**Offline Web application API**

To give the user the experience of the seamless Web browsing, most of the browsers provide the facility of caching. But caching suffers from the following limitations:

Developers do not have any control over the pages to be cached. Hence they cannot cache all the files of any specific application.

It does not provide a reliable way for you to access pages while you are in offline mode (for example, Airplanes).

To overcome the above limitations, HTML5 comes up with the concept of Offline Web application API (AppCache) which provides the following features:

The user can use cloud functions on a mobile device, work offline with a locally deployed application on a local database, and share data with the rest of the cloud when going online again.

AppCache caches only the specified pages that are included in the manifest file and hence it is reliable.

With a higher degree of certainty, it gives the user the control of the way the Web applications should look when offline.