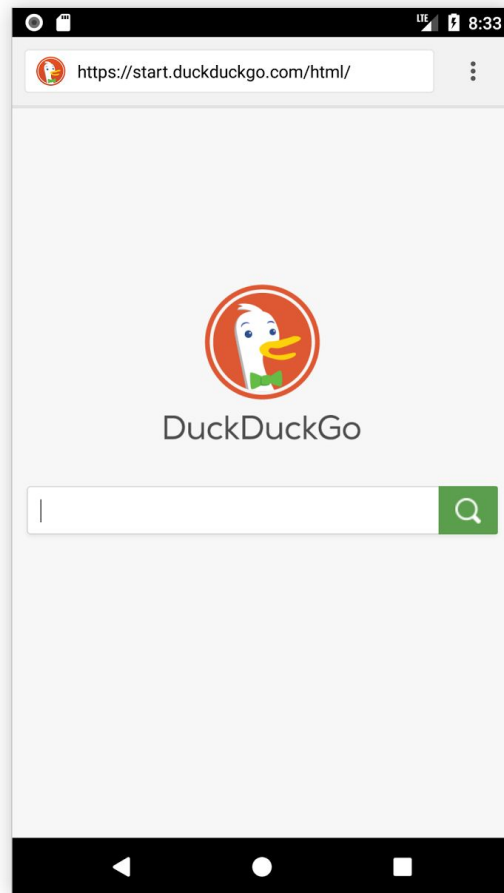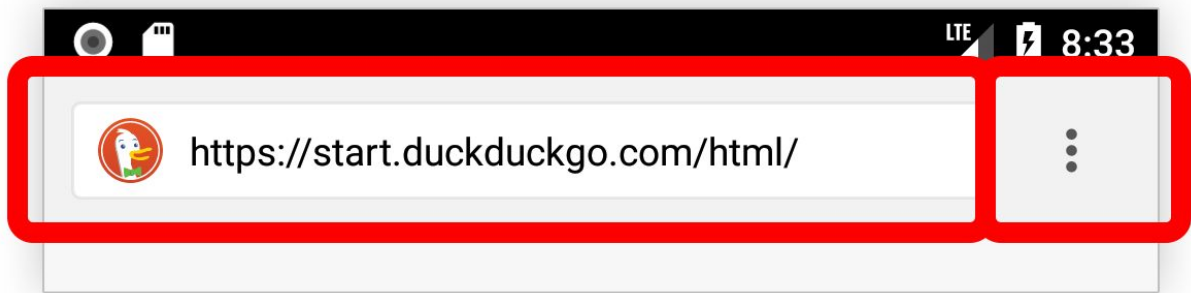# SWEN502

Android Browser Assignment
Samuel Harrison Pappafloratos
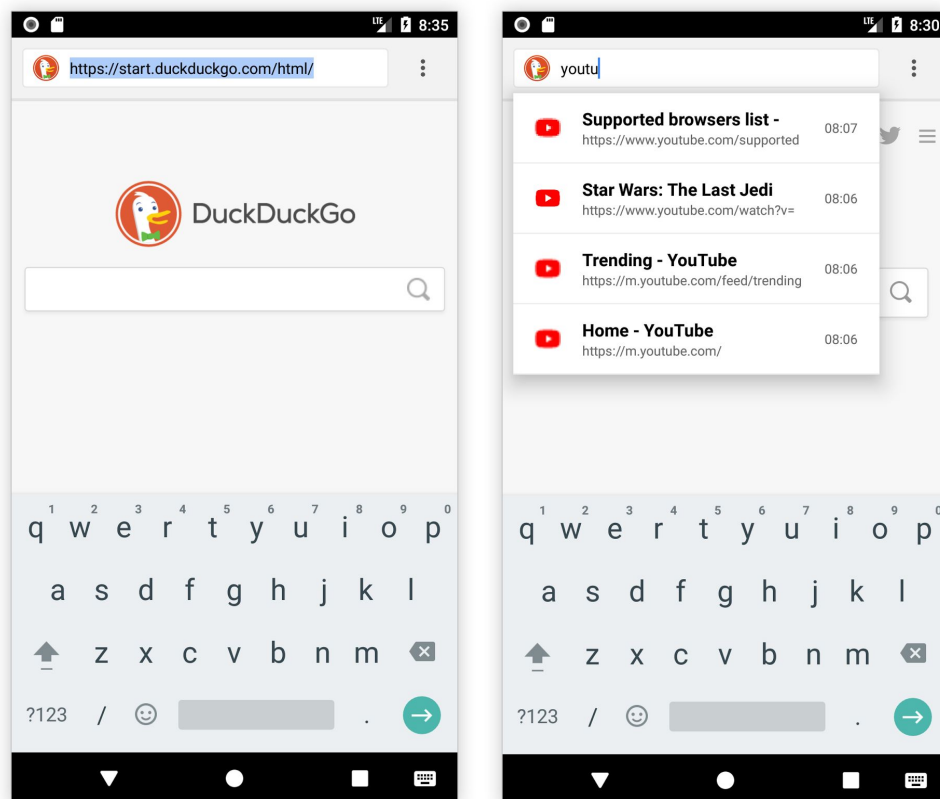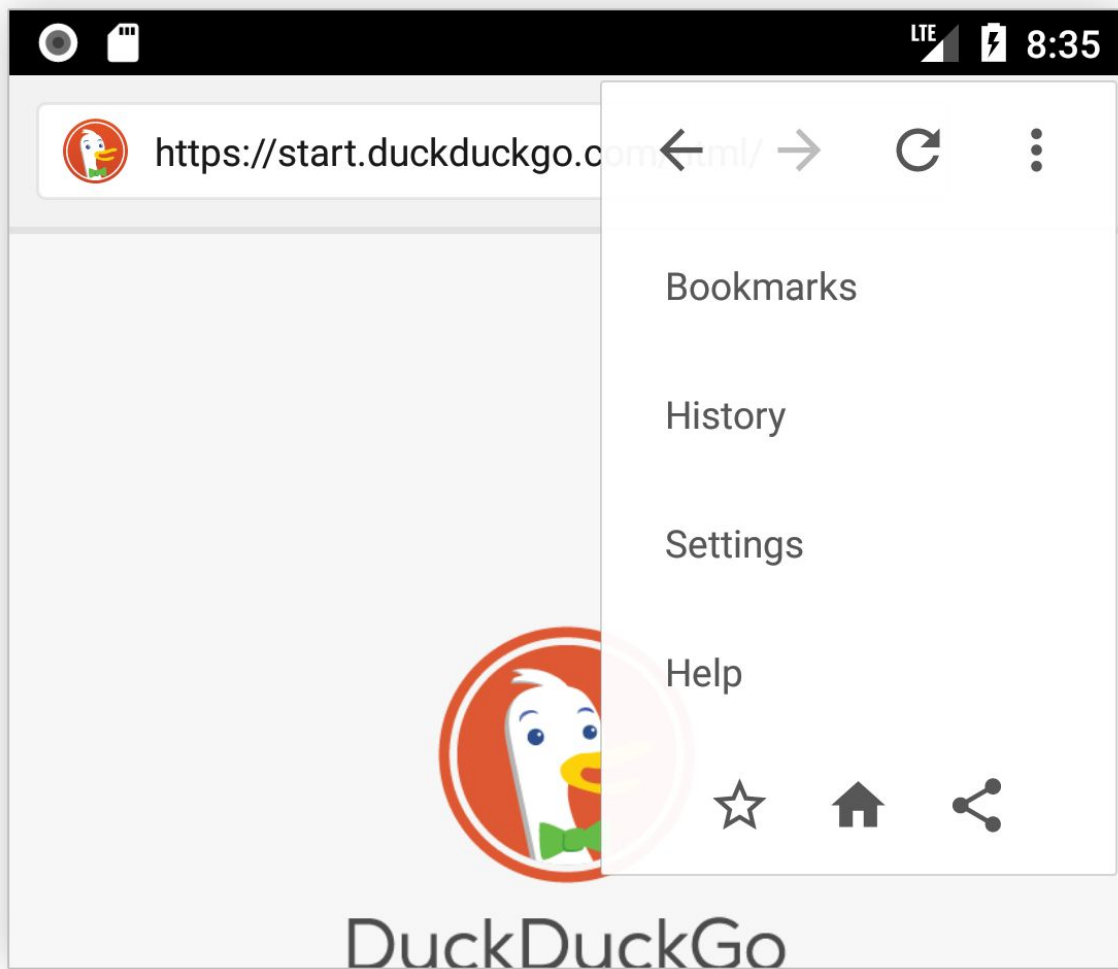## 300235860

The Toolbar

The *Toolbar* consists of two components, the *Omnibox* and the *Menu*.

The Omnibox

The *Omnibox* shows the user the URL of the page they are currently visiting. It allows them to enter a URL of a page they want to visit, as well as *Search* directly using their default search engine. Suggestions are provided based on the user's browsing history.
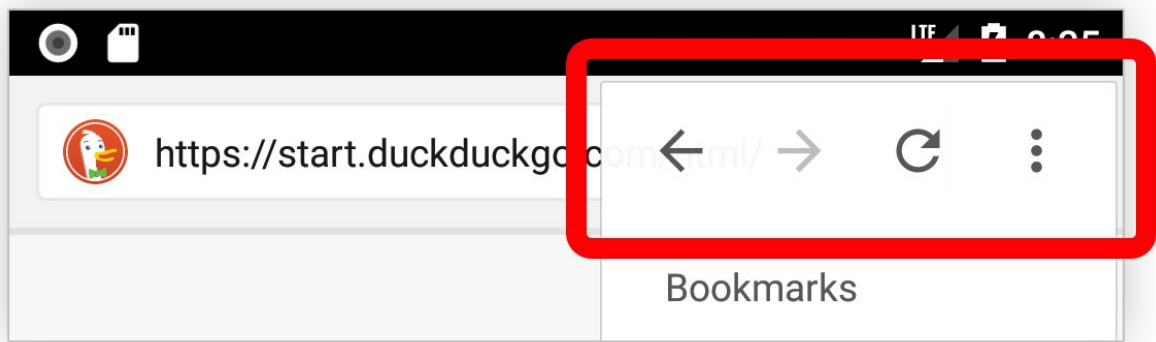
The Menu

The *Menu* is the main way in which the user interacts with the browser. It features all functionalities related to controlling the webview, as well as accessing the browser's features, namely:
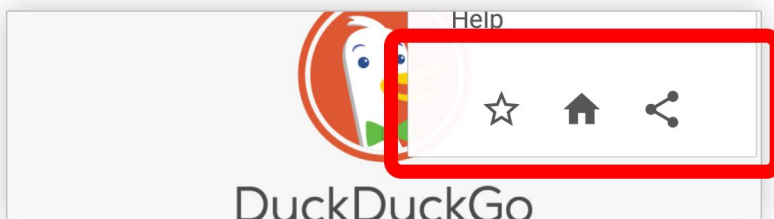
- ➔ Bookmarks
- ➔ History
- ➔ Settings
- ➔ Help

Browser Controls

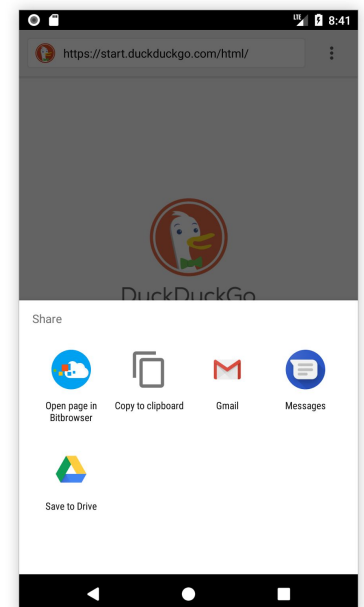The *Controls* allow the user to interact with the *Webview*, namely:

➔ Navigating the page back and forward.
➔ Reloading and stopping the page. (The reload icon changes to a stop icon while the page is loading)
➔ Close the menu by pressing the menu button again.
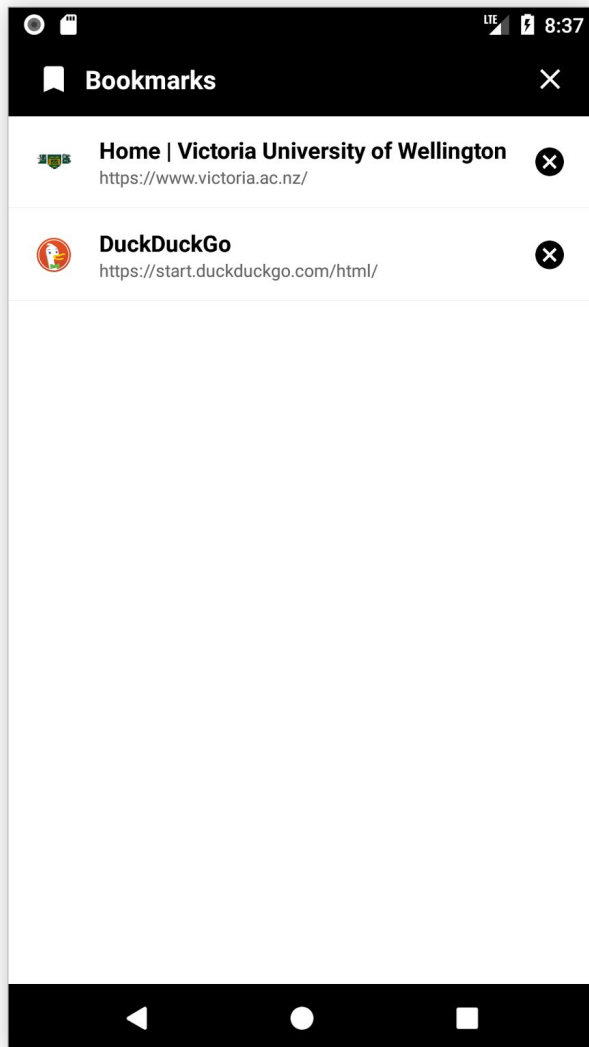

Browser Tools

The *Tools* allow the user to interact with the Browser's features, namely:

➔ Bookmarking the current page. (The icon shows hollow for *unbookmarked* pages, and full for *bookmarked* pages)
➔ Loading the *Homepage.*
➔ *Sharing* the current page.

As well as sharing the page with outgoing apps, the browser can also receive incoming pages shared by other apps.
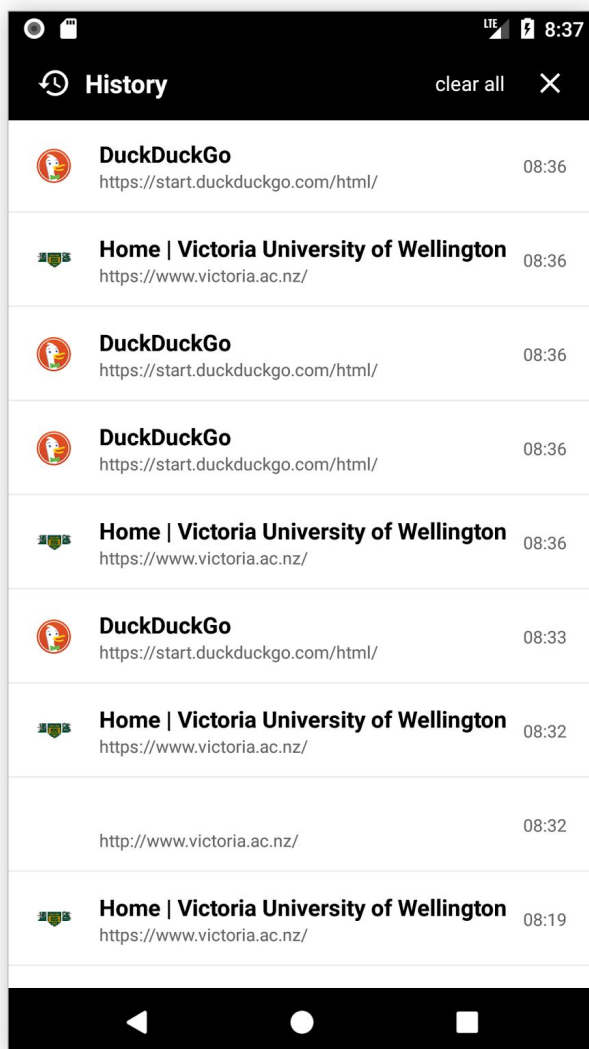
Bookmarks

The *Bookmarks* menu shows pages that the user has saved.

Pressing the white X in the title bar closes the menu and returns the user to the main browser.

Pressing on an entry closes the menu and loads that page in the browser.

Pressing on the circular X next to each entry will remove it from the list.
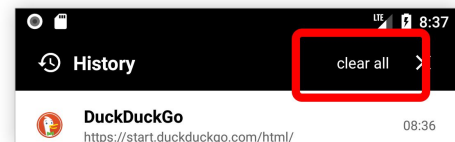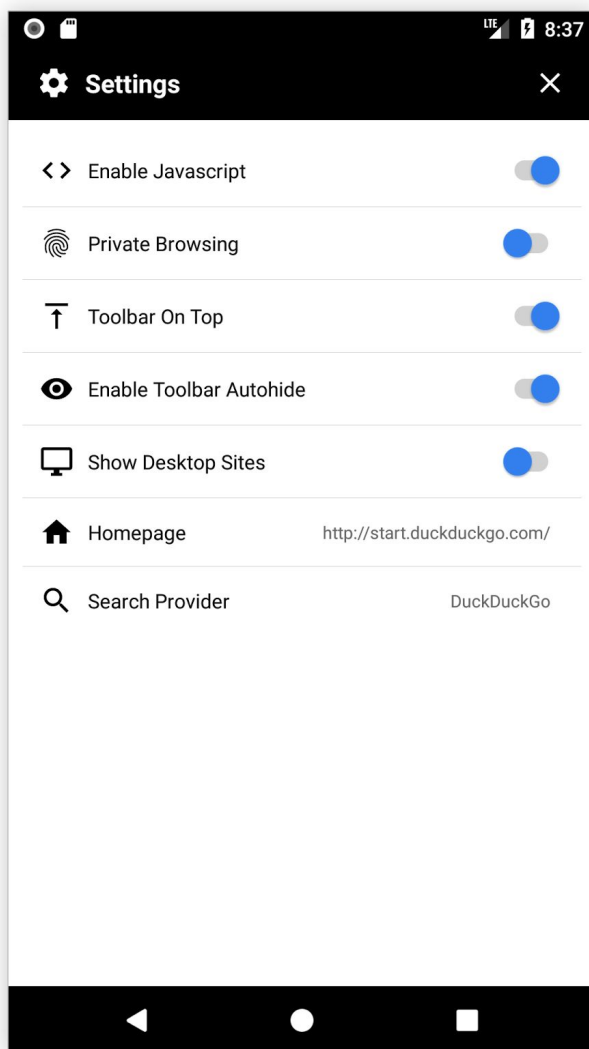
History

The *History* menu shows pages that the user has visited.

Pressing the white X in the title bar closes the menu and returns the user to the main browser.

Pressing on an entry closes the menu and loads that page in the browser.

Pressing on the *clear all* button in the title bar removes all entries from the history.
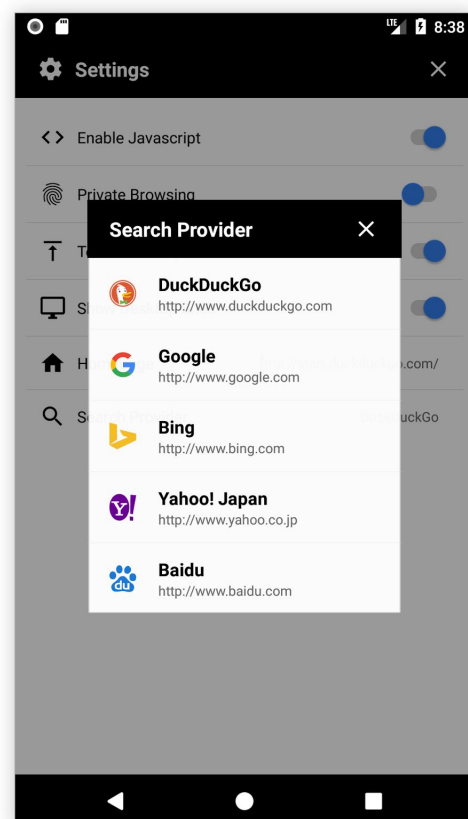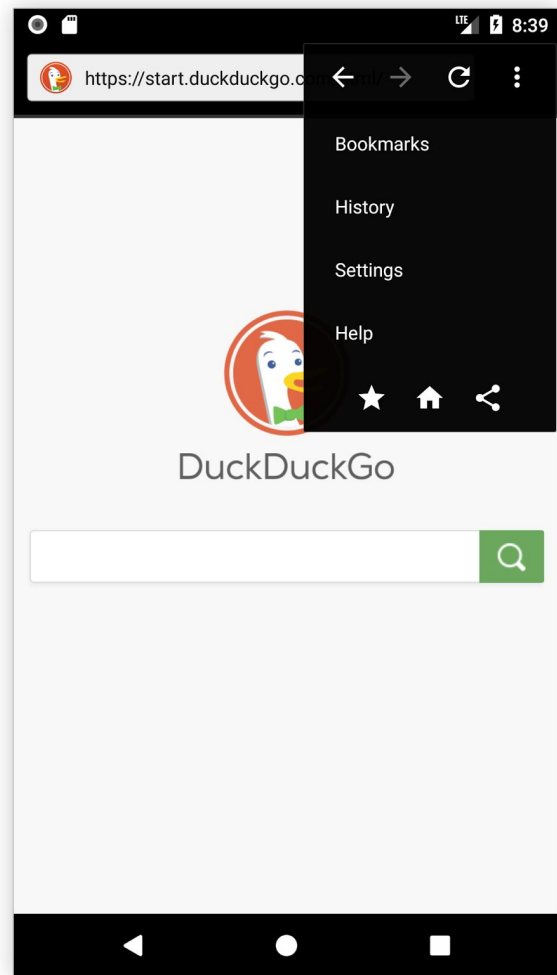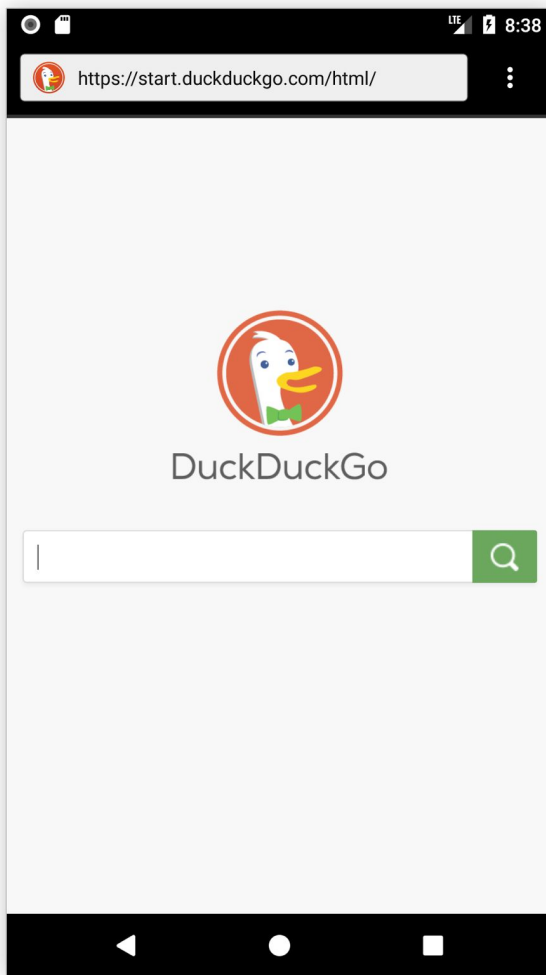
Settings

The *Settings* menu allows the user to change settings within the browser.

Pressing the white X in the title bar closes the menu and returns the user to the main browser.

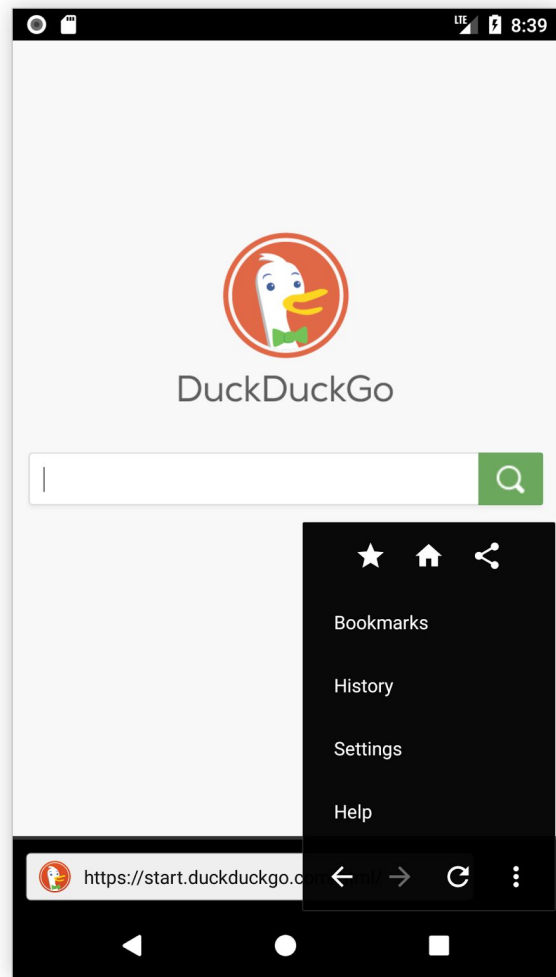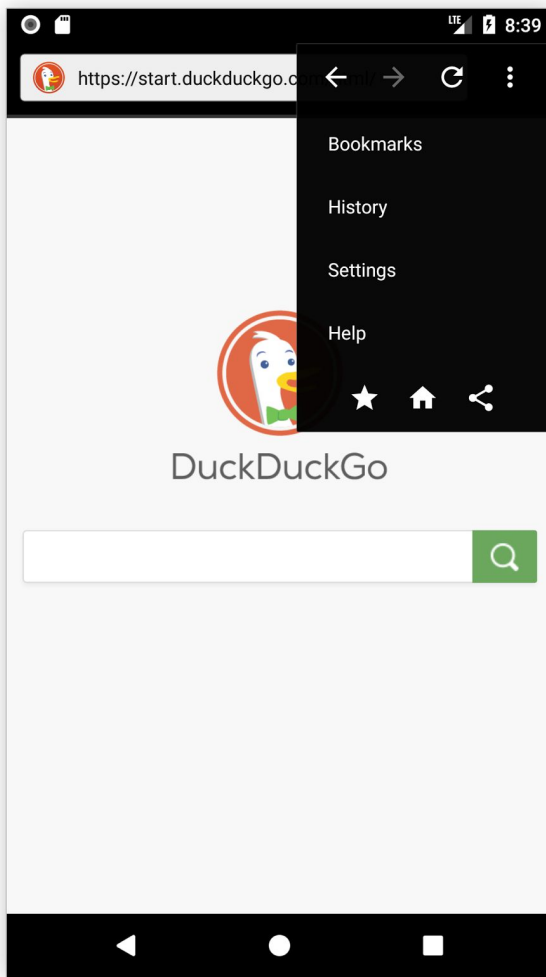Toggling the *Enable Javascript* option allows/disallows web pages to use Javascript functionality.

Toggling *Enable Toolbar Autohide* allows the webpage to go full screen when scrolling down the page to take up all available real estate. The *Toolbar* appears again when the user scrolls up.

Toggling *Show Desktop Sites* changes the user agent to a desktop one to make websites serve the desktop version of their page.

Changing the *Homepage* sets the website that is loaded when the app is launched or when the user presses the *Home* button in the *Tools Menu*.

Pressing the *Search Provider* allows the user to change which search engine is searched by default from the *Toolbar*'s *Omnibox* when the user enters a non-url string.
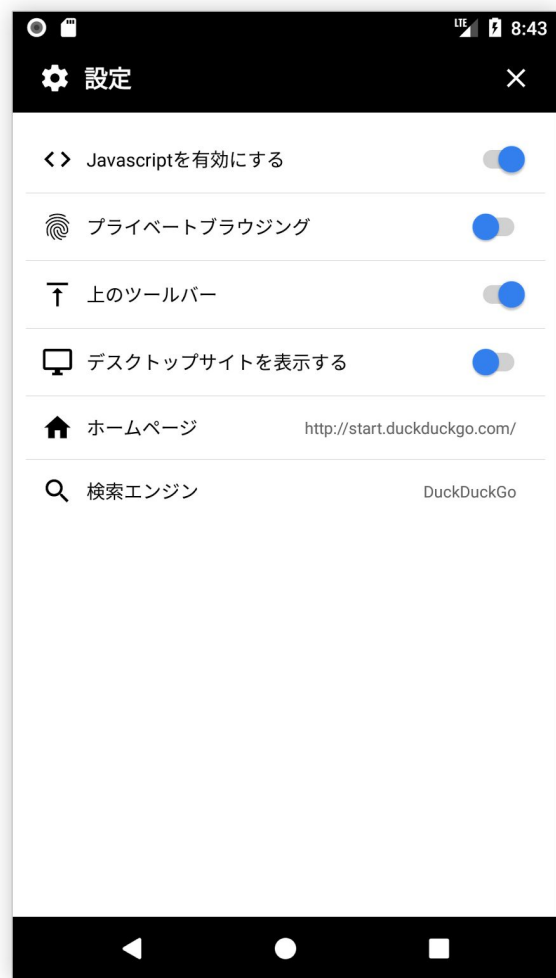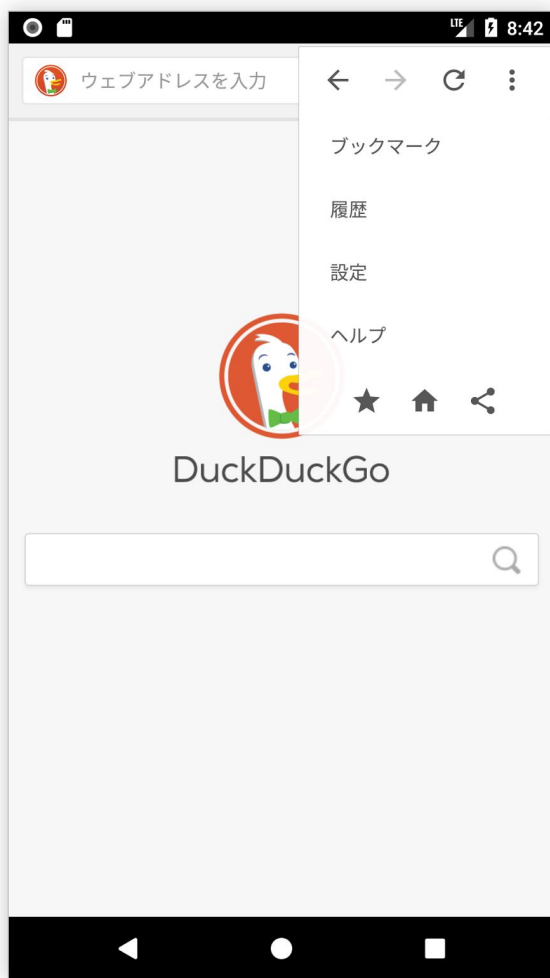
Private Browsing

Private browsing allows the user to comfortably search the web knowing that the browser will not keep a log of the pages visited in the *History*. When private browsing is enabled, the main user interface takes on a black appearance to give a clear and distinct indication of whether this settings is on or off.
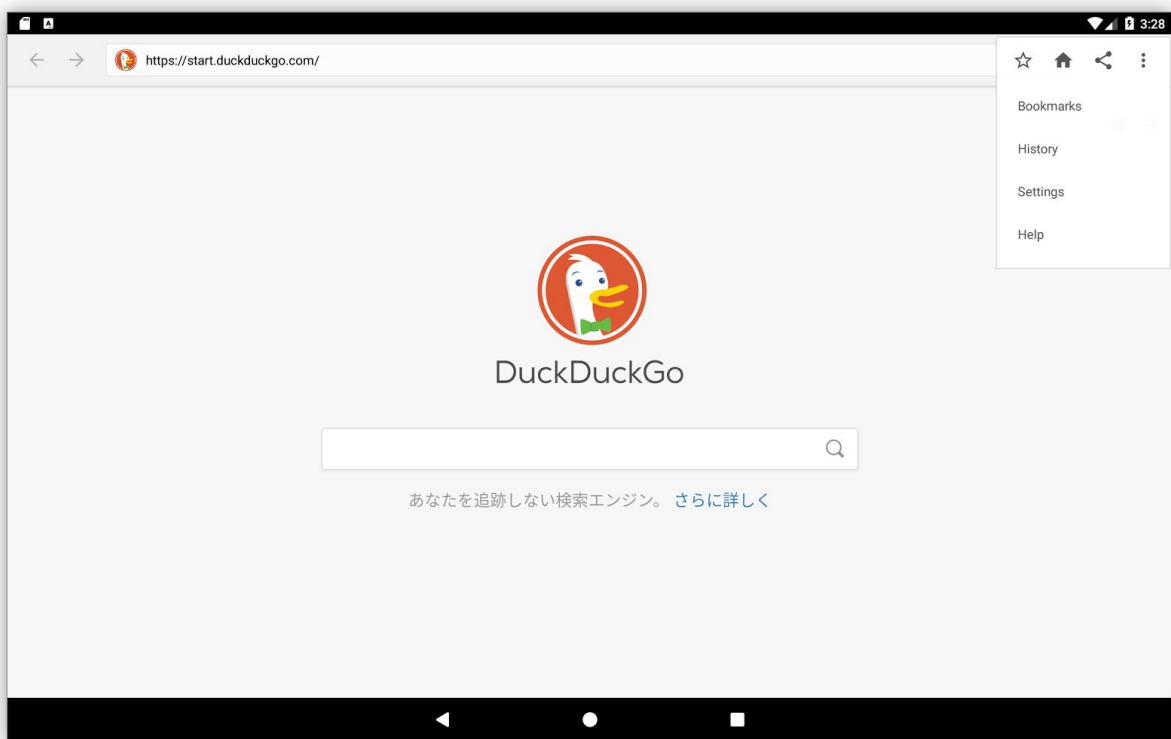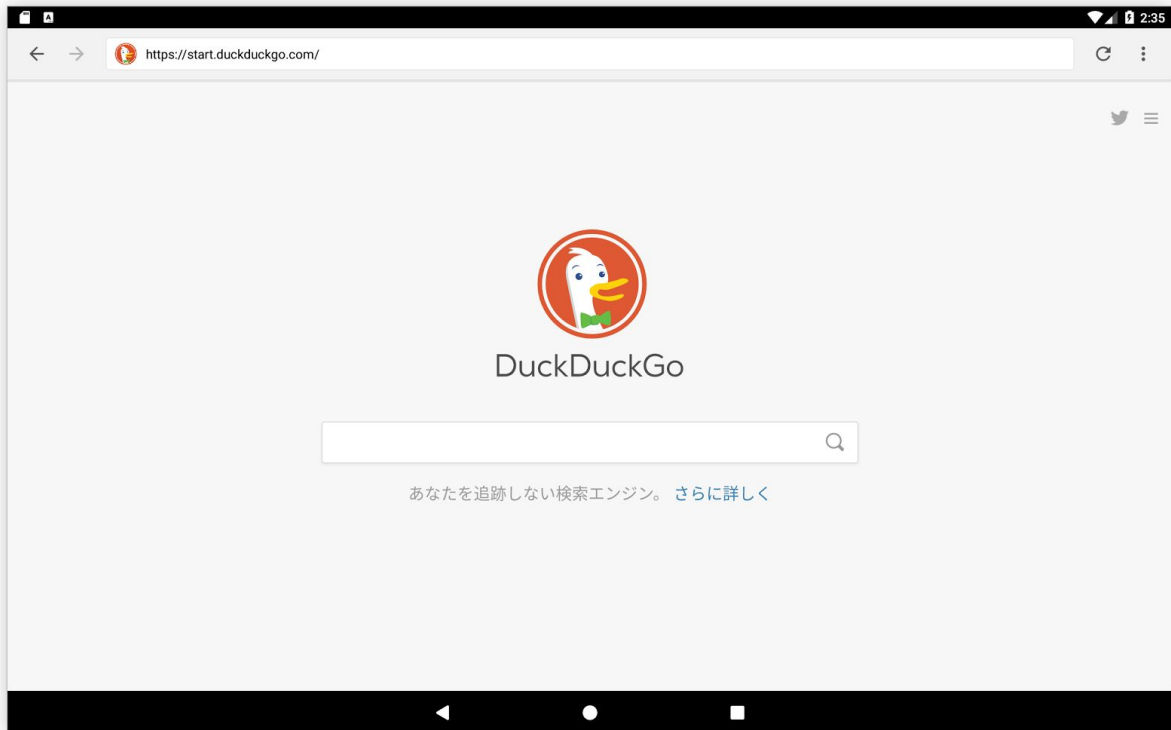
Toolbar on Top

This setting allows the user to move the main *Toolbar* above or below the *Webview*. This is purely a cosmetic change and is functionally the same.

Japanese Language Support

The app also has Japanese language support, if the phone/device has it's display language set to 日本語.

Tablet Support

In tablet mode, the web controls such as back, forward, and reload/stop are moved out of the menu and into toolbar. Additionally, the remaining tools are moved to the top next to the menu button.