**15848485 Leandri Kleyn Application “Types” Assignment 9 Feb 2012**

**Types of Applications**

1. **Web applications (Django)**

What is a web application?

A web application is a self-contained sub tree of the website1. You must write a web application to provide a website. It uses Servlets, Filters and JSP and any other java code to provide responses to client’s HTTP requests. Each web application is stored on and runs from the web server. It has a unique name and path or URL for ex. <http://server/webapp-name>. Scripts are coded to use for web applications.

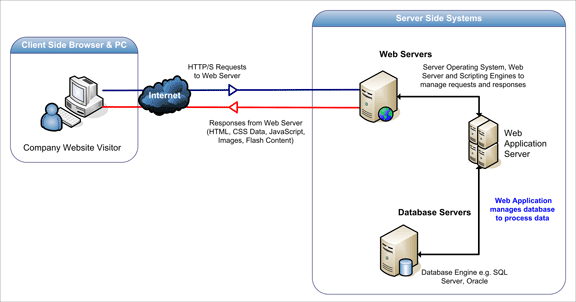
When you would use them

You can use it when you are on the internet at your desktop computer or laptop.

Why you would use them

You can use them for web information or for your own personal use. You can use it to find out the weather, to play games, to do networking, to watch sport scores and to keep track of current headlines.

Kyk nog <http://en.wikipedia.org/wiki/Web_application>



Figure

1. **Mobile applications/ Tablet applications (CSharp)**

What is a mobile application?

Mobile apps are almost like Internet applications that run on smartphones, cell phones and other mobile devices. Examples of mobile applications are a mobile-based instant messaging client, Gmail for mobile, Facebook for mobile, a web browser and games. People with an idea for an app start to train themselves to code and create it. The demand for mobile apps is growing each year, and so has the desire for the device to do more tasks to suit busy lifestyles3. They are intended to enhance the features of portable devices.

Software requirements would be:

* Target mobile devices
* Functionality
* Usability
* Software security
* Software performance

When you would use them

Mobile apps are designed to educate, entertain or assist consumers in their daily lives.

Why you would use them

Mobile applications help users by connecting them to internet service which is accessed on desktop computers.

1. **Server applications (no GUI)**

What is a server application?

When you would use them

Why you would use them

1. **Desktop applications (Utilities, browsers, mail clients (CSharp))**

What is a desktop application?

When you would use them

Why you would use them

1. **Scripts (Python)**

What are scripts?

When you would use them

Why you would use them

**Footnotes**

1<http://www.caucho.com/resin-3.0/webapp/begin.xtp#Example-web-application>

2<http://www.acunetix.com/websitesecurity/web-applications.htm>

3<http://www.ehow.com/facts_6001849_define-mobile-application.html>

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