**Project Class Study.**

**Application Types**

1. Web Application

What is web application?

Web application structure.

Web application sub-Types:

* + - Social networking?

Social networking is the grouping of individuals into specific groups, sharing common interests in hobbies, religion politics, to gather and share first-hand information and experiences and so on. E.g. MySpace, Yahoo! 360, Facebook, Twitter

* + - E-commerce?

may be defined as the application of information and communication technologies to support business activities and consumer services.

1. E-commerce applications allow the consumers buying and selling products or services. eBay
2. E-commerce applications that conduct operations between the businesses are referred to as business-to-business or B2B, or commodity exchange.
3. Online retailers are sometimes known as e-tailers:

Business entities: Bookshops, travel agencies, Publishers, Air Lines, Hotels, Car Rental, etc.

1. Electronic commerce that is conducted between businesses and consumers is referred to as business-to-consumer or B2C where the buyer is directly online to the seller via the internet and there is no intermediary (agent) service.

Online shopping, such as Amazon.com or [eBay.com](http://ebay.com), allows the sale and purchase transactions between three parties: vendors (sellers)-intermediary-consumers

Some common Web application components:

* [Email](http://email)
* [Enterprise content management](http://management)
* [Instant messaging](http://messaging)
* [Newsgroups](http://newsgroups)
* [Online shopping](http://shopping) and order tracking
* [Online banking](http://banking)
* [Online office suites](http://suite)
* Domestic and international [payment systems](http://system)
* [Shopping cart software](http://software)
* [Teleconferencing](http://teleconferencing)
* [Electronic tickets](http://ticket)
* Hosting
* Search
* Content Sharing
* Integration with other (WEB) applications (OPEN ID Interface)
* Privacy, safety and security management

2. ERP: Enterprise Resource Planning

CRM (Customer Relation Management), Order Management, Financials, Manufacturing, Contract Management, HR, Corporate BI/WH (Business Intelligence and Analytics)

3. SaaS - Software as a Service vs. ERP

**http://www.elementool.com/**

4. Non Web Applications:

* + Shrink wrap: Of shelf – Games, Microsoft Office, Intuit
	+ Firmware (HW embedded),
	+ Technology applications (compilers, DB and Reporting agents)
	+ Database (data warehouse – ETL)

5. Mobile

* + Native mobile application
	+ Mobile WEB application
	+ Hybrid mobile app



**What is the difference between a native and a Mobile Web app?**

**A native mobile app** is specifically designed and implemented to run on a device’s operating system and machine firmware, and typically needs to be adapted for different devices.

- xCode/Objective-C for iOS,

- Eclipse/Java for Android,

- Visual Studio/C# for Windows Phone.

**A Mobile Web app, or browser application**, is one in which all or some parts of the software are downloaded from the Web each time it is run. It can usually be accessed from all Web-capable mobile devices

 - Eclips

 - Visual Studio/C# for Windows Phone.

 That means you must duplicate them using the appropriate programming language in order to target another mobile platform.

Nearly all games are native app.