

Prototype 3

This prototype uses local storage which is a type of browser Api explicitly utilized for caching data that was put away in the PHP/MYSQL local server which was executed in the past Prototype. It is an exceptionally helpful technique for putting away long-lasting information which gives the alternative of caching up to 5MB of information.

ADVANTAGES:

This technique decreased the workload to PHP. The program depends on the local storage consistently to get the JSON information which can be addressed properly and with much lower idleness when contrasted with if the information were to be recovered from Php/MySQL. Tampering with the database will not affect the performance of this prototype. The data in the local storage is stored in a key and a value pair. This application works even if the internet is not working and this prototype is even more reliable than the previous version.

Disadvantages:

Besides the advantages, there are disadvantages to its method of caching. This method does not allow for the storage of other data types such as pictures. This method still relies on the old data provided by the PHP/MySQL database due to this we cannot get accurate data from this app. We can store data which is up to 5 Mb so storing large data becomes a problem in this prototype. This is the reason the weather data of many places cannot be stored in the local storage so we can only display the weather data in just one place at a time.