Abstract

In the modern era, computers and laptops have become an inseparable part of our busy life. One of the commonly used devices for data transfers is Universal Serial Bus (USB) flash drives. Due to emerging technology, USB devices are shrinking in size day by day, but not the equipment required to access them. Data transfer using portable devices is the most important factor of today's scenario. Data transfer between two pen drives is generally done using laptops or desktops. But it is not always possible to carry such a large size device to the particular location. So to overcome this problem, a hardware which is more compact to carry anywhere is designed. This paper ensures essential transfer of data which can be monitored by using a web application. Here the transfer of data is done between two pen drives.
without using any computers or laptops. Using this system, the transfer of files can be done from any place in the world. The important criteria is to make sure that the two pen drives which are connected to two of the raspberry pies must be in the same network. This system even requires a good and stable internet for transfer of files.

References


Index Terms

Computer Science  Information Sciences

Keywords

Usb  Scp  Tcp  Gui