

## **Introduction to Internet Application**

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Internet Applications can be described as the type of applications that use the internet for operating successfully, that is, by using the internet for fetching, sharing and displaying the information from the respective server systems. It can be accessed only with the help of the internet facility, and it cannot be functional without the internet. These applications can be classified as electronic devices based, automated digital technology, industrial internet, smartphones based, smart home-based, smart grids, smart city, and other major applications.

### **Services of Internet Application**

Here are some of the internet applications explained below in detail:

- The internet has many few major applications like electronic mail services, web browsing, peer to peer networking. The use of email increases because of its several features like attachments, messages, data usage.
- The attachment feature such as word documents, excel sheets, and graphical media is possible because of Multipurpose Internet Mail Extensions, but the result is traffic volume caused by mail is calibrated in terms of data packets in the network.
- Electronic mail services became a vital part of personal and professional communication method, and its time and cost consuming. The data is transmitted and received securely by encryption. The price of tickets for transport and sport are received in the mail.
- The web browser is a critical application of the internet and is highly commercial dominated by Microsoft and highly influenced by WWW – World Wide Web.
- The web browser is free and available as an open-source model that enriches the minds of future generations. The open-source has been developed and deployed on a modular basis since the source code is accessible only with few usage restrictions. The open-source feature has been integrated to file managers and web browsers.
- Other important applications and potentially needed in Internet application is peer-to-peer networking.

This P2P networking is a dynamic method that is based on the exchanging of physical resources like hard drives, files, processors and other intelligent features.

- Each group of peer to peer networking has equal responsibility and functions. Peer-to-peer applications based on the internet locate the computer at the focus of the

computing matrix based on cross-network protocols like SOAP Simple Object Access Protocol or Remote Procedure Calling XML-**RPC the user** to enter on the Internet more proactively.

## **Top Application of Internet**

Here are the top 8 internet applications listed below

### 1. Smart Home

Smart Home has become the evolutionary ladder in residential and developing as common as smartphones. It is a special feature of Google and now deployed in many areas to make life convenient and user-friendly. The smart home is designed to save time, money and energy.

### 2. Electronic Devices

Electronic devices like wearables are installed with different sensors and software, which gather data and information of the user where data is processed to give required info about the user. The devices mainly used to monitor fitness, entertainment, and health. They mostly work on ultra-low power and available in small sizes.

### 3. Automated Digital Technology

The automated digital technology has concentrated on the optimization of vehicles and their internal functions. the automated car is designed with special features that give a comfort zone to passengers with onboard sensors and internet establishment. Popular companies like Tesla, Apple, BMW, Google is yet to aboard their revolution in the automobile industry by installing excellent features.

### 4. Industrial Internet

The industrial internet is investing in industrial engineering with Artificial intelligence and data analytics to build brilliant machines. The important moto is to build smart machines that are accurate and compatible with a human. It holds vast potential with good quality and reliability. The applications are deployed for tracing the goods to be delivered, real-time data regarding retails and supplies that increase the efficiency of the business's supply chain and productivity.

## 5. Smart City

A smart city is another major implementation of the internet, which is employed for smart surveillance, water distribution, automatic transportation, environment monitoring. People are prone to pollution, improper supplies and shortage of sources, and the installation of traffic sensors solves irregular traffic flow, and the app is developed to report the municipal systems. Citizens can able to diagnose simple malfunctions in meter and can report to the electricity system via electricity board applications or websites, and they can also find available slots for vehicle parking easily in sensor systems.

## 6. Smartphones

Smartphones are also used for retailers and customers to stay connected for their business transactions, even out of the store. They have using Beacon technology to help business people to provide smart service to the client. They can track the products and enhance the store dashboard and deliver premium order before the scheduled date, even in congested traffic areas.

## 7. Smart Grids

The idea applied in smart grids is to gather data in an automated way to analyze the attribute of electricity. Consumers to improve the efficiency and economics of usage. Smart grids can easily detect the power outage and shortage quickly and fix them shortly.