

Kingdom of Saudi Arabia
Majmaah University
Ministry of Higher
Education
College of Science Al
Zulfi



المملكة العربية السعودية
وزارة التعليم العالي
جامعة المجمعة
كلية العلوم
قسم الحاسب الآلي

Website to Help High School Students Pass the Proficiency Test

Student Affairs System
For College of science Al Zulfi
Department of Computer Science and Information

Graduation Project

Submitted in partial fulfillment of the requirements for the
award of
Bachelor degree of the Majmaah University

(November 2018)

Submitted by:

Sara alhammadi 351205394

Under the supervision of:
D. Maria Altaib

ABSTRACT

A measurement test is defined as a choice that measures student's analytical and deductive skills. It focuses on testing the student's ability to learn in general .regardless of any specific skill in a particular topic or subject

The project aims to help students pass a measurement test by focusing primarily on understanding the test and achieving a high degree of proficiency by providing all .the requirements they need to pass the test

It also aims to help many students and their students introduce and understand the way to test questions and know them more clearly by collecting pre-test questions .and doing short tests to help understand

This project will be implemented using UML, PHP programming language and MySQL .databases to implement the system

The expected results of this project are the success of the site, the passing of a large number of students and the realization of their dream, God willing, to enter the university and the department they wish

ACKNOWLEDGMENTS

I would like to thank the all people for their participation in the survey who supported my work in this way and helped me get results of better quality. I am also grateful to our supervisor Maria Al-Taib, for providing assistance and guidance to us during the semester.

Certificate by student

This is to certify that the project titled “Website to Help High School Students Pass the Proficiency Test ” submitted by me

(Sara alhammadi,351205394) under the supervision of T. Maria Altaib for award of Bachelor degree of the Majmaah University carried out during the Semester 1, 2018-19 embodies my original work.

Signature in full: -----

Name in block letters:

Student ID: 351205394

Date:

Table of Contents

ABSTRACT	li
ACKNOWLEDGMENTS	lii
Certificate by student	lv
List of Figures	Vii
List of table	Viii
Chapter 1: Introduction	1
Overview	2
Problem definition	2
Goals	2
Objectives	2
Critical success factors	3
Organization chart and responsibilities	3
Literature review	3
Platform Non	4
Education.co	4
Chapter 2: System analysis	5
Introduction	7
Objectives	7
Description of Data Flow Diagram (DFD)	8
Elements of Data Flow Diagrams	8
Context diagram	8
Overview diagram(level 0)	9
Entity Relationship Diagram	9
Uses of entity relationship diagram	10

Description of entities	10
Drawing ERD	11
Use case diagrams	12
Use case diagram for admin	12
Use case diagram for student	13
Sequence diagram	14
Class diagram	15
Activity diagram	16
Chapter 3: System design	17
Description of procedures and function	18
Log in	18
Relation Database Schema	19
Hardware and software requirement	20
Chapter 4: Implementation and Testing	21
Introduction	22
Procedures	22
Reports	23
Layouts	24
Report Layouts	24
Chapter 5: Conclusions and Future Work	30
Conclusion	31
Future Work	31
References	32

List of Figures

Figures	Page
Figure 1.1 Organization chart and responsibilities.....	3
Figure 1.2 Platform Non.....	4
Figure 1.3 Education.com.....	4
Figure 2.1 Context diagram.....	8
Figure 2.2 Zero Level DFD	9
Figure 2.3 ER diagram	11
Figure 2.4 Use case diagram for admin.....	12
Figure 2.6 Use case diagram for student.....	13
Figure 2.7 Sequence diagram	14
Figure 2.8 Class diagram	15
Figure 2.9 Activity diagram	16
4.4 layout	24
4.5report layout	26

List of Tables

Table 1.1 Literature review.....	5
Table 1.2 Other user.....	19
Table 1.3 Result of test.....	19
Table 1.4 Test.....	19

Chapter one

Introduction

Chapter 1: Introduction

1.1 Overview:

Today the Internet is the most powerful tool in the world. The Internet is a collection of various services and resources. However, like every single innovation in science and technology, Internet has its own advantages and disadvantages. Internet has played an important part in our daily life, and in fact, it brings us lots of advantages, and the first I want to mention is communication. The foremost target of Internet has always been the communication Technology is the technical means people use to improve their surroundings. It is also knowledge of using tools and machines to do tasks efficiently. We use technology to control the world in which we live. Technology is people using knowledge, tools, and systems to make their lives easier and better. Test Measurement This test measures the student's analytical and deductive skills. It focuses on testing the student's ability to learn in general regardless of any specific skill in a particular subject or topic.

1.2 Problem definition:

1. Students do not understand the questions test measurement.
2. The measurement exam is generally difficult
3. The student was not able to determine sufficient amount of information about the questions required in the measurement exam, which leads to students failing to pass

1.2.1 Goals:

Facilitate and simplify the possibility of passing so that the Saudi student can choose the university in which he wishes to register.

1.2.2 Objectives:

1. Ability to understand readability.
2. The ability to recognize logical relationships.
3. The ability to resolve issues based on the basic mathematical concepts.

4. The ability to conclude. 5. Ability to measure

1.2.3 Critical success factors:

Mobile website works and puts all that is important for testing and ease of use and a reference to benefit many students to help the success of the project.

1.3 Organization chart and responsibilities:

An organizational chart is a diagram that outlines the internal structure of a company. An organizational chart is the most common visual depiction of how an organization is structured. [1]

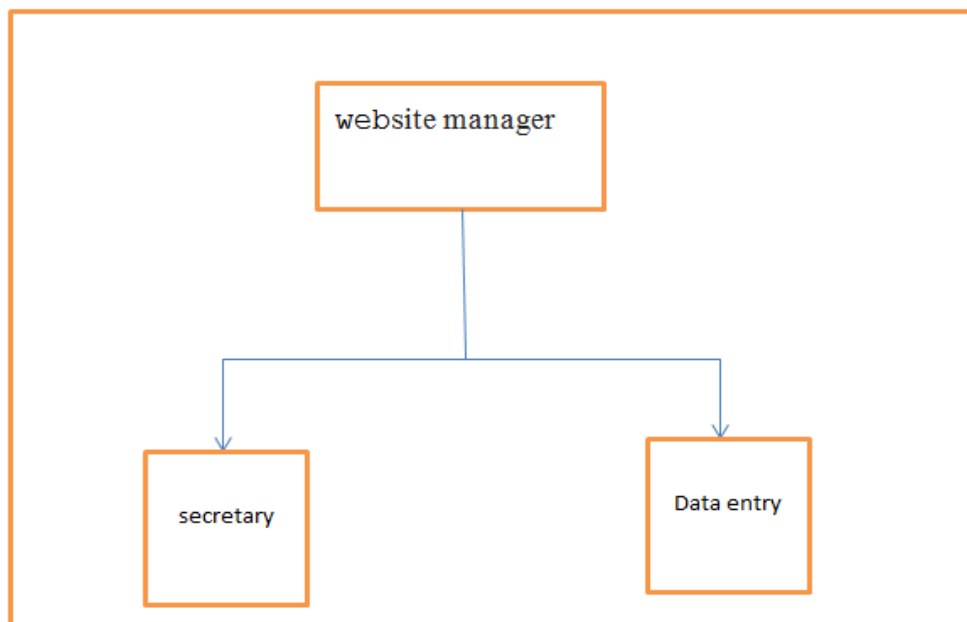


Figure (1.1) organization chart and responsibilities

1.4 Literature review:

1.4.1 Platform Non:

NON platform has been launched to provide its services in the training of capacity testing and achievement measurement in a new and innovative manner. [2]

The Nun platform demonstrates that it seeks to innovate and harness the latest technologies and the most intelligent practices to build effective and exciting learning experiences through artificial intelligence, interactive videos, interactive sketches, direct commentary, and the layout of electronic games in a robust educational system.

Through modern education techniques, NON platform is the first smart, social, and fun platform to help students pass the competency test offered by the National Measurement Center in Saudi Arabia.

The Nun platform confirmed that it had helped and contributed, thank God, to training more than 750,000 students to pass measurement tests so far.



Figure (1.2) Platform Non

1.4.2 Education.com:

The concept of "Education.com" is a pioneering idea in the Arab world, aiming to pave the way for an interactive, interactive and interactive electronic learning environment in all areas of education for everyone, so that the user of the Arab Internet wherever he can find what he is looking for easily, Seeks to use education as a means to profitability online.[3]

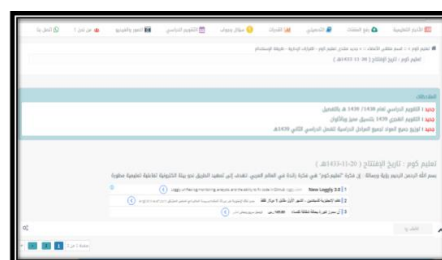


Figure (1.3) Education.com

Comparative face	Our system	Education.com	Platform NON
Interfaces in Arabic and English	Arabic language and English	Arabic language only	Arabic language only
Ease of use	√	√	X
Review previous tests	√	X	√
Link the site with social networking accounts	√	X	X
Short test	√	X	√
Get results	√	X	√
free entry	√	√	X
Provide a question bank	√	√	√

Table 1.1(Literature Review)

Chapter two

System Analysis

Chapter 2: System Analysis.

2.1Introduction:

The fundamental four-phase model (planning, analysis, design, and implementation) is common to all information systems development projects.⁴

It describes the evolution of system development methodologies and discusses the roles and skills required of a systems analyst. This chapter shows the basic characteristics of objectoriented systems and the fundamentals of object-oriented systems analysis and design and closes with a description of the Unified Process and its extensions and the Unified Modeling Language.

2.1.1 Objectives:

- Understand the fundamental systems development life cycle and its four phases
- Understand the evolution of systems development methodologies
- Be familiar with the different roles played by and the skills of a systems analyst
- Be familiar with the basic characteristics of object-oriented systems
- Be familiar with the fundamental principles of object-oriented systems analysis and design
- Be familiar with the Unified Process, its extensions, and the Unified Modeling Language.

2.2 Description of Data Flow Diagram (DFD)

Systems analysts use many graphical techniques to describe an information system. One popular method is to draw a set of data flow diagrams.⁵ A data flow diagram (DFD) uses various symbols to show how the system transforms input data into useful information. Other graphical tools include object models, which are (Object Modeling), and entity-relationship diagrams. DFDs use four basic symbols that represent processes, data flows, data stores, and entities. Several different versions of DFD symbols exist, but they all serve the same purpose.

2.2.1 Elements of Data Flow Diagrams:

Process is an activity or a function that is performed for some specific business reason.

Data Flow is a single piece of data.

Data Store A data store is a collection of data that is stored in some way (which is determined later when creating the physical model).

External Entity An external entity is a person, organization, organization unit, or system that is external to the system, but interacts with it (e.g., customer, clearing- house, government organization, accounting system).

2.2.2 Context diagram

A system context diagram (SCD) in engineering is a diagram that defines the boundary between the system, or part of a system, and its environment, showing the entities that interact with it.[2] This diagram is a high level view of a system. It is similar to a block

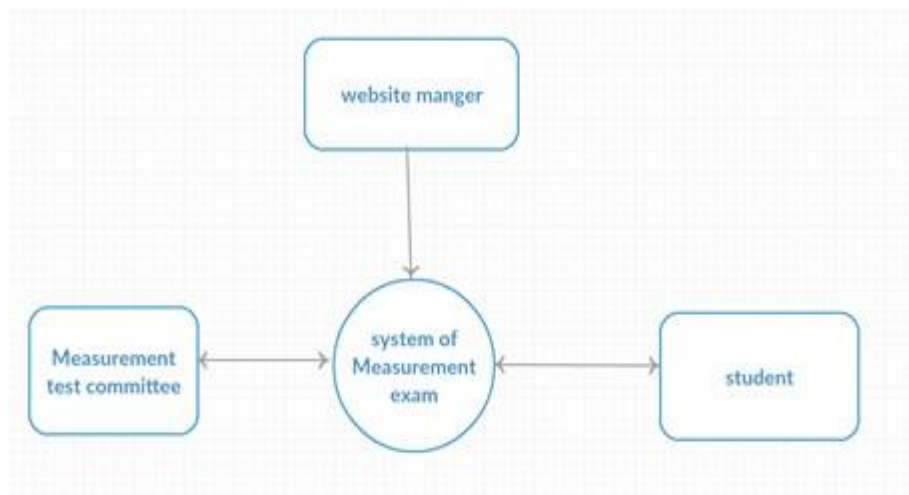


Figure Context diagram (2.1)

2.2.3 Overview diagram (level 0)

In the same way that the context diagram deliberately hides som of the system’s complexity, so, too, does the level 0 DFD.

The level 0 DFD shows only how the major high-level processes in the system interact. Each process on the level 0 DFD can be decomposed into a more explicit DFD, called a level 1 diagram or level 1 DFD.⁷

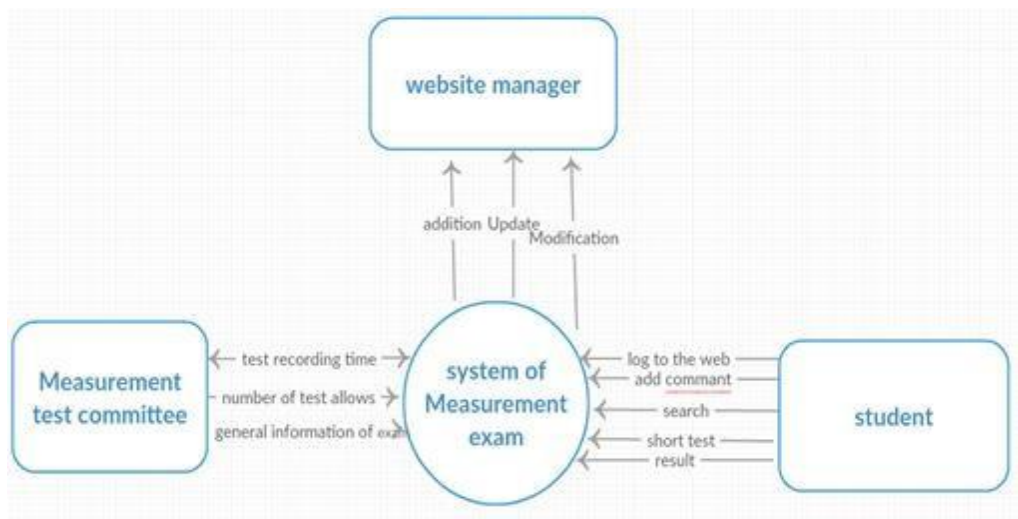


Figure (2.2) Zero Level DFD

2.3 Entity Relationship Diagram (ERD)

An Entity Relationship (ER) Diagram is a type of flowchart that illustrates how “entities” such as people, objects or concepts relate to each other within a system.⁸

ER Diagrams are most often used to design or debug relational databases in the fields of software engineering, business information systems, education and research. Also known as ERDs or ER Models, they use a defined set of symbols such as rectangles, diamonds, ovals and connecting lines to depict the interconnectedness of entities, relationships and their attributes. They mirror grammatical structure, with entities as nouns and relationships as verbs.

2.3.1 Uses of entity relationship diagrams

ER diagrams are used to model and design relational databases, in terms of logic and business rules (in a logical data model) and in terms of the specific technology to be implemented (in a physical data model.) In software engineering, an ER diagram is often an initial step in determining requirements for an information systems project. It's also later used to model a particular database or databases. A relational database has an equivalent relational table and can potentially be expressed that way as needed.

Database troubleshooting: ER diagrams are used to analyze existing databases to find and resolve problems in logic or deployment.

2.3.2 Description of entities

A definable thing such as a person, object, concept or event that can have data stored about it. Think of entities as nouns. Examples: a customer, student, car or product.
.Typically it is shown as a rectangle

Entity type: A group of definable things, such as students or athletes, whereas the entity would be the specific student or athlete. Other examples: customers, cars or products

Entity set: Same as an entity type, but defined at a particular point in time, such as students enrolled in a class on the first day. Other examples: Customers who purchased last month, cars currently registered in Florida. A related term is instance, in which the specific person or car would be an instance of the entity set

Entity categories: Entities are categorized as strong, weak or associative. A strong entity can be defined solely by its own attributes, while a weak entity cannot. An associative entity associates entities (or elements) within an entity set

Entity keys: Refers to an attribute that uniquely defines an entity in an entity set

2.3.3 Description of relations

Relation is sometimes used to refer to a table in a relational database but is more commonly used to describe the relationships that can be created between those tables in a relational database.

In relational databases, a relationship exists between two tables when one of them has a foreign key that references the primary key of the other table. This single fact allows relational databases to split and store data in different tables, yet still link the disparate data items together. It is one of the features that make relational databases such powerful and efficient stores of information.

The ability to define relationships is so fundamental and so important that this is what differentiates relational databases from other types of databases, such as flat-file databases. Relation, therefore, is the defining feature of relational databases. Relation may also be known as relationship.

2.3.4 Drawing ERD

Human Resource Management System entities and their attributes:

student: Attributes of student are student_id, student_number, student_name, student_email, student_username, student_password, student_phone.

User: Attributes of user are user_id, user_number, user_name, user_email, user_phone.

Test: Attributes of test are test_id, test_name, test_number, test_date, test_duration of test. Result of test: Attributes of result of test are id, result number, test data, result.

Bank of questions: Attributes of Bank of questions are bankid, text of the questions, the answer, note.

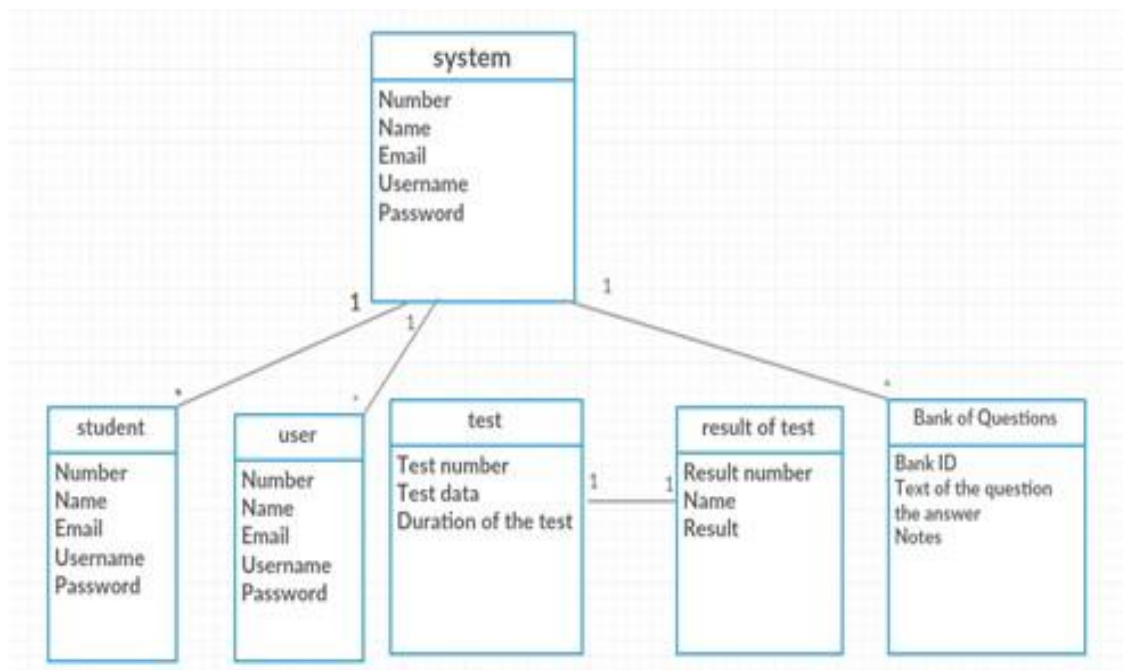


Figure (2.3) ER diagram

2.4 Use case Diagrams:

use cases are used to explain and document the interaction that is required between the user and the system to accomplish the user's task. Use cases are created to help the development team understand more fully the steps that are involved in accomplishing the user's goals. Once created, use cases often can be used to derive more detailed functional requirements for the new system.⁹

2.4.1 Use case for admin

As shown in figure (2.5) use case diagram (admin) has all the authority to add , delete , ,update and view.

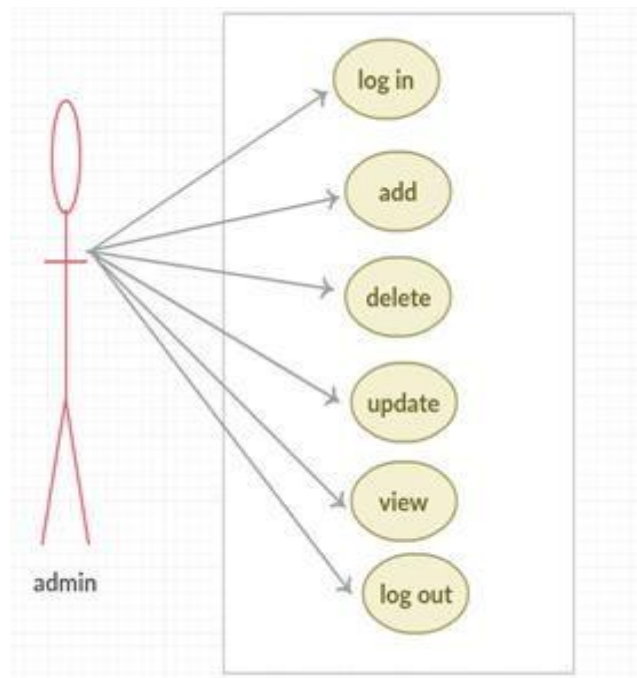


Figure (2.4) Use case diagram for Admin

2.4.2 Use case for student

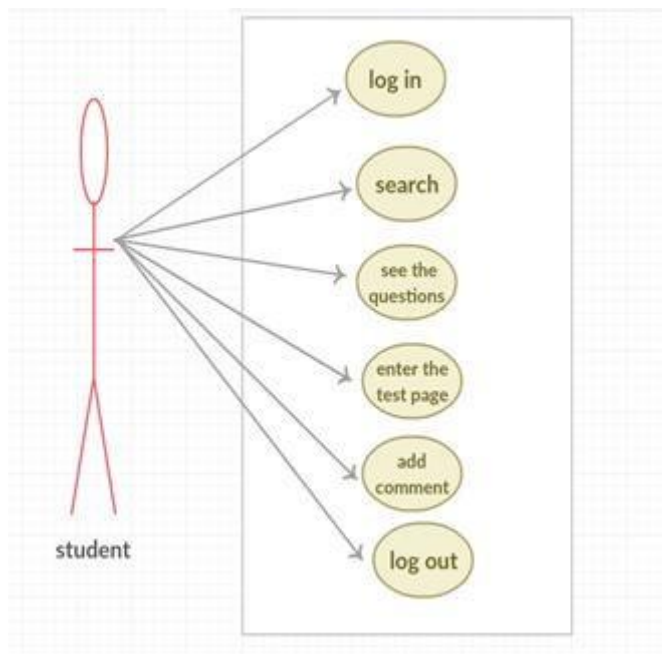


Figure (2.4) Use case diagram for student

2.5 Sequence diagram

A sequence diagram shows object interactions arranged in time sequence. It depicts the objects and classes involved in the scenario and the sequence of messages exchanged between the objects needed to carry out the functionality of the scenario.¹⁰ Sequence diagrams are typically associated with use case realizations in the Logical View of the system under development. Sequence diagrams are sometimes called event diagrams or event scenarios

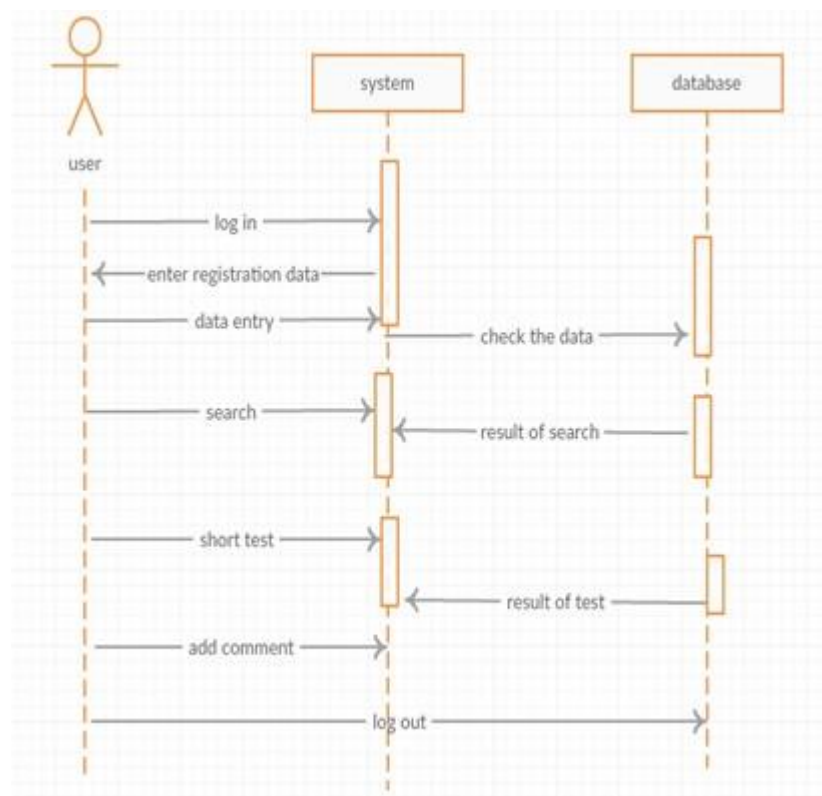


Figure (2.7) Sequence diagram

2.6 Class diagram:

The class diagram is a static model that supports the static view of the evolving system. [1]11It shows the classes and the relationships among the classes that remain constant in the system.

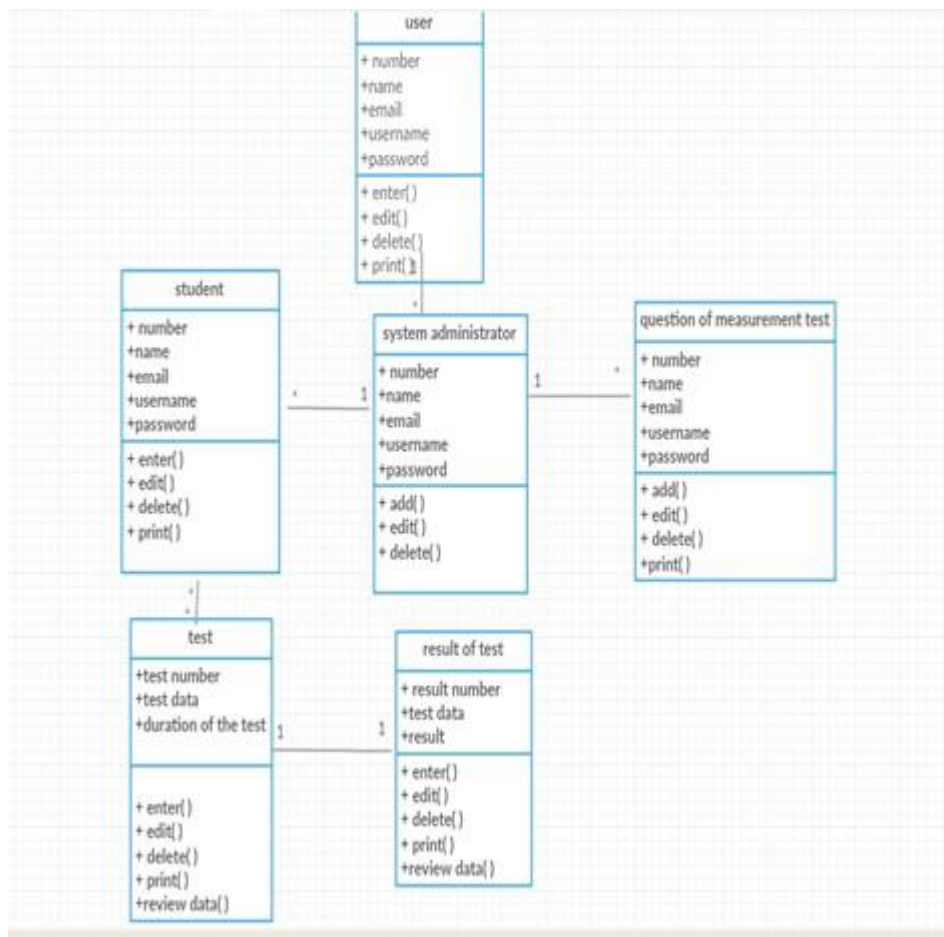


Figure (2.8) Class diagram

2.7 Activity diagram:

In Unified Modeling Language (UML), an activity diagram is a graphical representation of an executed set of procedural system activities and considered a state chart diagram variation. Activity diagrams describe parallel and conditional activities, use cases and system functions at a detailed level.¹²

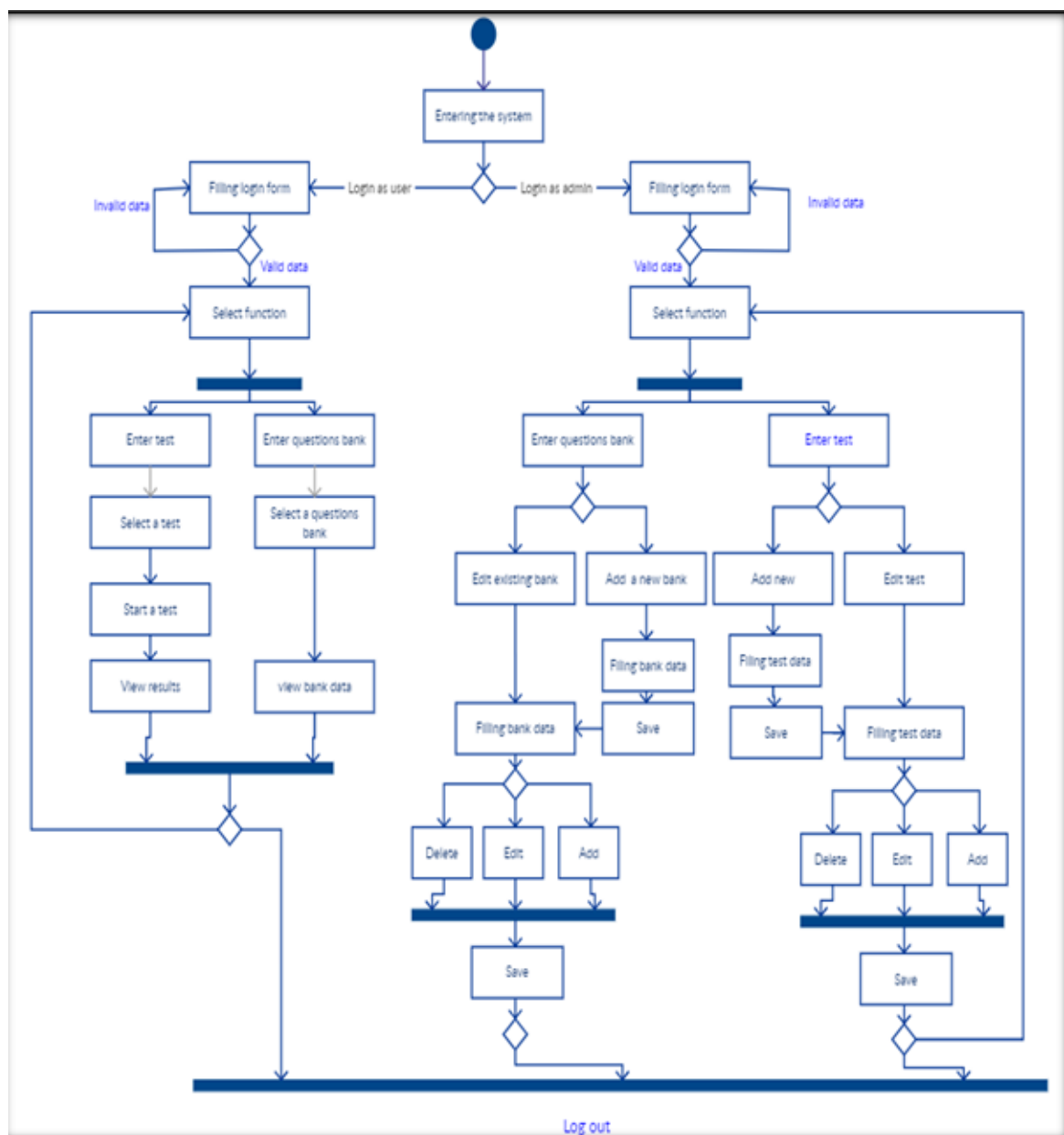


Figure (2.9) Activity diagram

Chapter three

System design

Chapter3: System design

3.1 Description of procedures and function

3.1.1 Log in:

```
<?php
session_start();

$conn = new mysqli('localhost', 'root', '', 'qiyas');
if ($conn->connect_error) {
die("Connection failed: " . $conn->connect_error);}

$sql = "SELECT * FROM members WHERE m_email= '$_POST['uemail'].''";
$result = $conn->query($sql);

if (!$result) {
trigger_error('Invalid query: ' . $conn->error);
echo "<center><h3>خطأ في معلومات الدخول</h3></center>";
}
else{

if ($result->num_rows > 0){

echo "<script>alert('Logged in Successfully');</script>";
// output data of each row
while($row = $result->fetch_assoc()) {
if ($row["m_pass"] == $_POST['psw'] ){
echo "<h1>Hi</h1>";
$_SESSION['userid'] = $_POST['uemail'];
$_SESSION['usernmae'] = $row["m_name"];
header("Location: Home AR.html");
echo "<script> location.href='Home AR.html'; </script>";
exit;
}
else echo "<center><h3>Password Dosen't Match</h3></center>";
}
}
}
```

3.2Relation Database Schema:

A relational database schema is the tables, columns and relationships that make up a relational database.

Other User			
Field name	ta typeDa	Measure	Note
Number	Number	10	Primary key
Name	Text	50	
Email	Text	30	
Username	Text	25	
Password	Number	20	

Table 1.2(other user)

Result of test			
Field name	Data type	Measure	Note
Result number	Number	20	primary key
Name	Text		
sultRe	Number	4	

Table 1.3(result of test)

Test			
Field name	Data type	Measure	Note
Test number	Number	10	primary key
Test data	Data		
Duration of the test	Time		

Table 1.4(test)

3.3 Hardware and software requirements

3.3.1 Hardware requirements:

server

3.3.2 Software requirements:

1.Apache

2.Windows server

3.Dreamweaver

Chapter for Implementation and Testing

4.3.1 User of database:

mysql | performance_schema | phpmyadmin | qiyas | New | marks | members | test

عرض الكل | عدد الأسطر: 25 | تصفية الصفوف: ابحث في هذا الجدول

m_pass	m_name	m_email	خيارات
hh	hh	6565	تحذف تعدل نسخ
1234	Admin	admin@mail.com	تحذف تعدل نسخ
ghgh	amal	dds@mail.com	تحذف تعدل نسخ
0000	امل	dxs33@gmail.com	تحذف تعدل نسخ
ghgh	hghg	ghgh	تحذف تعدل نسخ
12345	sarah	sara3233@gmail.com	تحذف تعدل نسخ
8790	saraa	sara@gmail.com	تحذف تعدل نسخ
1234	مها	sasa657C@gmail.com	تحذف تعدل نسخ

تحقق من الكل مع المحدد: | تصدير | حذف | نسخ | تعدل

4.3.2 Mark of database:

Showing rows 0 - 6 (المجموع 7, استغرق الاستعلام 0.0018 ثانية)

SELECT * FROM 'marks'

جانبى [Edit inline] [تحديث] [خروج]

عرض الكل | عدد الأسطر: 25 | تصفية الصفوف: ابحث في هذا الجدول

total	tf4	q4	tf3	q3	tf2	q2	tf1	q1	qid	m_email	خيارات
3	true	0	true	0	false	0	true	0	1	hala@mail.com	تحذف تعدل نسخ
1	true	C	false	D	false	A	false	C	2018	hala@mail.com	تحذف تعدل نسخ
2	false	B	true	B	true	C	false	A	0123 2018	sara@gmail.com	تحذف تعدل نسخ
0	false	D	false	D	false	A	0153 2018	dxs33@gmail.com	dxs33@gmail.com	تحذف تعدل نسخ	
2	true	C	false	A	false	B	true	B	0202 2018	sasa657C@gmail.com	تحذف تعدل نسخ
1	true	C	false	C	false	B	false	C	0807 2018	sara3233@gmail.com	تحذف تعدل نسخ
0	false	D	false	C	false	D	false	C	1047 2018	hala@mail.com	تحذف تعدل نسخ

تحقق من الكل مع المحدد: | تصدير | حذف | نسخ | تعدل

عرض الكل | عدد الأسطر: 25 | تصفية الصفوف: ابحث في هذا الجدول

صفحات على نتائج الاستعلام

4.4 Layouts .

تسجيل الدخول | تسجيل جديد

تعلم

الرئيسية | قياس | الخدمات | تواصل معنا

تسجيل جديد

البريد الإلكتروني

البريد الإلكتروني

اسم المستخدم

اسم المستخدم

كلمة المرور

كلمة المرور

تسجيل

تنشيط Windows

التحول إلى الإصدارات لتنشيط Windows



اختبار قياس Qiyas (التقييم المدرسي اختبارات قياس قدرات طلاب المرحلة الثانوية والجامعية) هي مجموعة اختبارات القبول للكلية في الجامعات السعودية ويقدمها الطلاب السعوديون في المرحلة الثانوية وقبل الالتحاق بالكلية وبعض الاختبارات بعد التخرج من الجامعة. وهو أحد اختبارات المركز الوطني للقياس والتقويم. الاختبارات متعددة منها اختبار القدرات الطلاب في الرياضيات واللغة العربية واختبار التحصيلي يقيس الطلاب في المواد العلمية للأولاد واختبار القبول يقيس الطالبات في المواد العلمية وهناك اختبار الكفايات في اللغة الإنجليزية وهو اختبار محلي للغة الإنجليزية لتقريب للتوفل واختبار اللغة العربية وهو اختبار محلي للغة العربية لغير الناطقين بها هذه الاختبارات البعض إجباري والبعض اختياري للقبول في الجامعات والكليات وكل جامعة تشترط درجة محددة من أي اختبار قياس. [1] جميع اختبارات قياس مملوكة ومقدم ومنسّور من قبل مجلس التعليم العالي وهي منظمة غير ربحية في السعودية التي وضعت عطلت المركز الوطني للقياس والتقويم المستقلة علم الاختبار

تنشيط Windows

المؤيد بقرار مجلس الوزراء السعودي. من خلال موقعنا يمكننا مساعدة الطلاب في المرحلة الثانوية حيث انه يشمل العديد من الاسئلة والاختبارات السابقه ومراجع كتب تساعد الفهم بشكل اكبر وحيث انه يوجد اختبار تجريبي للطلاب.



جدول اختبارات قياس

اختبار القدرات العامة

تنشيط Windows
انتقل إلى الإعدادات لتنشيط Windows

الفترة	نوع الاختبار	اللغة	الجنس	فترة التسجيل المسكر	فترة الاختبار
--------	--------------	-------	-------	---------------------	---------------

تسجيل الدخول | تسجيل جديد

تعلم

الرئيسية | قياس | الخدمات | تواصل معنا |

تعريف اختبار قياس

أقسام الاختبار

تنشيط Windows

تسجيل الدخول | تسجيل جديد

تعلم

الرئيسية | قياس | الخدمات | تواصل معنا |

. مراجع

. اختبار تجريبي

. أسئلة مختارة

. أخرى

. درجاتي

تنشيط Windows
انتقل إلى الإعدادات لتنشيط Windows

الرئيسية | قياس | الخدمات | تواصل معنا |

الوقت المتبقي 01:58 دقيقة!

اختبار تجريبي

تَكم:

- ا- اكتمل

ب- تخفى ونستر

ج- ضل عن الطريق

د- جمد
- وَضْمَة

ا- بصمة

ب- الضوء الخافت

تنشيط Windows
انتقل إلى الإعدادات

تسجيل الدخول | تسجيل جديد

تعلم

الرئيسية | قياس | الخدمات | تواصل معنا

خدمات أخرى

منصة زون

موقع قياس

حسابات مساعده في تويتر: @qiyasonline@ , amalqhtani

برامج تحميل من الجوال: القدرات, اختبار القدرات, qiyasscom, قياس القدرات

وضع مواعيد الاختبارات للطلاب:

طريقة تسجيل للاختبار:

تنشيط Windows
انقل إلى الإعدادات لتنشيط Windows

أسئلة مختارة للتدريب عليها
اختاري الإجابة الصحيحة

1- إذا كان يصرف تكاليف تسويق ما متوسطه ربع ريال على الوردة الواحدة، فكم يجب أن يبيع ليربح (1000) ريال في اليوم الواحد؟

1. 1000
2. 2500
3. 4000
4. 5000

الإجابة كمية البنزين = $4800 \div 96 = 50$ لتر الخسارة = $50 \times 6 = 300$ هلاله = 3 ريال

2- إذا كان سعر لتر بنزين من محطة داخل المدينة ب 90 هلاله وخارج المدينة ب 96 هلاله كم رايلا خسر الرجل عندما ملأ سيارته خارج المدينة ب 48 ريال

1. 2
2. 3
3. 4
4. 5

الإجابة الصحيحة هي 4000 ورده

تنشيط Windows
انقل إلى الإعدادات لتنشيط Windows

تسجيل الدخول | تسجيل جديد

تعلم

الرئيسية | قياس | الخدمات | تواصل معنا

رقم الاختبار	اختبار السؤال الأول	الجواب	اختبار السؤال الثاني	الجواب	اختبار السؤال الثالث	الجواب	اختبار السؤال الرابع	الجواب	الدرجة
0721 2018	A	false	A	false	A	false	A	false	0

تنشيط Windows
انقل إلى الإعدادات لتنشيط Windows

جميع الحقوق محفوظة © 2018

4.5 Report Layouts:

تسجيل الدخول | تسجيل جديد

تعلم

الرئيسية | قياس | الخدمات | تواصل معنا

تسجيل جديد

البريد الإلكتروني
sara3233@gmail.com

اسم المستخدم
gaida

كلمة المرور
.....

تسجيل

تنشيط Windows
انتقل إلى الإعدادات

show us the information we should write it to create account the name of user, email and password after the user write this information, will see this "statement "Account successfully added.

هل تريد حفظ كلمة المرور؟

اسم المستخدم
gaida

كلمة المرور
.....

حفظ مطلقاً

Once logged in, they can view the test page

الرئيسية | قياس | الخدمات | تواصل معنا

الوقت المتبقي 01:58 دقيقة!

اختبار تجريبي

تكم:

- ا- اكتمل

ب- تخضع ونسار

ج- ضل عن الطريق

د- جمد
- وضفة

ا- بصمة

ب- الضوء الخافت

تنشيط Windows
انتقل إلى الإعدادات

Sign in to admin view student results:



تسجيل الدخول | تسجيل جديد

تعلم



الرئيسية | قياس | الخدمات | تواصل معنا

اسم الطالب	رقم الاختبار	اختبار السؤال الأول	الجواب	اختبار السؤال الثاني	الجواب	اختبار السؤال الثالث	الجواب	اختبار السؤال الرابع	الجواب	الدرجة
fsae	0721 2018	A	false	A	false	A	false	A	false	0
saraa	0123 2018	A	false	C	false	B	true	B	true	2
sarah	0807 2018	C	false	B	false	C	false	C	false	1
امل	0153 2018	A	false	D	false	D	false	D	false	0
مها	0202 2018	B	true	B	true	A	false	C	false	2

Chapter five

Conclusion and Future Work

Chapter 5: Conclusion and Future Work

5.1 Conclusion:

Our project is one of the most important systems that help students to obtain and share the forms of questions and tests among students and help them to understand it, which facilitates passing the exam. Our project is designed to accommodate future upgrading and development without the need for building a new system to fit with the growing needs and demands of the system. Having this system hosted online means the ability of students to learn and understand test questions at any time beyond the boundaries and walls of college which add one more advantage to replacing the paper-based style.

5.2 Future Work:

I suggest you continue to update and add items to the database. Sometimes we can add another trial test and a link in the database. Update the questions and learn all the new. Develop the site to become more effective.

Regardless of the fact that the basic objectives of the work have been met, there is still room for further improvement better and easier website. The solutions proffer by this application can be extended to other forms of our project. It is therefore recommended that further research be carried out on this work to improve it functionality and .increase its features

References

<https://www.non.sa/#/header/aboutus>

https://www.safaribooksonline.com/library/view/systems-analysisand/9781118037423/05_chapter001.html

DENNIS,A,WLXOM,B&ROTH,R(2009)System Analyze and design(5th)

<https://www.lucidchart.com/pages/er-diagrams>

https://en.wikipedia.org/wiki/Sequence_diagram.

<https://www.techopedia.com/definition/27489/activity-diagram>.

<https://www.investopedia.com/terms/o/organizational-chart.asp>

. <https://forum.education-sa.com/edu129/9>. <https://www.lucidchart.com/pages/er-diagrams>

<https://www.youtube.com/watch?v=DT5Kew3z8-Q>

Agarwal, B, Tayal, S & Gupta,M(2009), SOFTWARE ENGINEERING & TESTING(1thed). Canada; Jones and Bartlett Publishers.

(DENNIS,A,WLXOM,B&ROTH,R(2009)System Analyze and design(5th