

ECI

Student Guide

2017



supervisor

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Information Technology(IT)

Department

FCI_Student_Guide

Under Supervision of

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2017

Acknowledgment

Team Work

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- Who helped in solving the problems and difficulties that we face and was step by step with us to finish that work

Abstract

With the recent and fast developments in technology, smart phones offer many advanced services rather than making calls, so the number of smart phone users increases day by day. User can install and run many smart phone applications that make life easier or enjoyable.

The main objective of this application

The Remote Desktop Manager platform is composed of multiple applications designed to manage all of your connections and credentials.

Remote Desktop Manager acts like a wrapper and a manager around existing technologies, and uses no proprietary protocols. All communications are established using either an external library or third party software.

Remote Desktop Manager for Android is a window on your system that is actually managed by your desktop software, although the RDP protocol is supported, the main objective of the mobile editions is to allow you to have access to the credentials stored in your data source.

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uses and advantages of touch screen technology. It has been designed for touch screen smartphone, it has been designed for touch screen tablet, it has been designed for touch screen game consoles, digital cameras, regular PCs and other electronics. As of 2013, Android is the largest installed base of all operating systems.

References

As of July 2013, the Google store has had over one million Android applications ("apps") purchased and over 250 billion applications downloaded.

An April–May 2013 survey of application developers found that 71% of them create applications for Android.

Another 2013 survey found that 40% of full-time professional developers see Android as the "primary" target platform, which is more than iOS (37%) or other platforms.

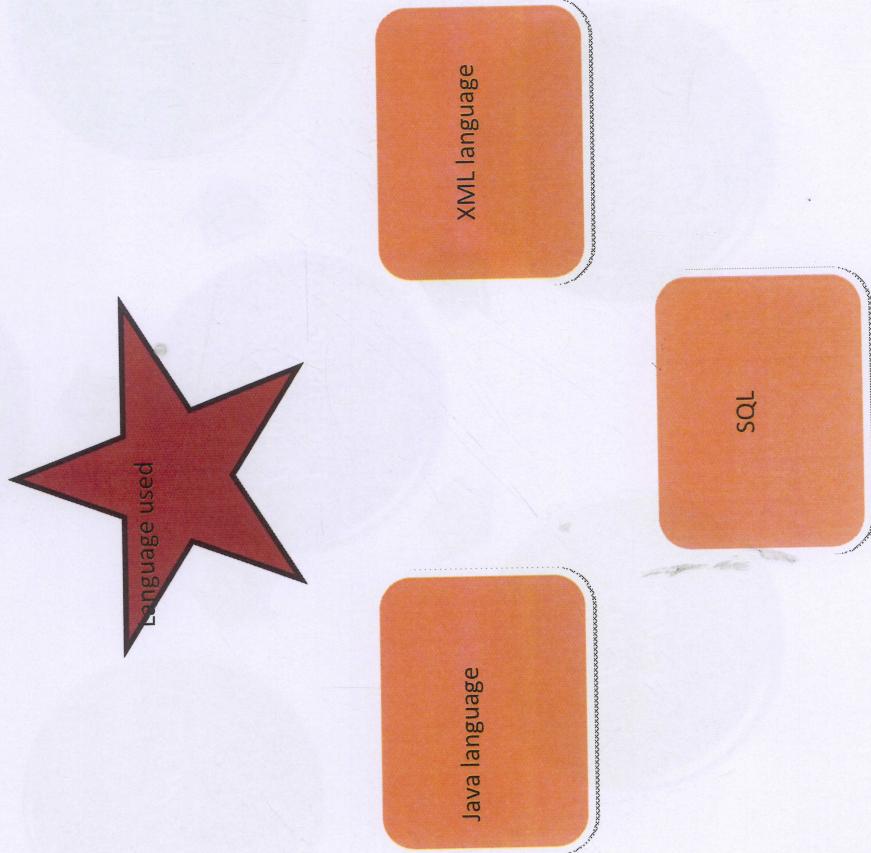
At Google I/O 2014 the company revealed that there were over one billion active monthly Android users, up from 500 million in June 2013.

Android's source code is released by Google under open source license, although most Android devices ultimately ship with a combination of

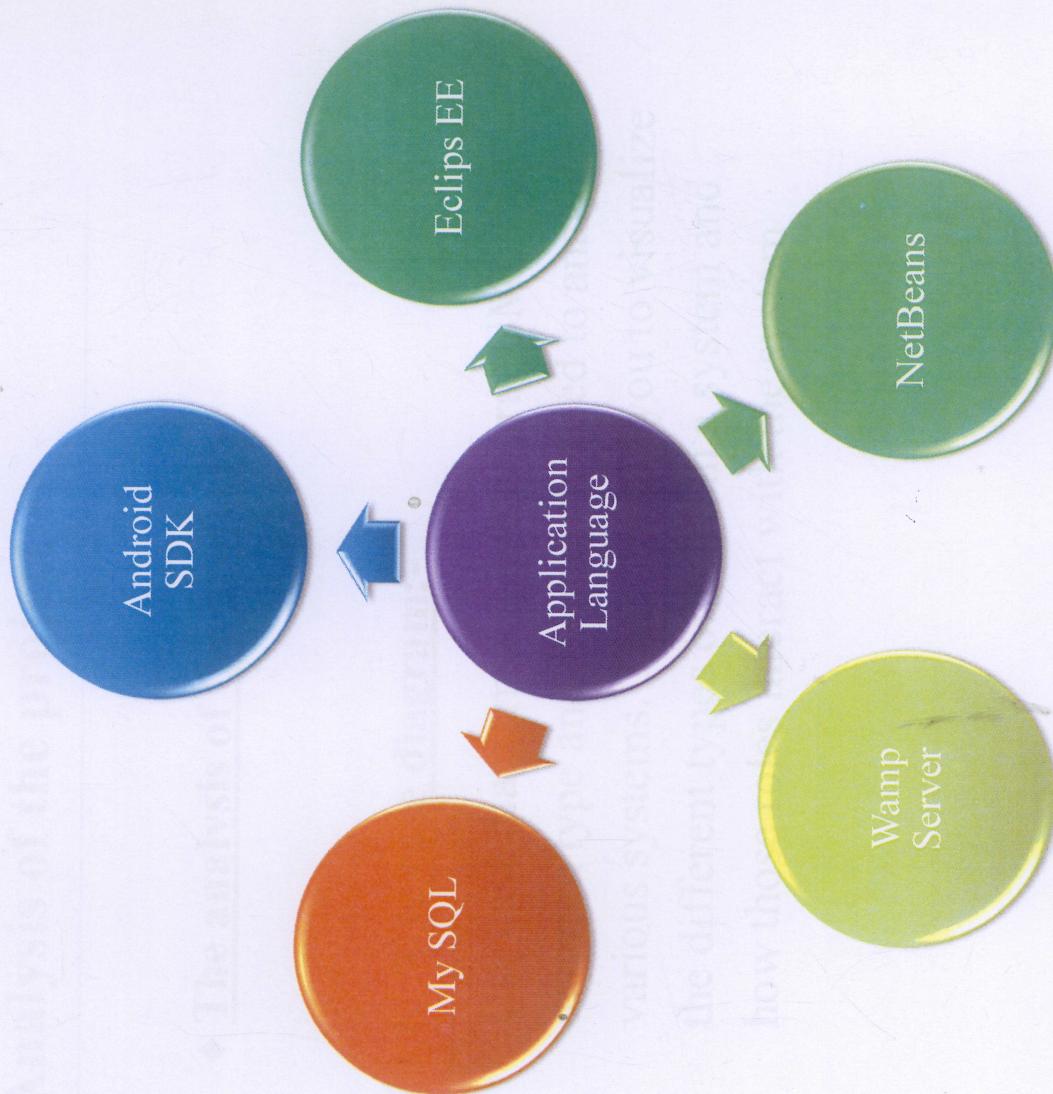
Section 3.2:-

Project requirements

3.2.1. Applications languages and API's used

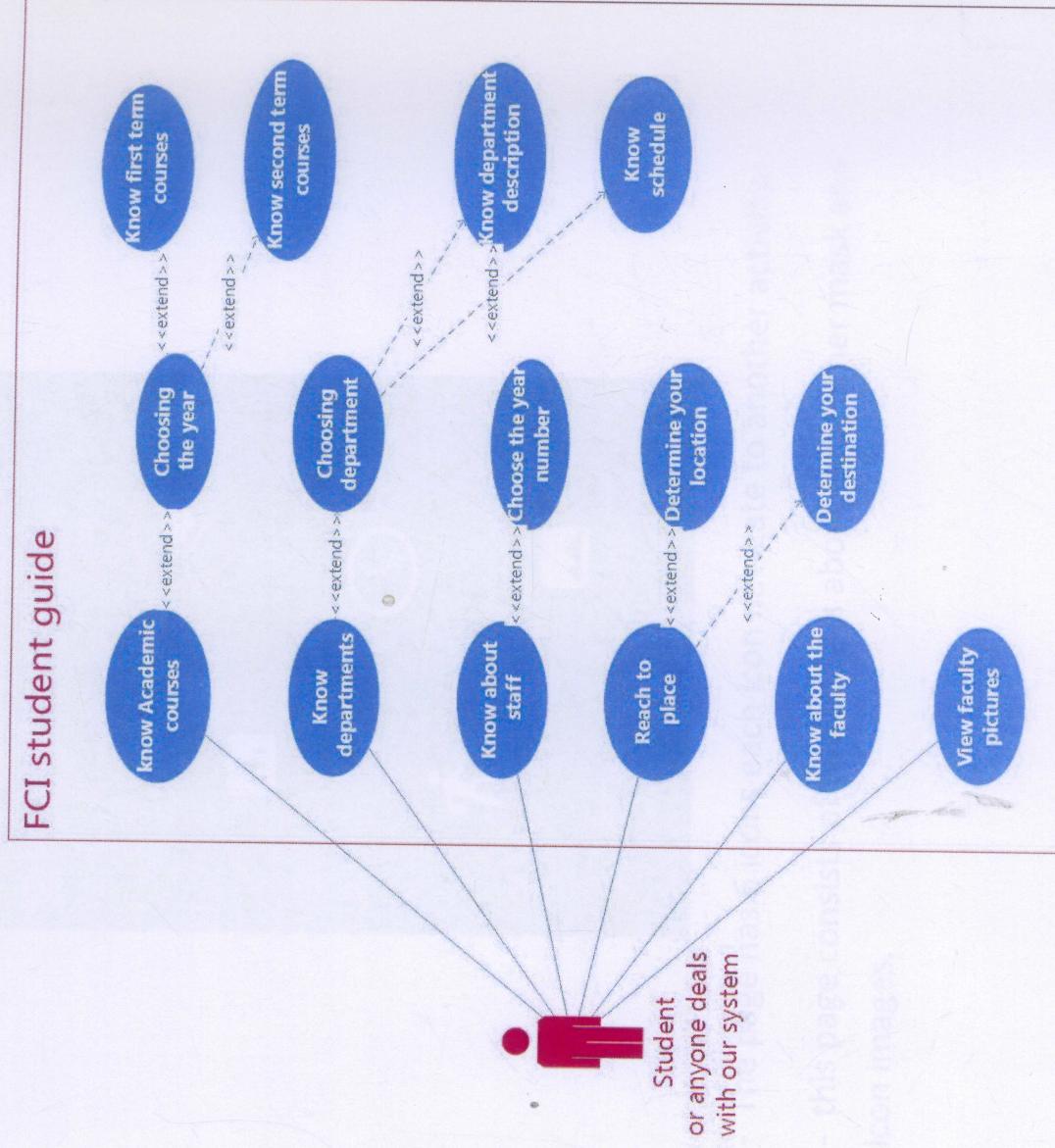


(Figure 2) Applications languages and API's used (1).



(Figure 3) Applications languages and API's used (2).

3.3.4 Simple use case diagram for FCI student guide application



(Figure 4) use case of FCI student guide app

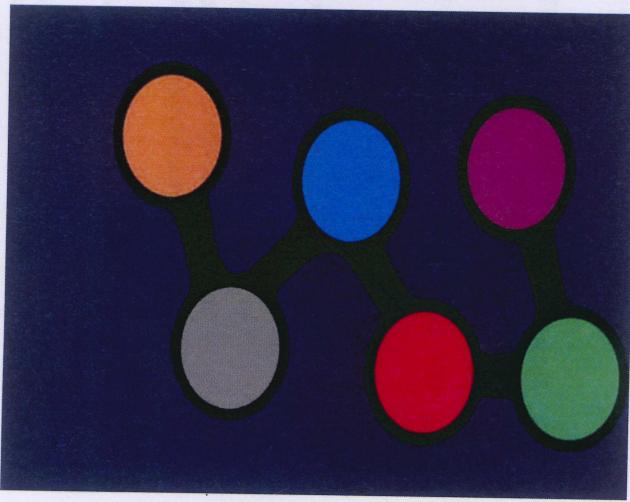
Chapter 4

First page:



- The page has 6 icons each icon navigate to another activity.
- this page consists of two images above each other mask and icon images.

To get color in a defined location we will create a bit map
and get touched color.



Mask



icons

- Icons image is above mask image ,mask image has action on it and with pressing on an icon that appear on the phone ,we get the pressed location and get the color on this location from mask image(that have the action). According to this color we will navigate to another activity.

```
mask = (ImageView) findViewById(R.id.mask);  
mask.setOnTouchListener(this);
```

- To get color in a defined location we will create a bit map and get touched color.

Fourth year IT

← Academic Courses

FIRST TERM	SECOND TERM
Animation	+
Mobile Network	+
Digital signal processing (DSP)	+
Virtual Reality(V R)	+
Selected Topics in Internet technology	+

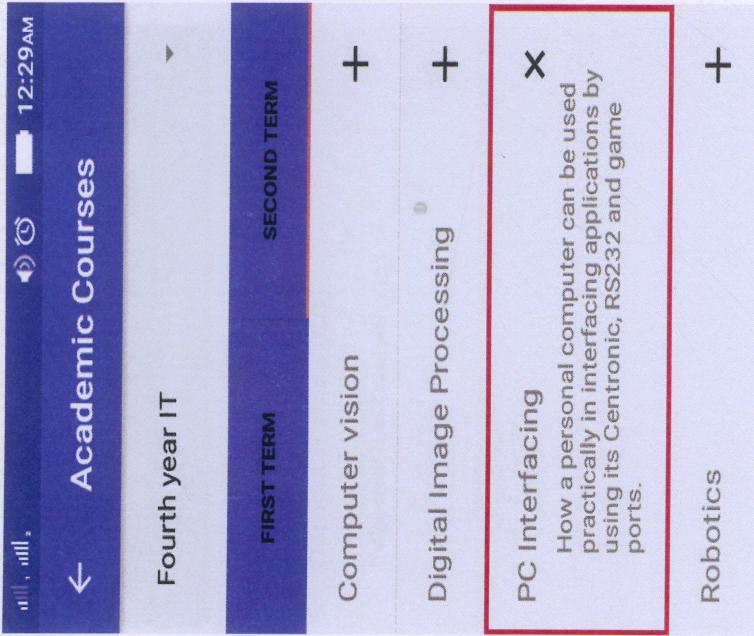
- Choose a year from the spinner ,by pressing on a defined year the content in list view will change according to the chosen year.

coursesSp.setOnItemClickListener(this);

- Press on first and second term buttons to show all courses.
- This data that appear on list view latched from CoursesDataclass that contain Static arrays with all courses.

```
public static final CoursesData[] thSecondTerm = {new CoursesData("Automata theory")\u000Band formal languages", "Price: 5 \u20ac Hot drink"},  
new CoursesData("Multimedia", "Price: 10 \u20ac \n" + " Hot drink"),  
new CoursesData("System analysis and design", "Systems Analysis and Design (SAD) is an exciting, active field in which analysts "+  
"continually learn new techniques and approaches to develop systems more effectively and efficiently()"),  
new CoursesData("Expert systems", "How managers use computerized support in making decisions."),  
new CoursesData("Internet Technologies & Programming", "The discipline of designing and implementing network programs that "+  
"communicate across networks."),  
new CoursesData("Computer simulation", "The process of designing a mathematical or logical model of a real system and then "+  
"conduct computer-based experiments with the model to describe, explain, and predict the behavior of the real system.");
```

- By pressing on the plus button on the right hand side, a description for the course will appear, press again the description disappear.



```

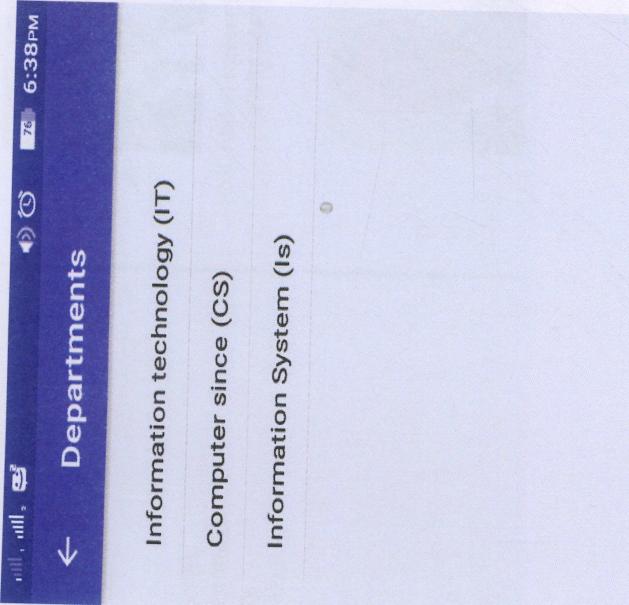
img.setOnClickListener( (v) -> {
    if(!clicked) {
        img.setAnimation(rotateClockwise);
        tv2.setVisibility(View.VISIBLE);
        clicked = true;
    } else {
        img.setAnimation(rotateAntiClockwise);
        tv2.setVisibility(View.GONE);
        clicked = false;
    }
});

```

Detail description can describe the department, provide a short description about it and fields of work and study and also provide description about department staff.

Departmentsactivity:

- This page has a list view that contain 3 icons for departments, with pressing on any icon will navigate to DeptDescription activity.



```
deptList = (ListView) findViewById(R.id.depts);
deptList.setAdapter(adapter);
Intent intent = new Intent(Departments.this ,DeptDescription.class);
intent.putExtra("id" ,position);
startActivity(intent);
```

- DeptDescription class describe the department ,provide a short description about it and fields of work and study ,and also provide description about department staff.

6:38PM 76 6:39PM

Dept description

ABOUT STAFF

Dept description

ABOUT STAFF

Help to prepare students able to use computer technology in many fields as:
1-Multimedia.
2-Network administration.
3-Developing websites.
4-Internet technology.

Fields of work.
1-Developing websites.
2-Network administration.
3-Network security.
4-Multimedia developing.

Prof. Abd-El-Nasser Hussein
Faculty deans



- Each department has two fragments one for dept description and another for dept staff. These fragments replaced on the frame layout placed on tab host and according to the pressed icon in the last activity(it, is, cs) the content of frame layout will change.

Schedule activity:

- This page connect to the server to get its content, if you open it for the first time you will find dialog ask about the year which you in.