**How it convert mobile app to web.**

React in its original form is used to build web applications.

Its building blocks consist of HTML5 elements like div and span.

React Native, on the other hand, uses custom APIs like View and Text, which in turn are compiled to mobile OS-specific UI APIs. This difference is (one of the reasons) why we have different codebases for web and native apps.

React Native for Web takes the custom React Native APIs like View and converts them to HTML5 counterparts like div. By just using the React Native APIs, we can build for Android, iOS, and web.

React Native for Web is a compatibility layer between **React DOM** and **React Native**. It can be used in new and existing apps, web-only and multi-platform apps. while React Native is used for mobile development.

React Dom: React Native for Web uses React DOM to accurately render React Native compatible JavaScript code in a web browser.

Reference link: <https://necolas.github.io/react-native-web/docs/>

**Realm Mongo DB for web and windows in Flutter**

Realm Mongo DB does not support Web. This content reference from mongo db official site.

Graphical user interface, text, application, email

Description automatically generated

Reference link:

<https://www.mongodb.com/docs/realm/sdk/flutter/install/#std-label-flutter-install>

**Realm Mongo DB for web and windows in React Native**

Use the same database on iOS, Android, Linux, macOS, or Windows. Just define a schema for each SDK you use.

Realm Mongo DB does not support Web

Graphical user interface, text, application, email

Description automatically generated

Reference DB: <https://www.mongodb.com/docs/realm/sdk/react-native/realm-database/>