CS 455

Web 2.0:- Social media is considered as web 2.0 as user without any programming knowledge can provide content.

Web 3.0:- Refers to symantics.

\*\*\*\*\*\*\*\*\*\*\*

**Web 1.0:-**

Three fundamentals of Internet

\* **Packets switching**

Father of Internet:- Leonard kleinrocks, MIT' 62

Organization intrested in it was ARPANET. And then they made interface message(IMP).First message sent across the internet was "lo".

\***TCP/IP**:- was developed by Vint Cerf and Bob kahn.

\***Client/Server Architecture**: - It was created at Xerox PARC. They created GUI. Also created mouse, X windows.

Cookie has opaque file handle.

HTTP(hypertext transfer protocol)

Web Browser:- Marc Andreessen developed Netscape(age 22)

Dougherty and O’ Reilly started 0th WWW Con’93

* Cookies:- MCI Mall created Browser Cookies.

**Extreme Programming**

* Four variables:- 1) Scope(feature functionality), Resources(cost, Budget),Schedule(time), Quality(Priority)

People really want is a high quality system that implements everything they want, at no cost right now. Everything is a tradeoff.

Four Values:-

* Communication
* Simplicity
* Feedback
* Courage

Four Activities

* Coding
* Testing
* Listening
* Designing

**When you can think of any tests to write that might break you are completely done.**

**Practices**

* The planning game
* Small Releases
* Metaphor
* Simple Design
* Testing
* Refactoring
* Pair Programming
* Collective Ownership
* Continuous Integration
* 40-hour week
* On-site Customer
* Coding standards.

[**SME:-** Subject Matter Expert](https://trainingindustry.com/glossary/subject-matter-expert-sme/)