



Graduation Project Year 2012-2013

ELECTRONIC FORUM ON ANDROID SYSTEM



Supervised by : **Dr.Ebrahim Elhenawy**

Team Work Members

- ❑ **Ahmed Abdel Salam El-Bohy .**
- ❑ **Kareem Osama El Sayed Kandeel.**
- ❑ **Mohamed Abdel Rahman Hussien.**
- ❑ **Mohamed Tarek Mohamed El-Esawy.**
- ❑ **Mohamed Abdel Azeem Mohamed Bakr.**



Acknowledgement

- { الحمد لله الذي هدانا لهذا وما كنا لنهتدي لولا أن هدانا الله }

Praise Allah firstly & finally for giving us the powerful to go on this

We also have to thank

Dr.Ebrahim Elhenawy

For advice and guidance , without whose assistance this project would not have been successful.



Agenda

■ Objectives .

- Introduction .
- Aim of the Project .
- Technology Android .
- Technolgy php.
- Impelmentation
- Future work .





Objectives



Objectives

- Given rapid technological development has become the fastest smartphone way to follow events and communicate with each other.
- Let's think in communication with the primary source of knowledge that our college and communicate with faculty students and staff to ease the burden in the search for information.



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Introduction



Introduction

- **Given the rapid technological evolution has become a Smart Phone fastest way to follow events and communicate with each other.**
- **Which let's think about the communication with the main source of knowledge which our college and communicate with faculty members from the students and staff of the mitigation and the burden on the parties ...**



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Aim of the Project



Aim of the Project

- The idea is to connect mobile database for students on the Web page.
- And the emergence of these data through the mobile interface. Enters the students via e-mail and password of their own.
- Where it displays the events of interest to the student activities and schedules of lectures.

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Technology Android



Introduction to Android

- 
- What is Android ?
 - Why Android ?

What is Android ?

- Android is an open source operating system, created by Google specifically for use on mobile devices (cell phones mostly) .
- Based on the Linux kernel .
- Allows writing managed code in the Java language .



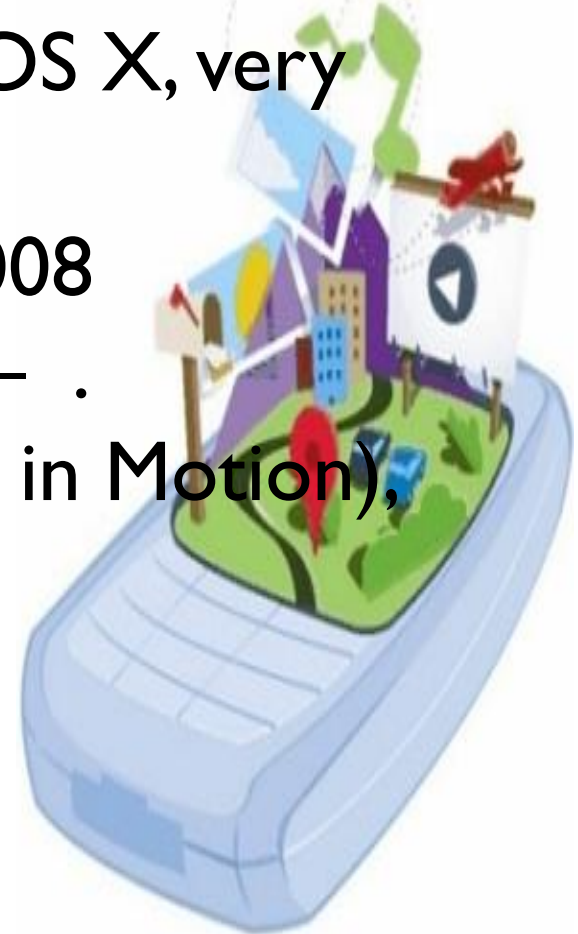
What is Android ? Con.

- ❑ Possibility to write applications in other languages and compiling it to native code
- ❑ It also support connectivity of network technology including , Bluetooth, Wi-Fi, 3G etc...



Competitions

- iOS – Apple's proprietary mobile OS, iPhone, iPod Touch, iPad. Derived from OS X, very UNIX like
- Symbian – acquired by Nokia 2008
- Windows Phone 7 – Microsoft – .
- Blackberry OS – RIM (Research in Motion), proprietary OS



Differences

Android OS	Symbian OS
<ol style="list-style-type: none">1.It is a open Source Os2. It Developed by Google. and OAH group.3. It is Platform Dependent4. It' Supports Java native, C/C++ also.5. In this operating System we can use Net book, eBook reader6.This OS in Work will be Fast.7. It supports mini processor.8.Android tightly integrated by Google's cloud services.	<ol style="list-style-type: none">1. But It is not open source Os.2. But it is Developed by Nokia.3. 3. But it is not Platform Dependent.4. 4. It' supports J2Me and C++, HTML, XML and Java script.5. But in this operating System doesn't Support net book.6. This OS Not Faster then Android OS.7. It' not Support Processor.8. It is tightly integrated by Nokia's cloud services.

Advantages

- ❑ The ability for anyone to customize the Google Android platform
- ❑ The consumer will benefit from having a wide range of mobile applications .
- ❑ Android supports multi-tasking, too, so you can run multiple apps at once.
- ❑ Enabling the ability to connect USB devices with android has created a high competitive advantage for them.
- ❑ You can populate screens with shortcuts to apps or widgets that display news headlines, search boxes, or more
- ❑ Users can connect their flash drive, keyboard or whatever USB devices they have to their android driven tablets.



Disadvantages

- Android identities are not secured, thefts and hacks are possible.
- Android doesn't support Bluetooth stereo, Contacts exchange, Modem pairing, Wireless keyboards etc.....
- Android only reuses Java language syntax.
- The Android platform cannot be installed on or run from a SD card.
- The Java enabled system cannot be installed on the memory card.
- Thus apps and software have to be downloaded direct onto the phone's own memory, which obviously takes up much-needed space.
- The system shows up only the first frame. It does not support animated .gif files.



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Technology php



Technology php

- PHP is free software released under the PHP License, which is incompatible with the GNU General Public License (GPL) due to restrictions on the usage of the term PHP. PHP can be deployed on most web servers and also as a standalone shell on almost every operating system and platform
- PHP files can contain text, HTML tags and scripts
- PHP files are returned to the browser as plain HTML
- PHP files have a file extension of ".php", ".php3", or ".phtml"

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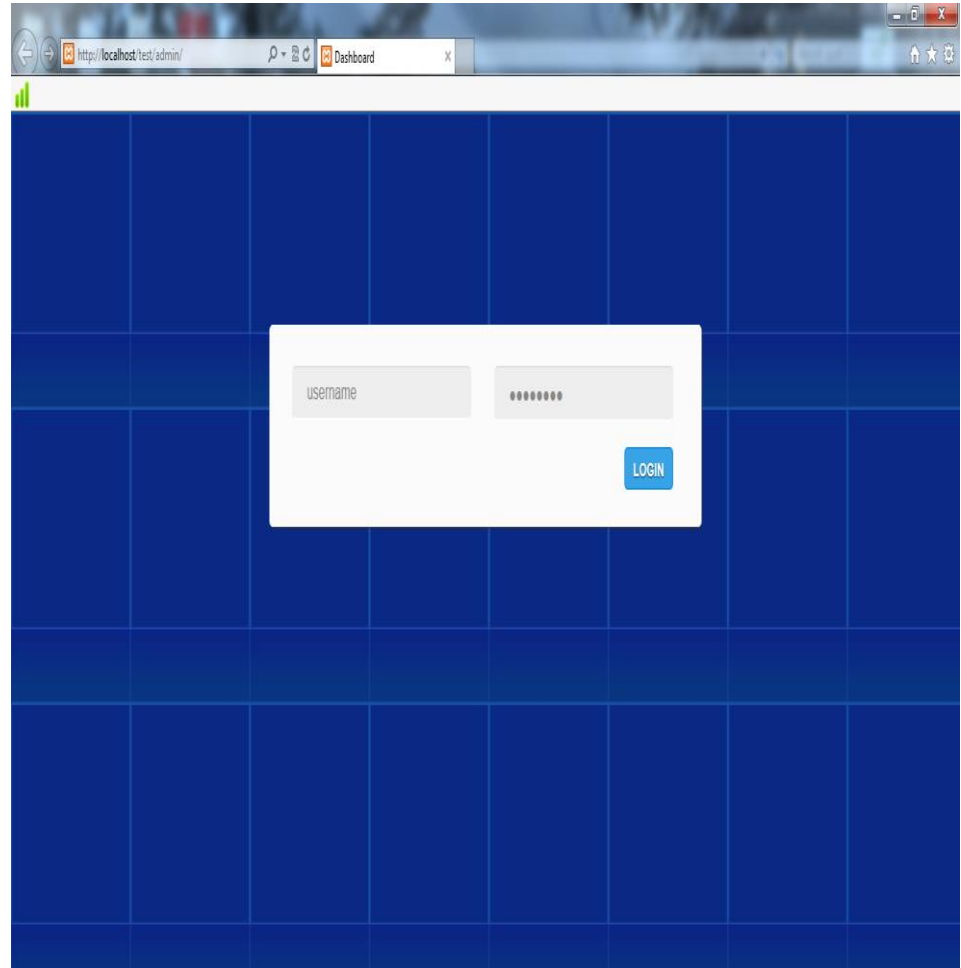


impelmentation

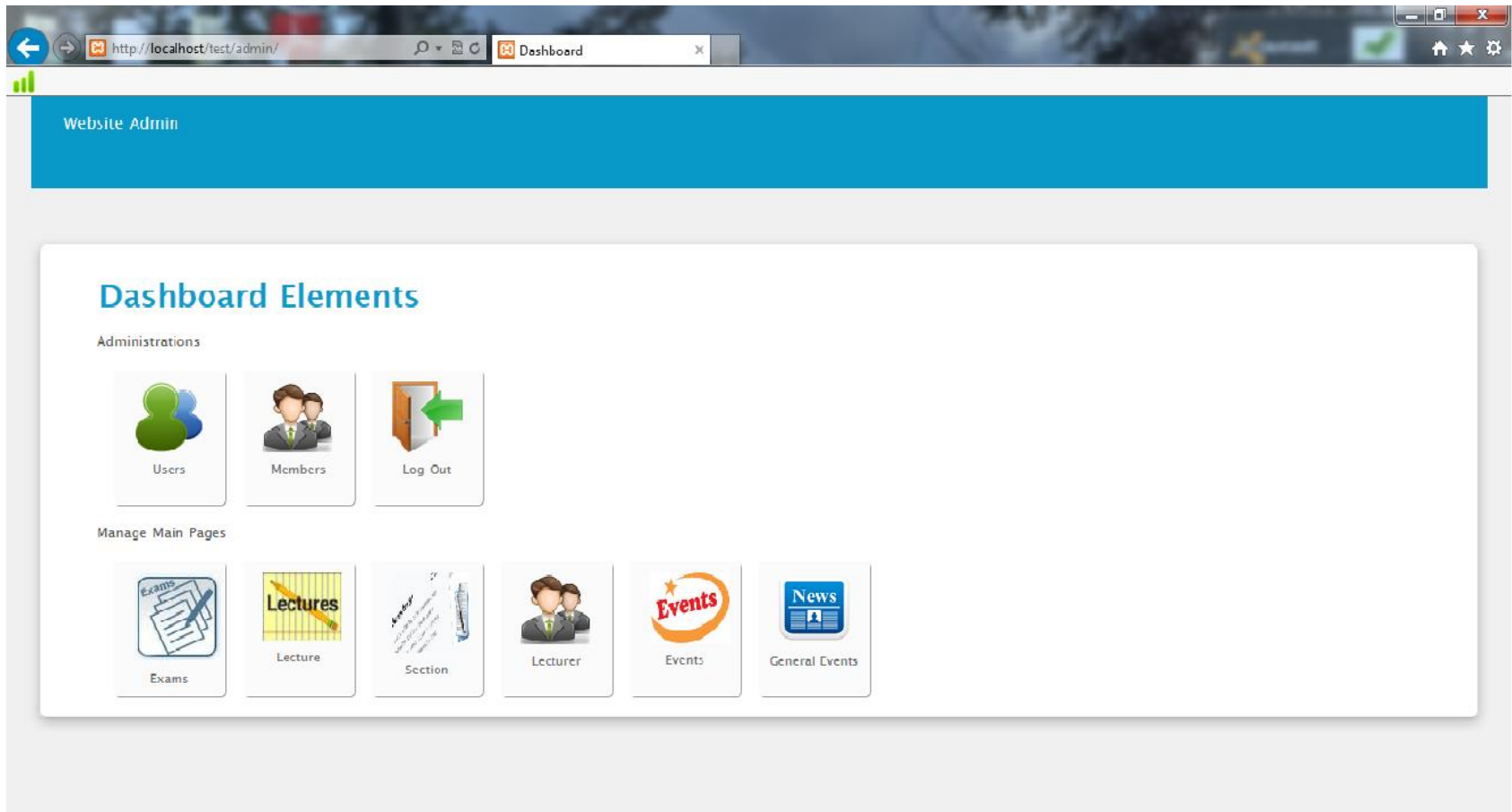


impelmentation

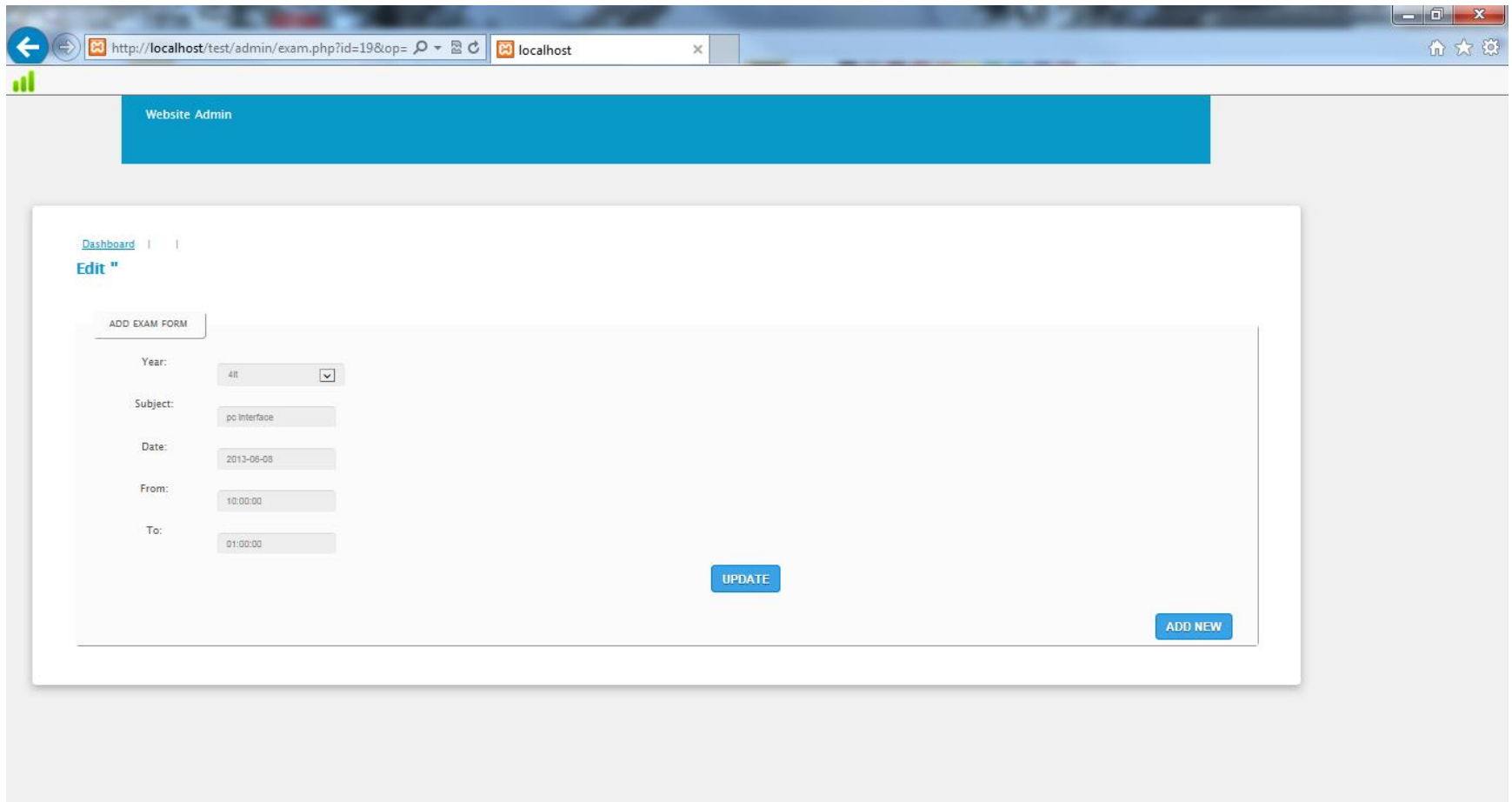
- **Web Admin page**
- **Log in page**



The main page



The exam page



The screenshot shows a web browser window with the address bar displaying `http://localhost/test/admin/exam.php?id=19&op=`. The page has a blue header bar labeled "Website Admin". Below the header, there is a breadcrumb trail: [Dashboard](#) | [Edit "](#). The main content area is titled "ADD EXAM FORM" and contains a form with the following fields:

- Year: A dropdown menu with "4th" selected.
- Subject: A text input field containing "po Interface".
- Date: A text input field containing "2013-06-08".
- From: A text input field containing "10:00:00".
- To: A text input field containing "01:00:00".

At the bottom right of the form, there are two buttons: "UPDATE" and "ADD NEW".

The lecture page

Website Admin

[Dashboard](#) | |

[Edit ''](#)

ADD LECTURE FORM

Year: 41s

subject: object oriented data base

Day: thursday

From: 03:00:00

To: 06:00:00

professor: DR.Sayed Kamel

UPDATE

ADD NEW

The section page

The screenshot shows a web browser window with the address bar displaying `http://localhost/test/admin/section.php?id=38&of`. The page title is "Website Admin". The main content area is titled "Edit" and contains a form labeled "ADD SECTION FORM". The form has the following fields:

- section:
- Day:
- Subject:
- From:
- To:
- Instructor:

At the bottom right of the form, there are two buttons: "UPDATE" and "ADD NEW".

The lecturer page

Website Admin

[Dashboard](#) | |

[Edit 'Eng.Nabil Mostafa'](#)

Instructor Name

UPDATE

The event page

The screenshot shows a web browser window with the address bar displaying `http://localhost/test/admin/events.php?op=AddNi`. The page has a blue header bar labeled "Website Admin". Below the header, there is a breadcrumb trail: [Dashboard](#) | [Add New](#). The main content area is a light gray box containing a form for adding a new event. The form has three fields: "Events" (a large text area), "Date" (a text input), and "Year:" (a dropdown menu with the text "Select From the Menu"). A blue "ADD" button is located at the bottom right of the form.

Website Admin

[Dashboard](#) | [Add New](#)

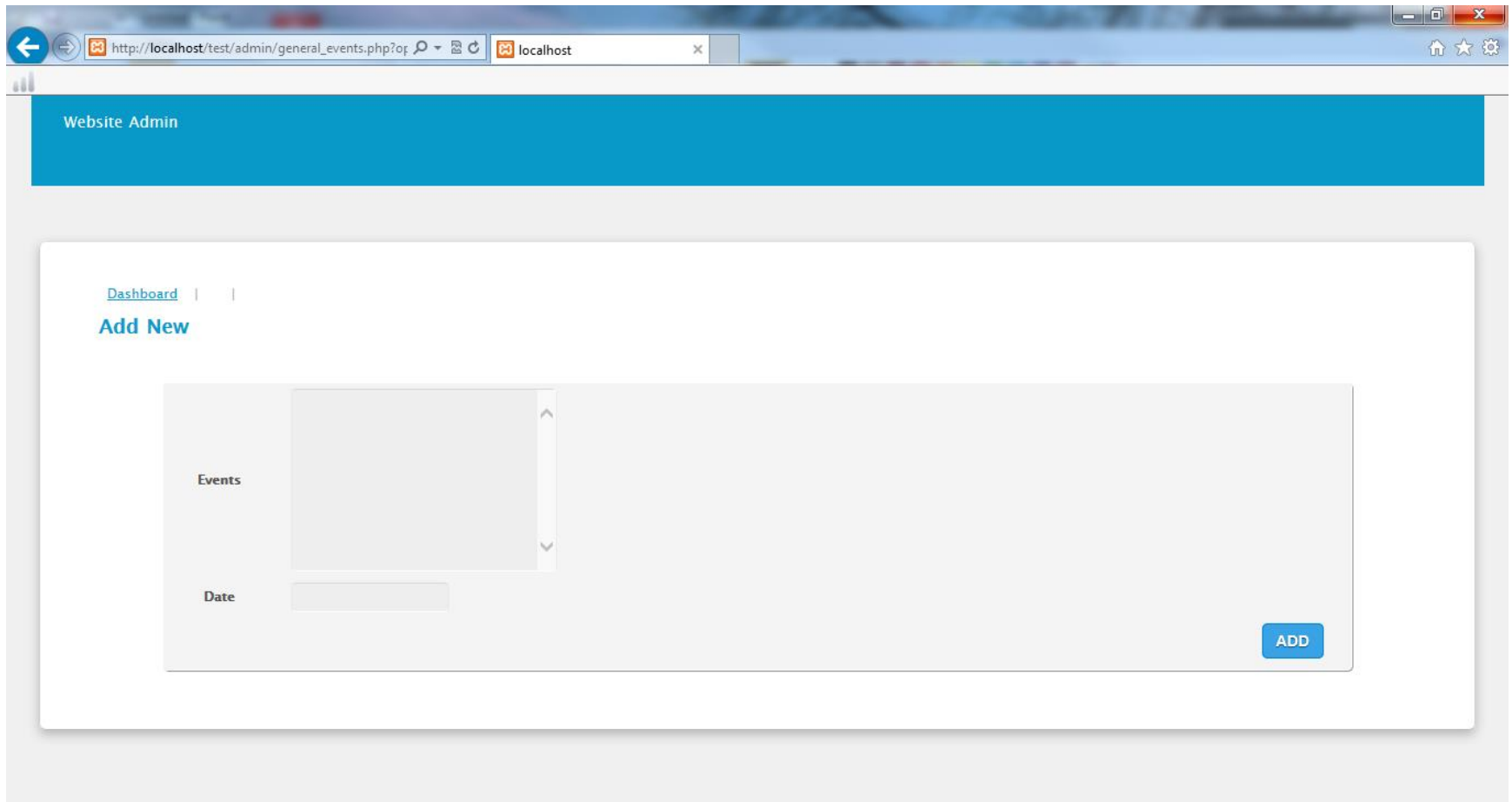
Events

Date

Year: Select From the Menu

ADD

The general event page



The screenshot shows a web browser window with the address bar displaying `http://localhost/test/admin/general_events.php?of`. The page has a blue header bar labeled "Website Admin". Below the header, there is a breadcrumb trail: [Dashboard](#) | |. Underneath the breadcrumbs, the text "Add New" is displayed. The main content area contains a form with two input fields: "Events" and "Date". The "Events" field is a large text area with a vertical scrollbar. The "Date" field is a smaller text input. A blue "ADD" button is located at the bottom right of the form.

Website Admin

[Dashboard](#) | |

Add New

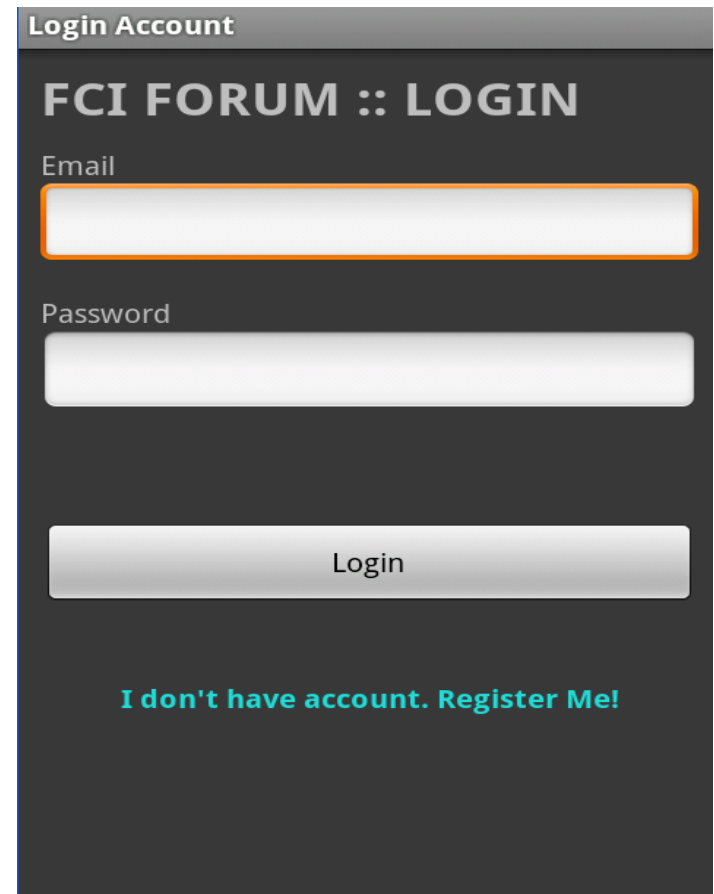
Events

Date

ADD

Android GUI

■ Login Screen



The image shows a mobile application login screen. At the top, there is a header bar with the text "Login Account". Below this, the main title "FCI FORUM :: LOGIN" is displayed in a bold, sans-serif font. The screen contains two input fields: "Email" and "Password". The "Email" field is highlighted with an orange border. Below the "Password" field is a "Login" button. At the bottom of the screen, there is a link that says "I don't have account. Register Me!".

Login Account

FCI FORUM :: LOGIN

Email

Password

Login

[I don't have account. Register Me!](#)

Register Screen

Register New Account

Choose a year

First	<input checked="" type="radio"/>
Second	<input type="radio"/>
Third	<input type="radio"/>
Fourth CS	<input type="radio"/>
Fourth IT	<input type="radio"/>
Fourth IS	<input type="radio"/>

Register New Account

FCI FORUM :: REGISTER

Full Name

Email

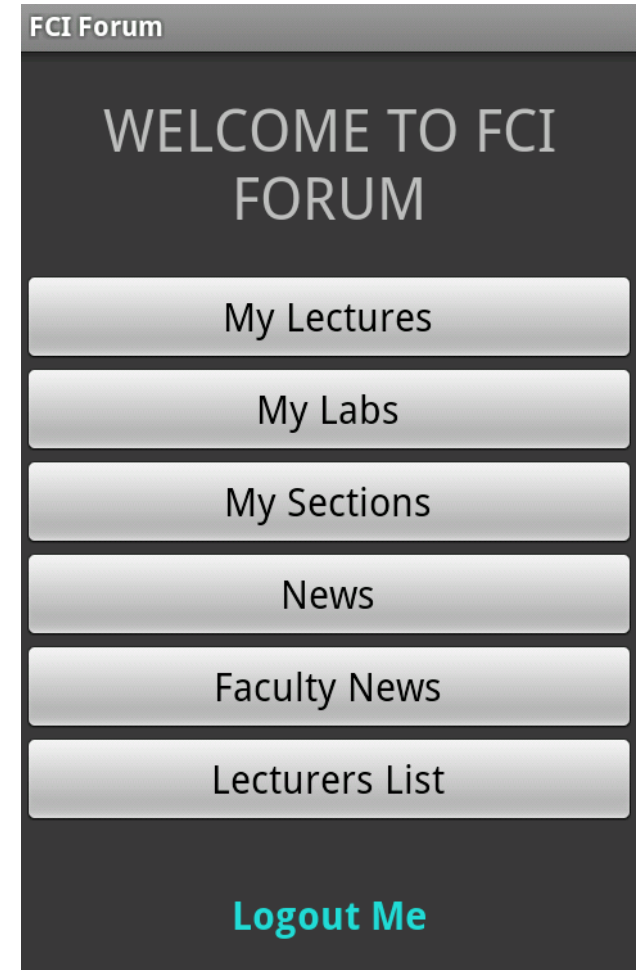
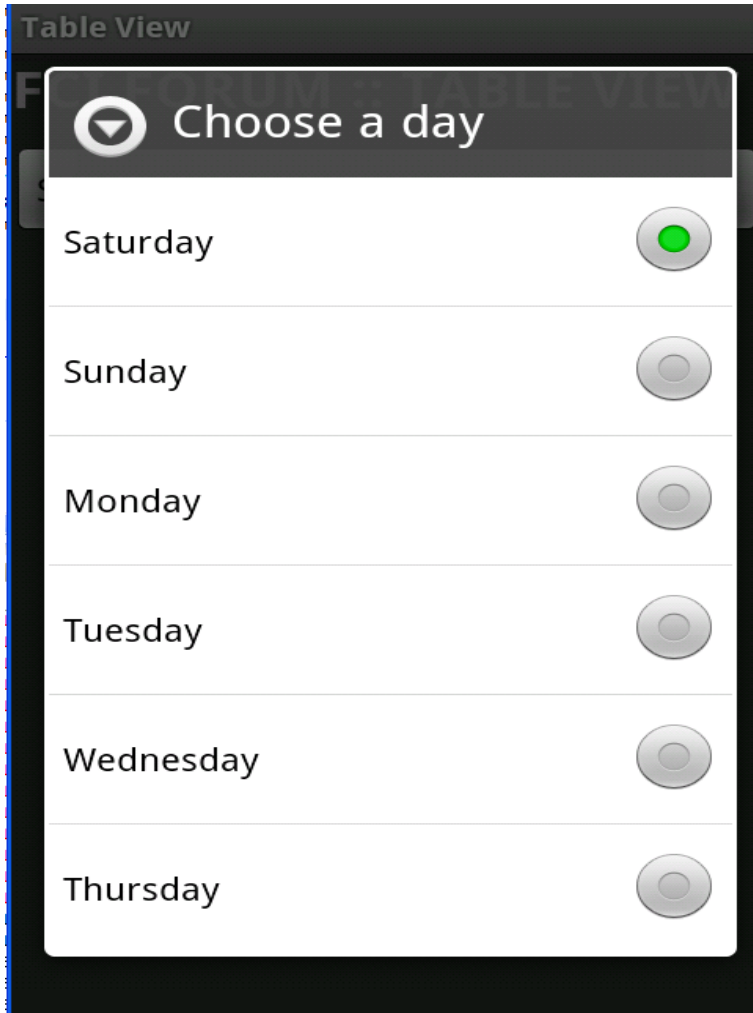
Year

First

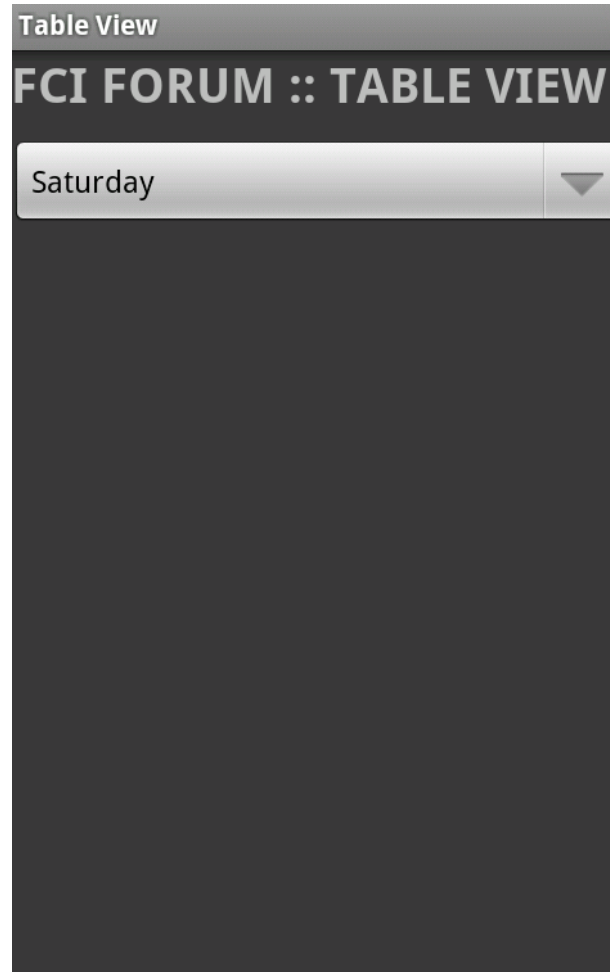
Password

Register

Main Screen



Data Screen



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Future work

You can use the bar code machine for each student by giving IDI each student Isttiah the through record attendance and record Automatic on the main server



Finally

- ✓ We'd Like to thank all people who offered their assistances to produce this work in its final form.
- ✓ *We all offer a great thank to our supervisor “DR: Ebrahim El-henawy” for his huge and decent assistances and due to his open hands that played a very important role in producing the project in this form that helps all people to use it easily and efficiently*