

A photograph of three students sitting at a wooden table outdoors. A young man on the left is smiling and looking towards the center. In the center, a young woman with curly hair and glasses is looking down at some papers. On the right, the back of another student's head is visible. They appear to be working on a group project.

School Web App

Graduation project

Using ADF Technology

CS department



School Web App

under supervising

DR . Mahmoud Ismail

Decision Support Department

Eng. Ahmed El- Refay

Computer Science Department

Prepared by

- Gouda Abdul Fattah Fathi
- Muhammed Mustafa
- Hassam Mustafa
- Adel Ibrahim
- Mahmoud
- Ibrahim Ali



Contents

- The problem ----- slide 5
- How to Solve the problem----- slide 8
- Specifications of the Software----- slide 11
- Conclusion----- slide 28
- Future Work ----- slide 30

What 's
The problem ..?



The problem

There are a lot of schools, and often public schools that lack commercial support, and the lack of possibilities to be leading to a lack of ability to **buy** or **doing** a school software system in order to help them in business administration, exams, monitor grades, students evaluate, communicate with parents ... etc.



there are many schools up till now their works based on written, and paper works despite the technological sophistication, that we arrived to it.

----- which leads to -----



wasting time



manual errors



The difficulty of communication between everyone in the system



fatigue and tiredness by the employee



The high cost of printing papers..etc.

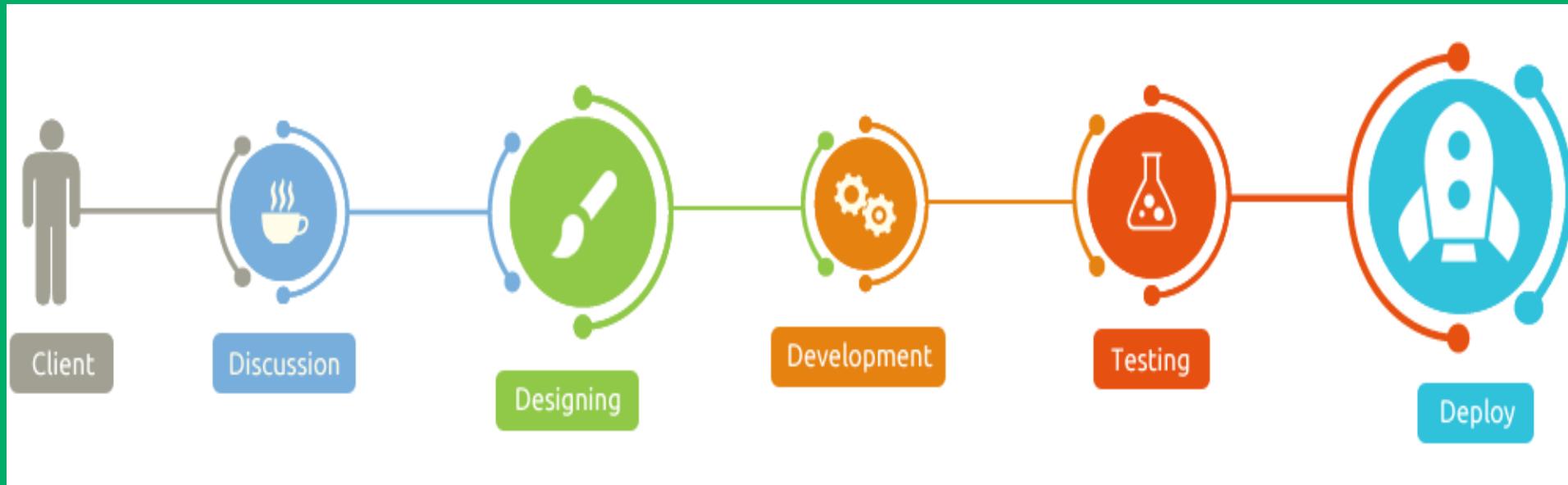


not keep up with the times



How to solve the problem

To Solve the problem we should follow the steps of SDLC



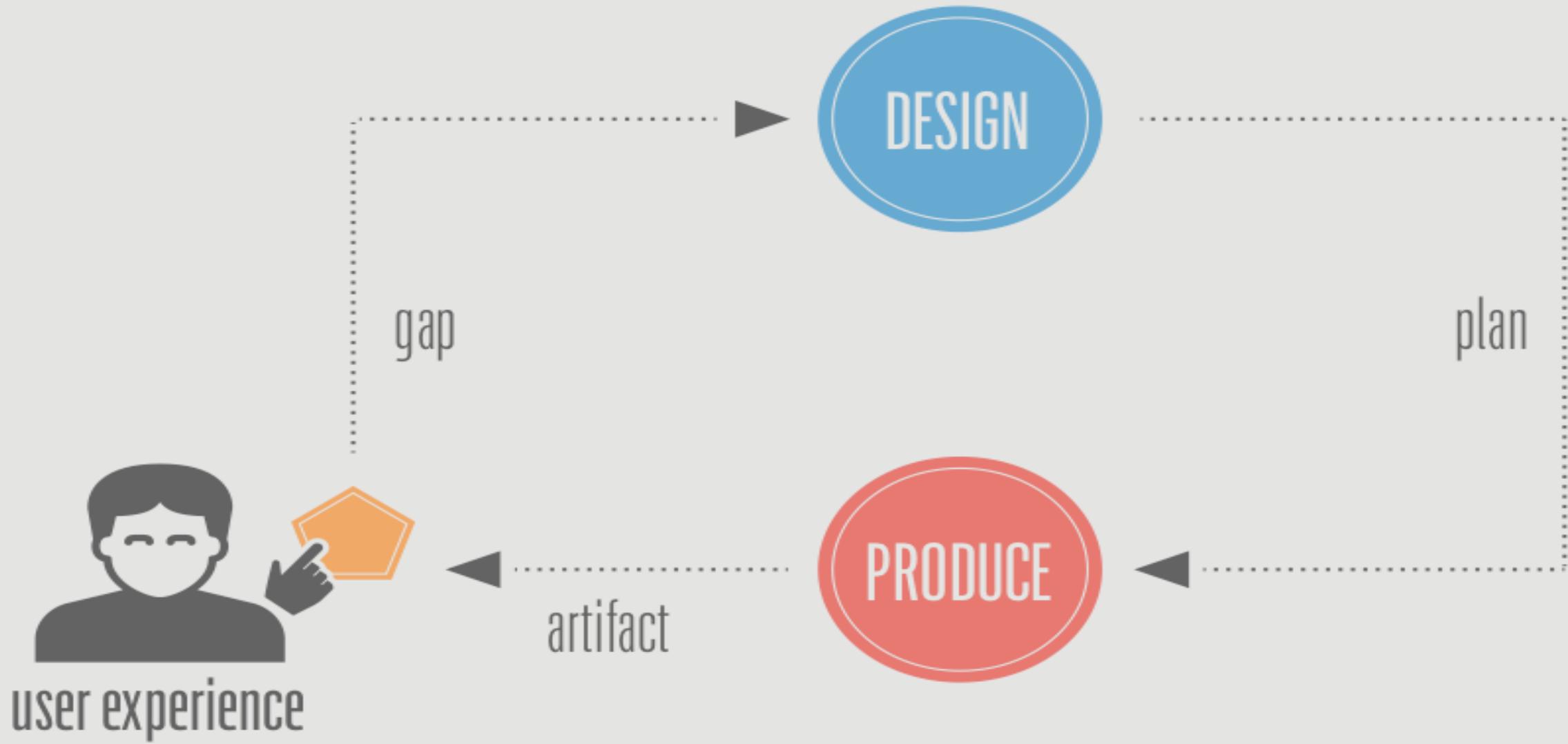
Discussion :
- understanding Projects
- Gather Requirements

Designing :
- out of the box design

Development:
- proper coding practices

Testing :
- Proper Testing
- Bug Fixing

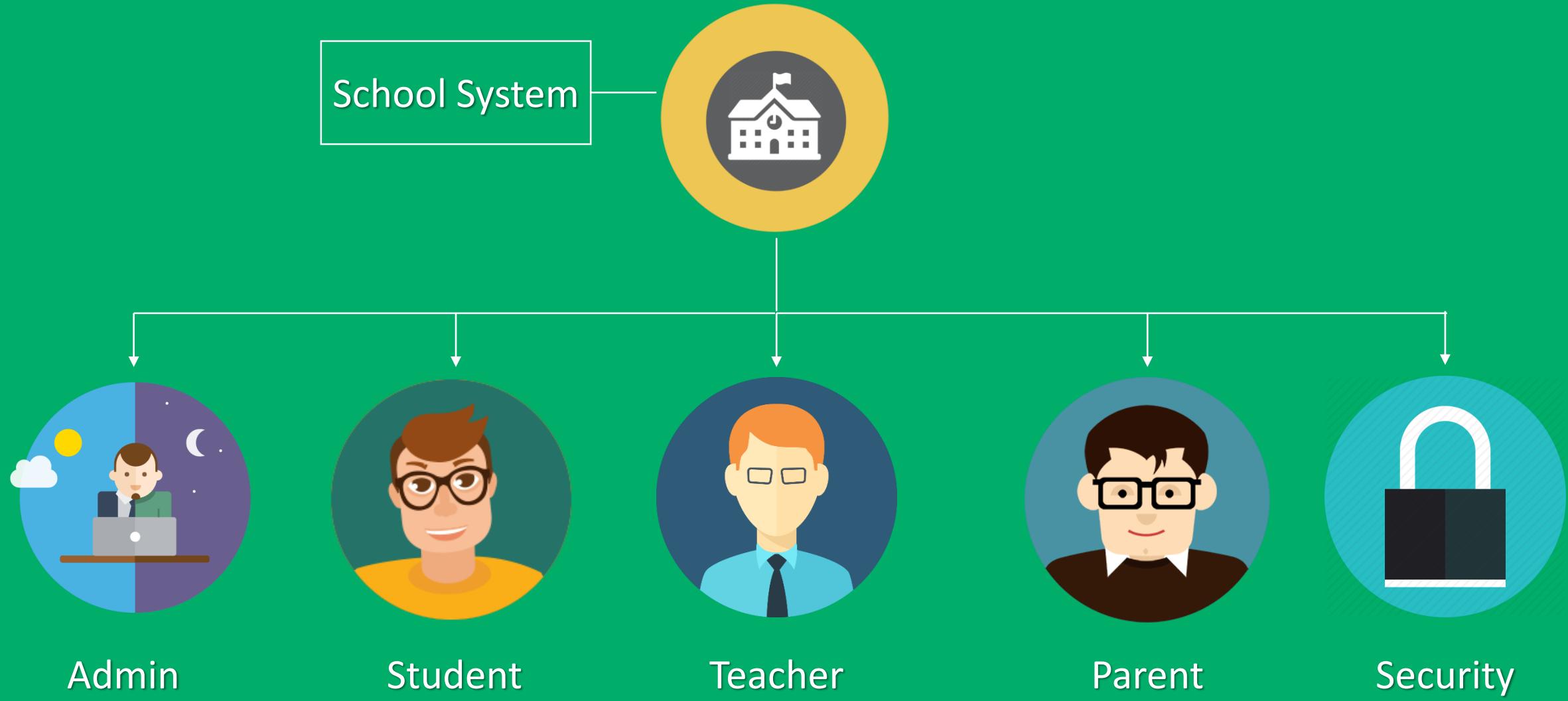
Deploy :
- Timely Launch
- Happy Clients



Specifications of the Software



Our System consist of Five features





Admin

- Prepare Regulations
- Prepare stages and seasons
- Prepare materials
- Prepare specialties
- Prepare the school timetable
- Insert a new student
- Insert a new teacher

إعداد اللائحة
إعداد المراحل والفصول
إعداد المواد
إعداد التخصصات
إعداد الجدول الدراسي
ادخال طالب جديد
ادخال مدرس

User Name admin

Password *****

Login SignUp

لوجین تسجيي

Log in as Admin

System Menu ▾

- Admin ►
 - اعداد الأئمه
 - اعداد سنّه دراسيه Stage
 - اعداد الفصول
 - اعداد التخصصات
 - اعداد الجدول الدراسي
 - اعدادولي الامر
 - اعداد الطالب الدراسي
 - اعداد المدربين والمواد
 - اضافه نوع اختبار
 - قائمه الفصول والطلبه
 - قائمه المدرسين والمواد
 - ادخل شكوى
- Student ►
- Teacher ►
- Parent ►
- Security ►
- فه امتحان ▾



Student —

- Login
- View Time Table
- View Material
- View Exam Score

User Name Mahmoud

Password *****

Login **SignUp**

Log in as Student

Student Home Page

System Menu ▾

Short Navigation

عرض الجدول الدراسي اعدادات الجدول



A screenshot of a student's home page. At the top right, there is a decorative header featuring a blue sky with white clouds, green trees, and small cartoon figures. Below this, the page has a light gray background. On the left, there is a vertical sidebar with a dark blue header containing the text "System Menu" with a dropdown arrow. To the right of the sidebar, the main content area has a blue header bar with the text "Short Navigation". Below this, there is a button labeled "عرض الجدول الدراسي" (View Academic Calendar) with a small arrow icon to its left. To the right of this button is another button labeled "اعدادات الجدول" (Edit Calendar). The bottom half of the page features a large, stylized icon of a calendar with a red circle and a diagonal slash through it, positioned over a grid of lines, likely representing a cancellation or a non-working day.

View Exam Scores



System Menu ▾

◀ | Home | English | Arabic | User Profile | Logout | ▶ ▾

StudentEnroll

[View](#) ▾ **Detach**

StudentEnrollId	StudentId	ClassId	SchoolYearId
102	Mahmoud	1-2	2015-2016

[View](#) ▾ **Detach**

ExamStudentId	ExamId	StudentEnrollId	Score	Note
102	English Quiz	102	15	

View School Timetable



System Menu ▾

Home English Arabic User Profile Logout ▾

Schedule

▶ Search Advanced

View ▾	Add New	Delete	Save	Cancel	Detach						
ScheduleId	DayId	DayDate	ClassId	TeacherId	SubjectId	TimeFrom	TimeTo	SchoolYearId			
1	Saturday	9/20/2014	1-1	Magdy	Arabic 1	8 : 00	10 : 00	2015-2016			
2	Saturday	9/20/2014	1-1	Adel	English 1	10 : 30	11 : 00	2015-2016			



Teacher

- Login
- View Schedule
- Add Exam Score
- Add Exam
- Add Student Evaluation

User Name Magdy

Password *****

Login **SignUp**

Log in as Teacher

Student Home Page

The Student Home Page features a decorative header with clouds, trees, and children's illustrations. The top navigation bar includes links for Home, English, Arabic, User Profile, and Logout. A System Menu dropdown for 'Teacher' is open, showing options: اضافة امتحان (Add Exam), اضافة تقييم (Add Grade), and اضافة تقييم لطالب (Add Student Grade). Below the menu are four main functional modules:

- عرض الجدول الدراسي** (View Academic Calendar): Represented by a calendar icon with a red circular overlay.
- اضافة امتحان** (Add Exam): Represented by a clipboard icon with a checkmark.
- اضافة تقييم** (Add Grade): Represented by a green square icon with a plus sign and a pen.
- تقييم طالب** (Student Grade): Represented by a circular icon containing a clipboard with a checkmark.

All Right reserved

View School Schedule



System Menu ▾

Home English Arabic User Profile Logout ▾

Schedule

▶ Search Advanced

ScheduleId	DayId	DayDate	ClassId	TeacherId	SubjectId	TimeFrom	TimeTo	SchoolYearId
1	Saturday	9/20/2014	1-1	Magdy	Arabic 1	8:00	10:00	2015-2016
2	Saturday	9/20/2014	1-1	Adel	English 1	10:30	11:00	2015-2016

Add an exam

System Menu ▾

Home | English | Arabic | User Profile | Logout | ▶ ▾

Arabic

View ▾  Detach

SubjectId	SubjectCode	SubjectName	SubjectMidDegree	SubjectTermDegree	SubjectSemester	SubjectExamHour	SubjectWeekHour	FieldId	SchoolListId
2	par2	Arabic 2	40	100	1	3	8	1	EI_Farouk ...
1	par1	Arabic 1	40	100	1	3	8	1	EI_Farouk ...

ExamId 122

* ExamName Arabic Quiz 2

* ExamTypeId paper

* ExamDate 11/29/2014 

ExamTime 8 : 00

SubjectId 1

ExamQuestion

* TeacherId Magdy

Previous Next Add New Delete Save Cancel

All Right reserved

Activate Windows
Go to PC settings to activate Windows.

Insert evaluation of Student

StudentEnrollViewEx

▶ Search

Advanced

View ▾

Detach

ClassId	SchoolYearId		StudentEnrollId	StudentId
1-1	2015-09-19 08:00:00.0 2016-05-13 14:00:00.0		101	Hossam
1-2	2015-09-19 08:00:00.0 2016-05-13 14:00:00.0		102	Mahmoud

StudentsEvaluationView1

View ▾

ADD New

Delete

Save Cancel

Detach

EvaluationId	EvaluationItemId	StudentEnrollId	StudentEvalPerc	TeacherId	
65	solve task	102	85	Magdy	
66	attend	102	95	Magdy	



Parent

- Login
- View Exam Score
- View Schedule
- View Evaluation

User Name Hassan

Password *****

Login **SignUp**

Log in as Parent

Student Home Page

The Student Home Page features a green header bar with the title "Student Home Page". Below the header is a decorative banner with clouds, trees, and children's illustrations. The main content area includes a "System Menu" dropdown with Arabic options: "عرض التقييم ودرجات الاعمال", "عرض الجدول الدراسي", and "عرض الشكوى". Navigation links for "Home", "English", "Arabic", "User Profile", and "Logout" are also present. Two large cards are displayed: one for "تعديل الجدول" (Edit Schedule) showing a calendar icon with a red circular mark, and another for "عرض التقييم" (View Grade) showing a clipboard icon.

System Menu ▾

Parent ▾ عرض التقييم ودرجات الاعمال
Short Navigation عرض الجدول الدراسي
اعدادات الشكوى

Home English Arabic User Profile Logout

تعديل الجدول عرض التقييم عرض تقييم طاب

All Right reserved



Security

it's a feature which the admin can use it to determine type of user who log in system such as :

- Admin
- Teacher
- Student
- Parent

User Name admin

Password *****

Login **SignUp**

Log in as Admin



System Menu ▾

Home English Arabic User Profile Logout ▾

Users

▶ Search

View ▾	Add New	Delete	Save	Cancel	Detach
UserId	UserName	UserPassword	UserCode	RoleId	CreationDate
6	Salem	*****	Salem	Parent	6/28/2016
7	Mahmoud	*****	mahmoud	Student	6/28/2016
1	admin	*****	Demo	Admin	5/12/2016
2	Magdy	*****	Magdy	Teacher	6/24/2016
3	Adel	*****	mohamed	Teacher	6/18/2016
4	Hussam	*****	hussam	Student	6/28/2016
5	Hassan	*****	hassan	Parent	6/28/2016

CONCLUSIONS OF THE SYSTEM



CONCLUSIONS

- There has become a system that can work in any school putting Link of server in any browser and log in through writing your (User Name & Password).
- There will be a use of time and not wasted.
- The lack of manual mistakes.
- Ease of communication between members of the system.
- Lack of fatigue.
- Low cost.

Future Work





Web App



Mobile App

The Future Of Work #2

Before



Contracts are stable
A worker works for 1 company

After



People will work for and
with many clients

(Dana Ard)

Finally

we want to thanks:

everyone who help us in anything
everyone still beside us up till now
every instructor give us any information



Thanks