

Platforms compatibility

This is the compatibility list, by features, of the Ushahidi web application:

Feature / Platform	iOS	Android 2.3+	RIM	Windows Mobile	Chrome	Firefox Mobile	Firefox
Local storage	Yes	Yes	?				
GPS coordinates	Yes	Yes	?				
Photo upload	No	Yes	?				
Data Storage	Yes	Yes	Yes	No	Yes	Yes (with ...)	Yes (with ...)

Local Storage

Local Storage is used to store the personal info (Name, Surname, Email) and the Categories of the specific Ushahidi instance. Local storage is supported by all main browsers (mobile or not)

GPS coordinates

Based on HTML5 specifications, if a GPS device is available the webapp. will get the coordinates. When a GPS device is not available the webapp. looks for online for approximate location. Library used: [GeoJS](#)

Photo upload

Not all mobile platforms support such features at the moment. In particular iOS does NOT allow any upload in a webform, Android 2.3 allows the upload but only in Android 3.0 the HTML5 FormData is correctly implemented. FormData is the (right/clean) solution for asynchronous upload. FormData is also supported by Firefox Mobile 4.x and Chrome. All other platforms do not support FormData at the moment. The choice, so far, is to avoid fallbacks/alternative solutions for the browsers/mobile platforms that do not implement image upload and FormData.

Data Storage

For the storage of the main report data the application uses WebSQL. WebSQL is quite well supported, see compatibility table: <http://caniuse.com/sql-storage> Implementation is through PersistenceJS - <http://persistencejs.org>