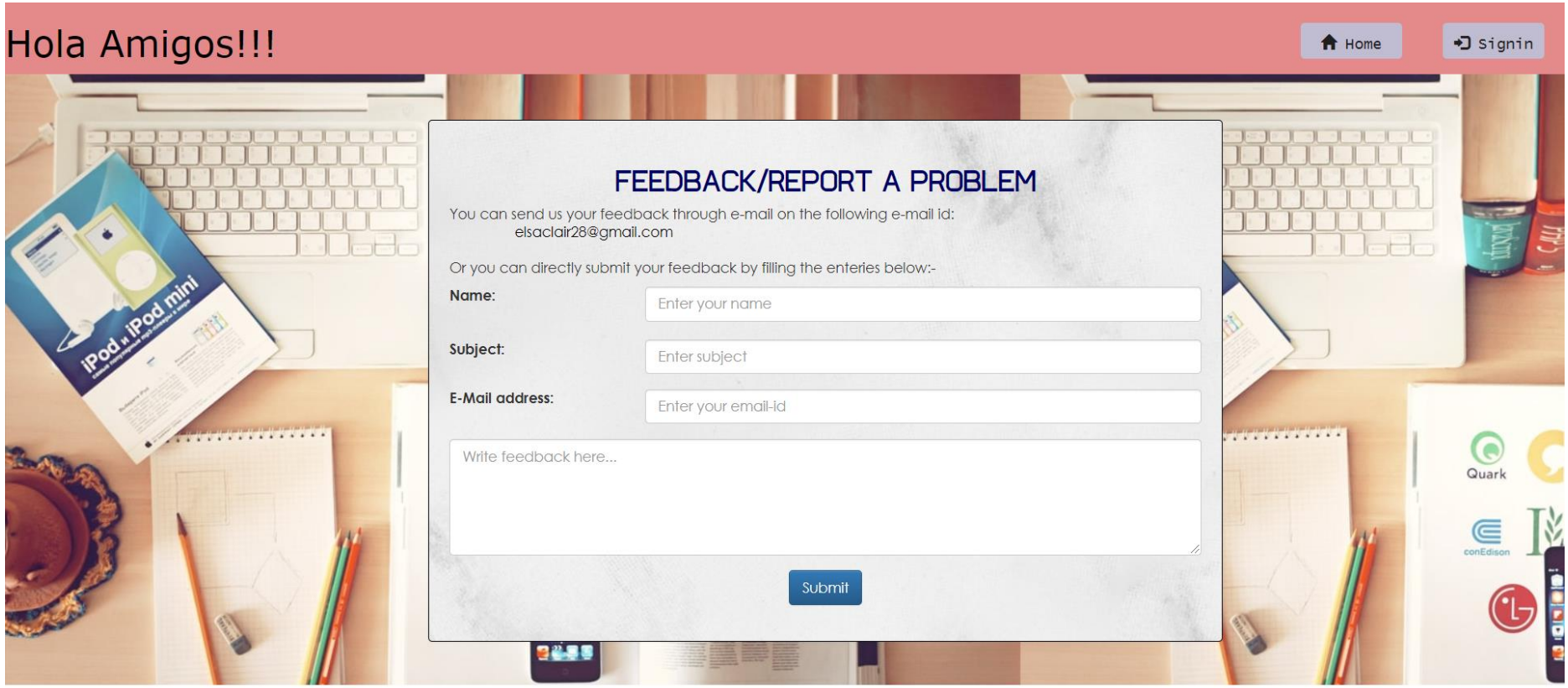
ADD QUIZ:-


ADMIN
Hello, kanishkaa | Signout
Home
User
Ranking
Feedback
Quiz
Signout
Enter Quiz Details
Enter Quiz title
Enter total number of questions
Enter marks on right answer
Enter minus marks on wrong answer without sign
Enter time limit for test in minute(approx)
Write description here...
Submit

ADDING QUESTIONS:-



FEEDBACK PAGE:-



TEAM MEMBERS CONTRIBUTION:-

ABINUS MERCY => Front – end (Web page designing)

KANISHKAA => Back-end for admin page & database creation

KAVISHREE => Back-end for user page & feedback page

CONCLUSION:-

- ONLINE EXAMINATION SYSTEM is a user friendly system, which is very easy and convenient to use.
- The system is complete in the sense that it is operational and it is tested by entering data and getting the reports in proper order.
- But there is always a scope for improvement and enhancement.
- During the development of this project , coding standards are followed for easy maintainability and extensibility.