CREATE AN HTTP REQUESTS TO COMMUNICATE WITH MOBILEAPP

DATE	14 November 2022
Team ID	PNT2022TMID54363
Project Name	Real – time River Water Quality Monitoring and Control System
Maximum Marks	4 Marks

1. Ensuring direct communication between the browser and the necessary server.

2. Ensuring that the messages exchanged between communicating systems are only accessible by those systems.
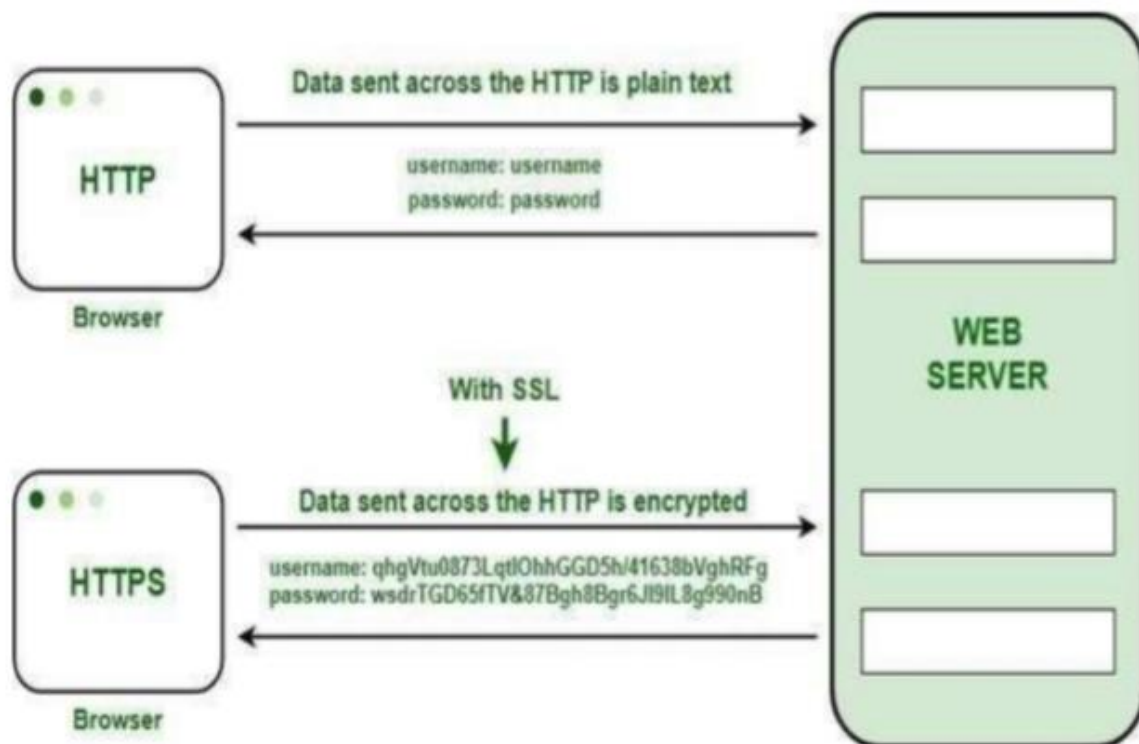
Between the browser and the web server, HTTP transfers data in a hypertext format, whereas HTTPS transfers data in an encrypted format. By preventing information from being broadcast in a way that anyone listening in on the network can easily see, HTTPS safeguards websites from having their information easily seen by others. While travelling between the HTTPS shields the data from being accessed and altered by hackers between the web browser and the web server. Hackers won't be

able to use the transmission even if it is intercepted because the message is encrypted.

1**. Private Key:** The private key is used to decrypt data that has been encrypted using the public key. It resides on the server and is managed by the website's owner. It is personal in character.

2. **Public Key:** It is available to all users who interact with the server and is public in nature and the personal Data that has been encrypted using the public key is decrypted using a key.