

- Web 1.0

This was Often called “static web”. This was one-way Broadcasting. Data was controlled only by the producers. Consumer could only read and limited user interaction. There were no real time updates. Web site were designed HTML and basic CSS.

- Web 2.0

Data could be exchange two ways between the user and the website. The users became active participant and real time interaction. Web 2.0 focused on Social interactions and collaboration. Users helped each others, communities, knowledge, Sharing. Any user could become content creator blog writer etc. Some examples for web 2.0, facebook, Youtube and Wikipedia. It happened some challenges such as privacy issues, anonymous posting, publish of fake news.

- Web 3.0

Web 3.0 the decentralized, intelligent web. Built on technologies like blockchain, artificial intelligence. This provides more personalized user experience. The users and service providers do not need permission from institution to access or interact with them. Can access anyone, anytime and from any location. web 3.0 has better security because data isn't stored on a single server. Web 3.0 allow the machines to understand and interpret the meaning of data on internet.

Main difference I understand is,

Web1.0 - Consumer can read only

Web 2.0- Both can read and write

Web 3.0- Both can write(Accepted as true)
and read, machines can understand
Meaning of data on internet.