

Browser

Interaction Design Specification

Version: 0.4
Revised October 6, 2010 9:54 PM
Created by Mo Selim

Version History

0.1	– Initial release
0.2	– Updated after Sanjiv’s initial review
0.3	– Updated with VD team comments, resized images, various updates
0.4	– Updated design for Google Search Widget, Added Minimization Examples for PD
0.5	– Added Zoom buttons to all scroll views, Added details on Enable Flash to PS settings screen, Added Secure view to Address bar section

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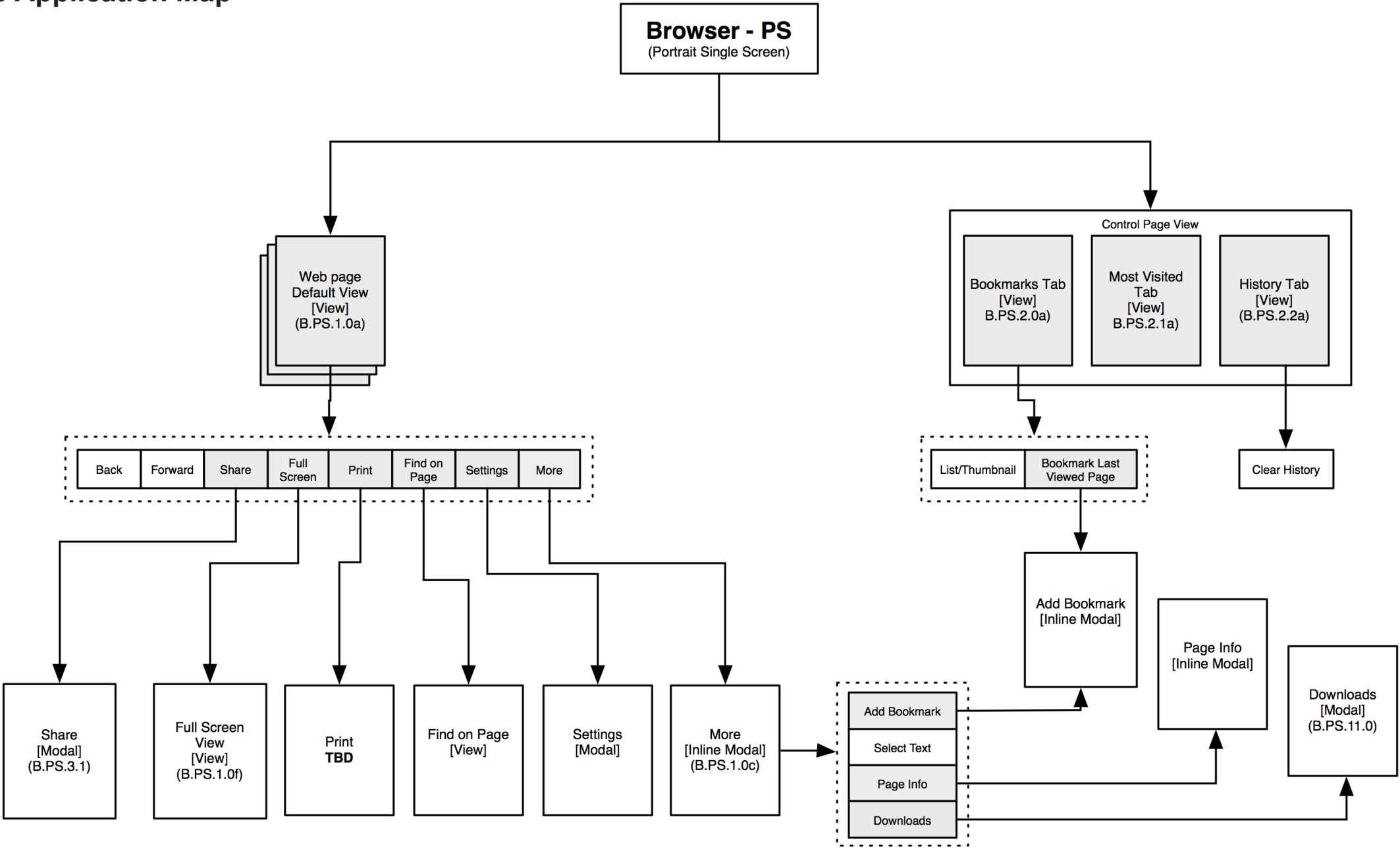
Open issues

- 1. Handling new tabs when the limit of 8 is reached - Initial direction is to disable all new tab functionality (buttons and menu items)
- 2. Google Search Widget Changes - These may be revisited based on development effort required and potential impact to other applications

1 Browser Application Overview

2 Portrait Single

PS Application Map



2.1 Browser Default View

This is the default view of the browser in Portrait Single mode.

B.PS.1.0a_Default

1. Notification Bar
2. Tab Bar
3. Address Bar
4. Browser Canvas
5. Action Bar

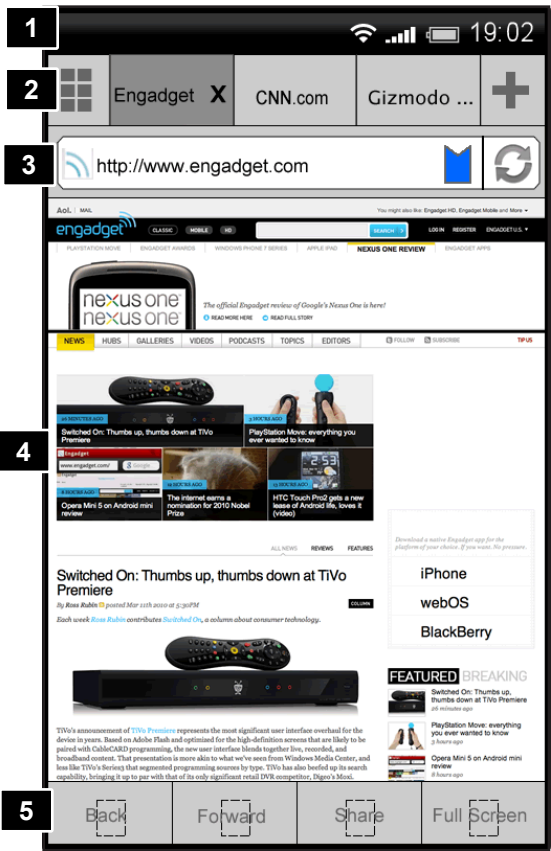
Changes from Android Baseline Default View

The browser default view differs from the Android Baseline in the following areas

Tab Bar

Action bar

There is some variation within the address bar (explained in section “2.2.1 Address Bar” on page 10)



2.2 Browser Components

The browser is designed around the Android Baseline functionality provided in Android 2.2. All existing functionality is supported. Most changes will be limited to the theming of existing components, however some components will require new functionality.

2.2.1 Address Bar

The Address Bar Supports base Android functionality along with some minor enhancements



1	Icon This is the icon of the loaded page. If no icon is specified, then a default icon is shown
2	URL This is the URL of the loaded page
3	Bookmark Icon This icon is shown as solid for URLs that are bookmarked. For non - bookmarked URLs , the icon is shown as an outline. Tapping it will bring up the Add Bookmark modal for a new bookmark and the Edit Bookmark modal for an existing bookmark.

4	Action Button This is the action button region of the address bar. It is context sensitive based on the state of the web page. When a page is loading, a CANCEL icon is shown When a page is fully loaded, a REFRESH icon is shown
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During Page Load



1	Icon The progress spinner is shown while the page is loading
2	URL This is the URL of page being loaded is shown.
3	Bookmark Icon This is not shown in this state
4	Action Button CANCEL tapping this icon will cancel the Load
5	Progress Bar The background of the address bar is used to show the page's load progress

Secure page

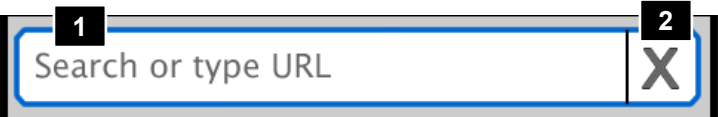


When a secure page is loaded, and additional locked icon (1) will appear in the address bar.

2.2.1.1 Google Search Widget

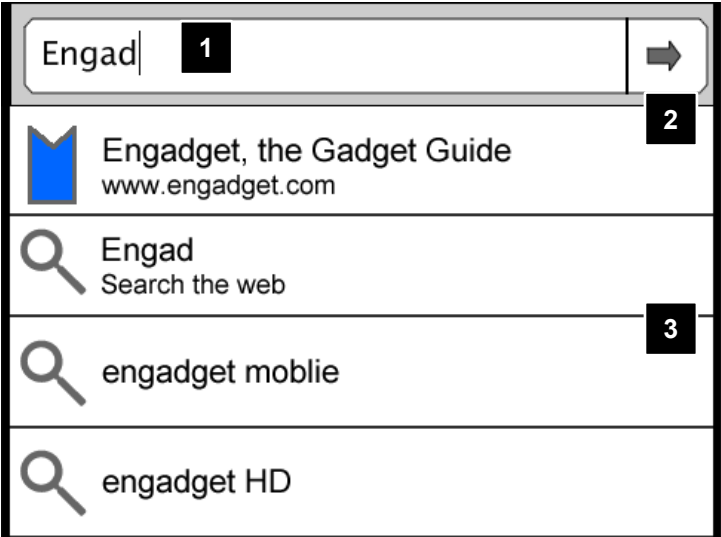
When the address bar is empty the browser enters a special state where a list of the most visited web sites is displayed (or preset list for first use).

This search functionality is provided by the Google search widget. The intent is to make this as seamless as possible with the browser.



1	Search Field This is the entry field that the widget provides. This is part of the default Google widget
2	Exit Button Tapping exit will dismiss the search widget by the same action as pressing the hardware back button. This Button is NEW functionality.

During Text Entry



During text entry the Address bar provide standard Android Search functionality (shown in section”2.3 Browser Search View” on page 15)

1	Search Field Text entry field. Default Google Functionality
2	Action Button GO - tapping the go icon will dismiss the search widget and the browser will navigate to the URL entered . Default Google Functionality
3	Search Results These results are provided by the Google Search Widget. Default Google Functionality

2.2.2 Tab Bar

The Tab bar provides a quick method to access multiple web pages. This method replaces the “Pages” method in the default android browser.

As in Android, the limit on open web pages is 8.



1	Control Panel Button This button takes the user to the Control Panel page
2	Active Tab The selected tab will be visually differentiated from the other tabs. It will also have a Close Icon that closes the tab
3	Non Active tabs Tabs that are not selected will have a uniform appearance.
4	New Tab Button This button creates a new tab. The browser supports up to open tabs. This button disables when 8 tabs are open.

New Tab

When a new tab is selected (or the browser first started) the tab is shown with the text “New Tab”

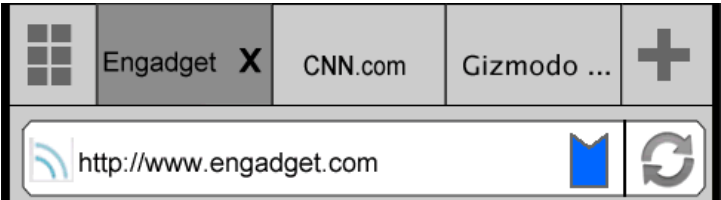
If only one tab is open and the close icon is pressed, the application is exited..



When page loading begins the tab text is updated to show the web sites title. If the title does not fit in the available space, the “...” suffix is used



Active Tab



The active tab is the only tab with a close icon.

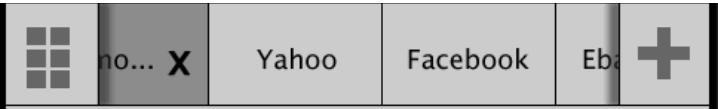


Tapping the active tab will cause the active page to scroll back to the top.

2.2.2.1 Tab Scrolling

When the number of tabs open require more space than is avail-

able on a page, the tab bar can be scrolled to access the additional tabs.



1	Control Panel Button This button is fixed and does not scroll. When any tabs have been scrolled past it, there must be a visual indicator present. In the above diagram a drop shadow is shown. This style is TBD
2	New Tab Button This button is fixed and does not scroll. When any tabs have been scrolled past it, there must be a visual indicator present. In the above diagram a drop shadow is shown. This style is TBD

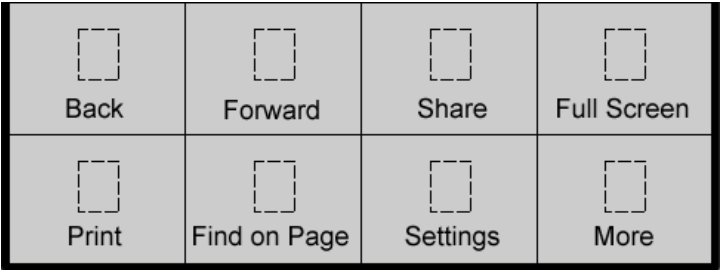
When the active tab is scrolled off screen, any interaction with the active web page will cause the active tab to scroll back into view.

2.2.3 Action Bar

.The Action Bar provides access to persistent commonly used functionality.



Upon pressing the hardware menu button, the action bar slides up to reveal primary labels as well as any secondary functionality that may be present.



Any subsequent action will return the Action bar to it’s minimal state

Most of the functionality on the Action Bar can be mapped to existing Android functions

Back	Navigates back to the previous page. If there is no page the button is disabled Behaves as baseline Android Back button
Forward	Navigates forward to the next page. If there is no next page the button is disabled Behaves as baseline Menu item
Share	Opens a skinned version of the baseline Android Share Page modal Same as baseline More Menu Item

Full Screen	Toggles Full Screen web browsing NEW functionality
Print	TBD NEW functionality
Find on Page	Brings up the Find bar Same as baseline More Menu Item
Settings	Brings up Browser Settings full screen modal Same as baseline More Menu Item
More	Brings up More menu Behaves as baseline Menu item

2.2.4 Long Press Menus

2.2.4.1 Image

This modal appears when long pressing an image.

B.PS.1.0a_M2_Default_LongPressImage



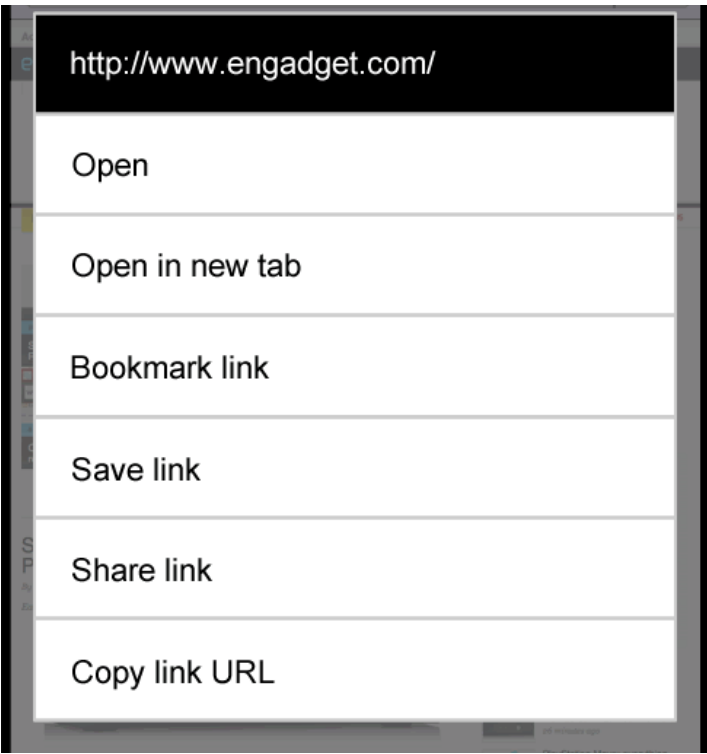
This long press modal is included as part of the base functionality of Android. .

Save Image	Same as baseline Android
View Image	Opens the image’s URL location. Same as baseline Android
Set as wallpaper	Same as Android. This may require some additional work to fit all screens. This would fall outside of the Browser application but may require a modified reference.

2.2.4.2 URL

This modal appears when long pressing a hyperlink.

B.PS.1.0a.M3_Default_LongPressURL



This long press modal is included as part of the base functionality of Android. .

Open	This action opens the URL in the current tab
Open in new tab	This action opens the URL in a new tab. The new tab becomes the selected tab
Bookmark link	Opens a skinned version of the baseline Android Add Bookmark modal See “2.13.3 Add Bookmark” on page 29

Save link	Copies URL to clipboard. Same as Android baseline
Share link	Opens a skinned version of the baseline Android Share link modal
Copy link URL	Same as Android baseline

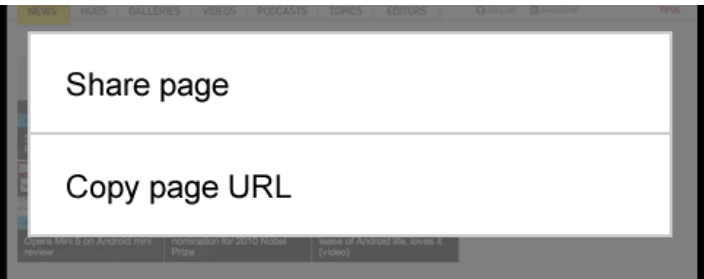
Variation- Image with an Embedded URL

This will provide a combined menu as in the Android baseline..

2.2.4.3 Address Bar

This modal appears when long pressing the Address bar.

B.PS.1.0.a.M1_Default_LongPressAddressBar



This long press modal is included as part of the base functionality of Android. .

Share Page	This action follows the default Android rules and will show the appropriate Share modal. As per Android, if only Text sharing is possible, the Share Modal will be bypassed and a new text message with the URL as content will be provided.
Copy page URL	Copies URL to clipboard as per default Android.

2.3 Browser Search View

This is the default view upon pressing the menu button to extend the action bar and reveal additional functions.

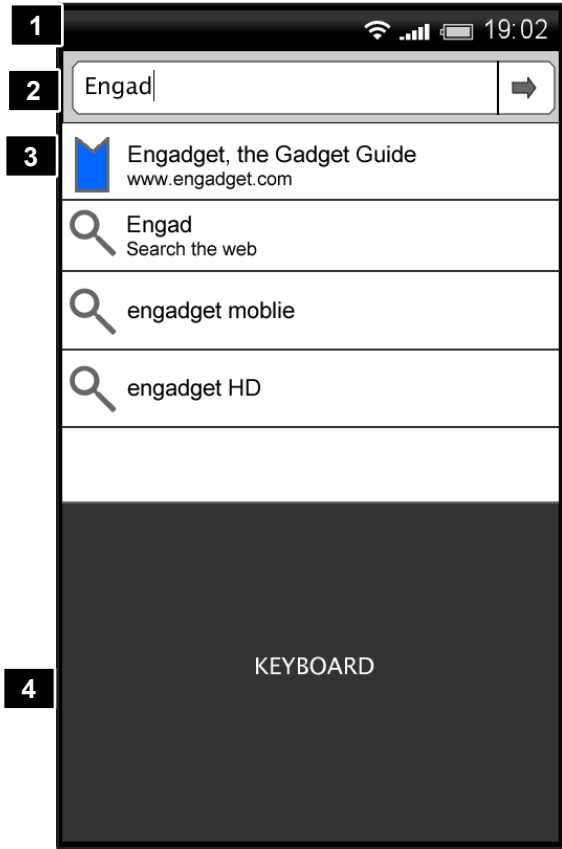
B.PS.0.1a_New

- 1. Notification Bar
- 2. Search Bar
- 3. Search Results
- 4. Keyboard

Changes from Android Baseline

The search functionality provided from the address bar is unchanged from what is provided by Android

See “2.2.1.1 Google Search Widget” on page 10 for additional detail.



2.4 Browser Load View

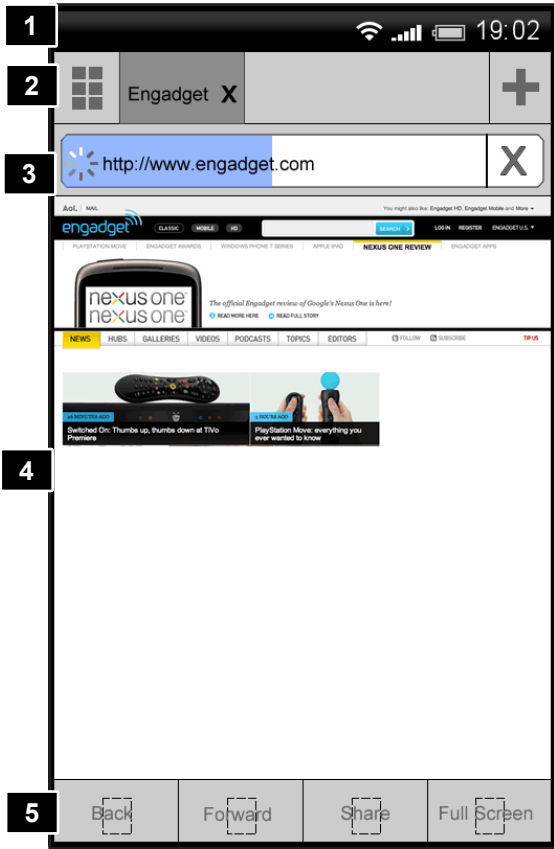
This is the view while the browser is loading a page. During load, the page be scrolled , panned and zoomed.

B.PS.0.2a_Loading

- 1. Notification Bar
- 2. Tab Bar
- 3. Address Bar
- 4. Browser Canvas (Partially loaded)
- 5. Extended Action Bar

Changes from Android Baseline

The search functionality provided from the address bar is unchanged from what is provided from Android



2.5 Browser More Menu

As per the Android baseline, tapping the More item will provide a slide out menu from the bottom of the browser. The More menu contains the base Android functions that the base Android browser provides that haven't aren't accessible from anywhere else.

Tapping on any area outside of the menu or pressing the hardware back or menu button will dismiss the More menu

B.PS.1.0c_Default_More

1. Notification Bar
2. Tab Bar
3. Address Bar
4. Browser Canvas
5. Action Bar
6. More Menu

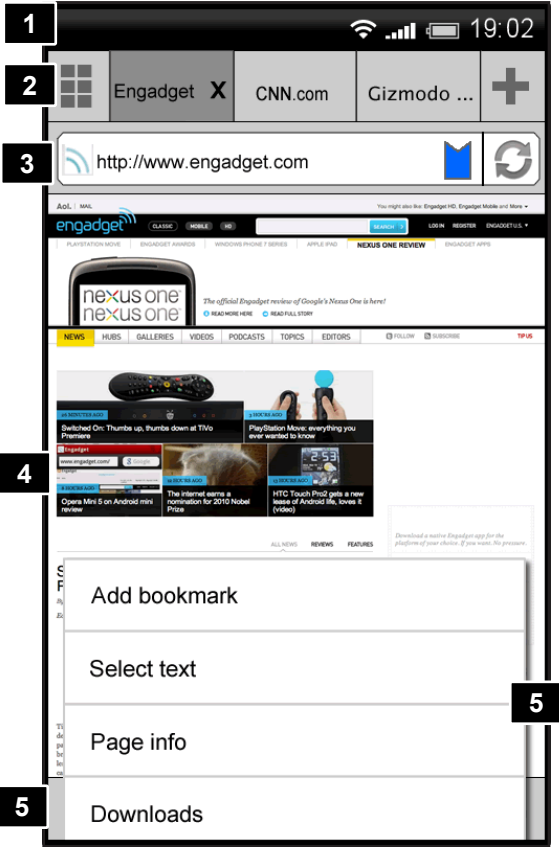
Changes from Android Baseline

This view differs from the Android Baseline in the following areas

Tab Bar (including Control Panel Back button)

More Menu Baseline content that is accessible elsewhere has been removed:

- 1 Find on page
- 2 Share page
- 3 Settings



2.6 Browser Scrolled View

As per Android base functionality the browser responds to standard gestures for navigation. Scrolling or zooming into the web page will cause the Address Bar to smoothly scroll out of view.

B.PS.1.0d.V1_Scroll



1 Address Bar during scroll

Taping any tab will scroll back to the top of the page and reveal the address bar. Pressing the menu button will also reveal the address bar (as per standard Android)

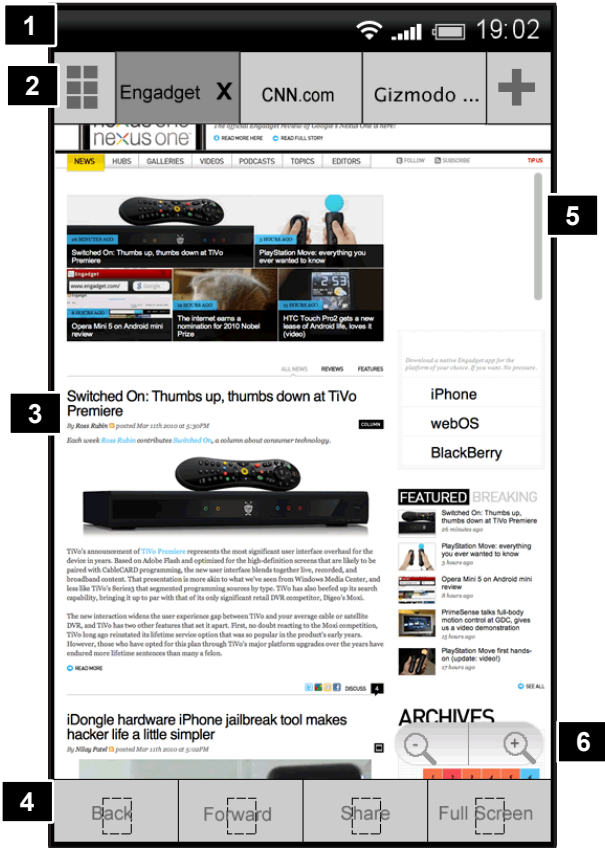
Tabs and action bar remain in view during scrolling, zooming and panning.

B.PS.1.0d_Scroll

1. Notification Bar
2. Tab Bar
3. Browser Canvas
4. Extended Action Bar
5. Page scroll overlay
6. Zoom Buttons

Changes from Android Baseline

Tab bar and Action bar are persistent during regular browsing. Multifold Exhibit 2013 Google v. Multifold IPR2025-00058, Page 18 of 66



2.7 Browser Full Screen

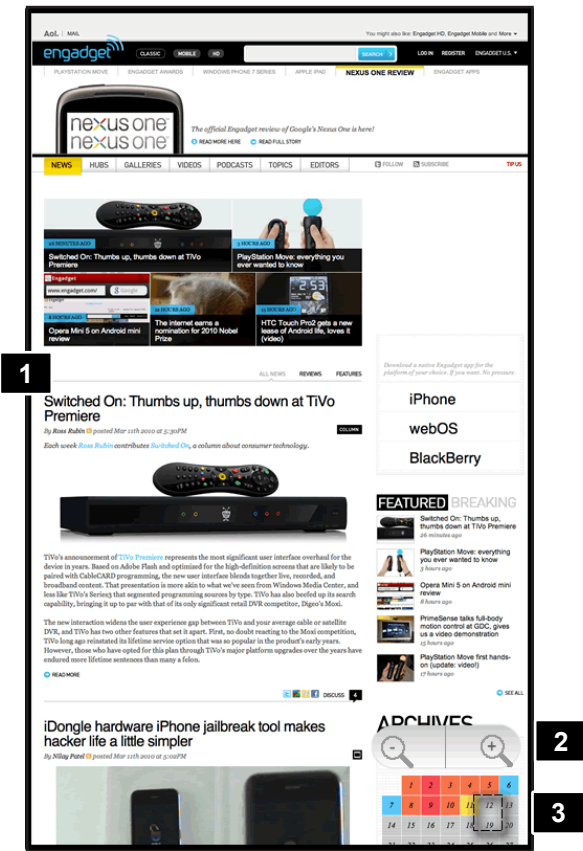
Tapping the full screen button on the action bar fills the entire screen with the web page view. Pressing the full screen toggle or pressing the hardware menu button will return the browser to its regular mode.

B.PS.1.0f_Full

- 1. Full Screen browser
- 2. Zoom buttons
- 3. Full Screen toggle button

Changes from Android Baseline

This view is net NEW and is not available in the Android baseline.



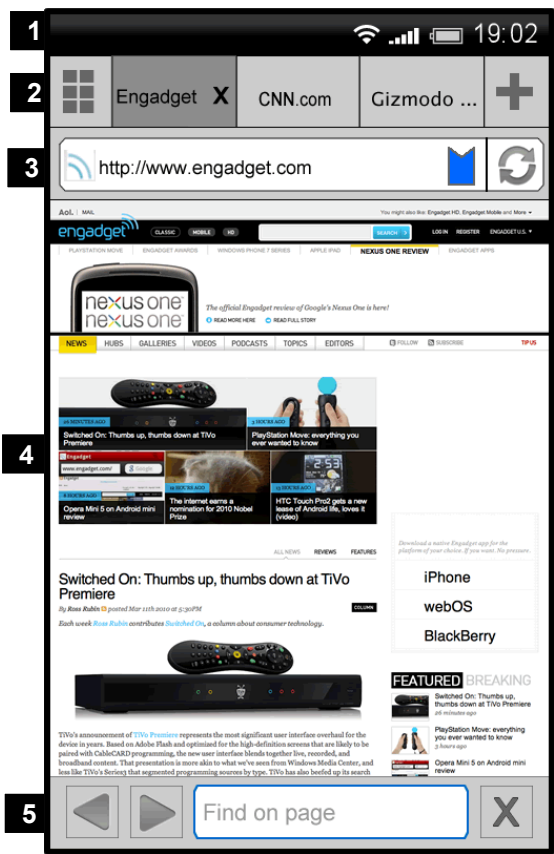
2.8 Browser Find on Page

B.PS.1.0a_Default

1. Notification Bar
2. Tab Bar
3. Address Bar
4. Browser Canvas
5. Find on Page bar

Changes from Android Baseline Default View

This functionality does not differ from the Android baseline.



2.9 Browser Share Page

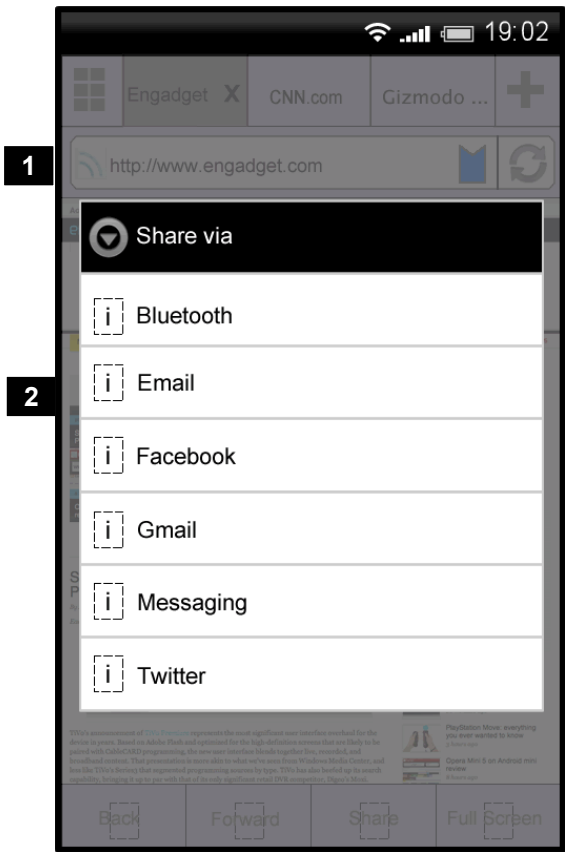
B.PS.1.0a_Default

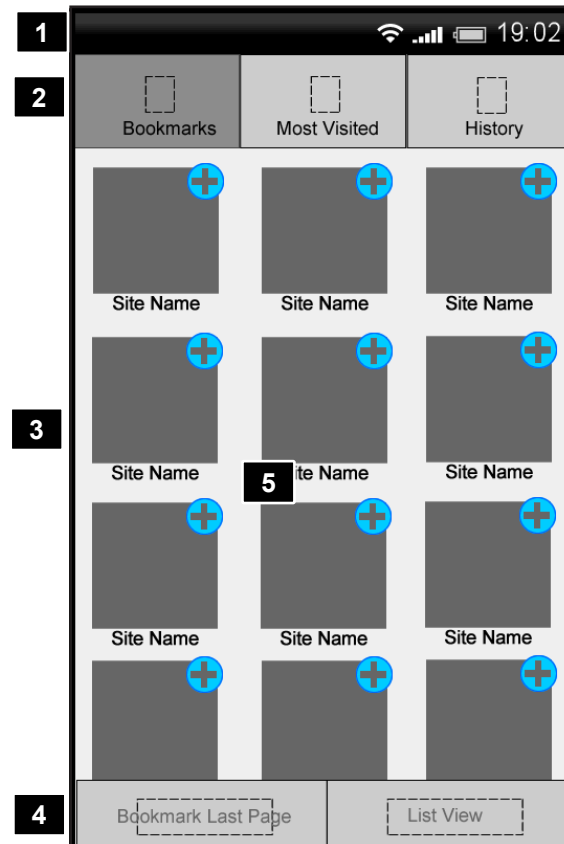
- 1. Grayed Out Browser
- 2. Share Modal

The share tab is populated by the available options provided by Android

Changes from Android Baseline Default View

This functionality does not differ from the Android baseline.





2.10 Control Panel - Bookmark Tab

The Control Panel very closely resembles the Android baseline. The bookmark tab supports a list view and a thumbnail view as in the Android baseline.

The bookmarks will be pre-loaded with a preselected set of websites. This will also follow the Android baseline.

B.PS.2.0a_Bookmarks

1. Notification Bar
2. Control Panel Tab Bar
3. Bookmark Thumbnail Table
4. Action Bar
5. Thumbnail

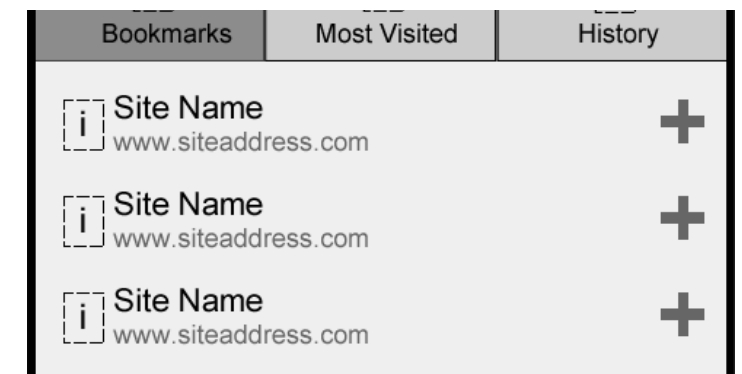
Changes from Android Baseline

The bookmark thumbnails have an icon overlay for opening URLs in a new tab vs. opening them in the existing tab

Variation

When List View is selected the bookmarks are shown in a list.

B.PS.2.0a .V1_Bookmarks



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FLEXTRONICS

2.11 Control Panel Components

The Control Panel follows the Android Baseline very closely. Some additional functionality to better support tabs along with the appropriate skinning are planned.

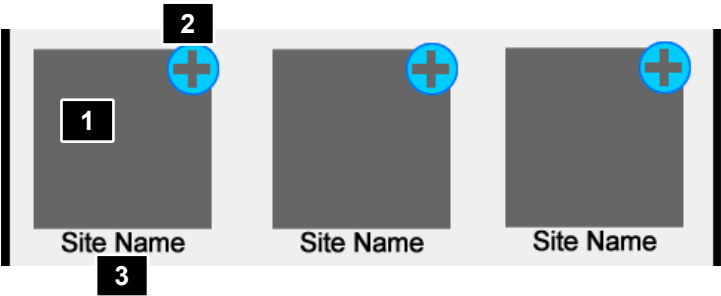
2.11.1 Menu Bar

The Menu Bar Supports base Android functionality without any changes other than skinning.



2.11.2 URL Table

Thumbnail



1	Thumbnail This is a thumbnail of the Web Site updated upon the last time the page was visited. Tapping any thumbnail will open the selected URL in the current tab This is included in base Android
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2	New Tab Icon Tapping this portion of the icon will open the URL in a new tab. This is NEW functionality
3	Site Name This label shows the site's name as set in the bookmark. This is included in base Android

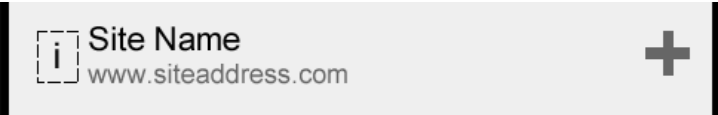
List Item



1	Web Site Icon This is the Icon associated with the URL. If no Icon is associated a generic icon is used This is included in base Android
2	Site Name and Address This label shows the site's name as set in the bookmark, along with the actual URL Tapping anywhere within this area (and the web site icon) will open the selected URL in the current tab This is included in base Android

3	Bookmark Icon This icon can be toggled on and off to instantly add or remove a bookmark. The state of the icon represent the status of the bookmark. This icon only appears on the History and Most Visited lists. This is included in base Android
4	New Tab Icon Tapping this portion of the List will open the URL in a new tab. This is NEW functionality

List items in the Bookmark tab do not have a bookmark icon.

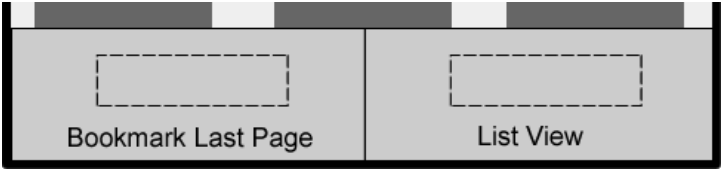


2.11.3 Action Bar

The Action Bar provides access to persistent commonly used functionality.



Upon pressing the hardware menu button, the action bar slides up to reveal primary labels as well as any secondary functionality that may be present.



Any subsequent action will return the Action bar to it's minimal state

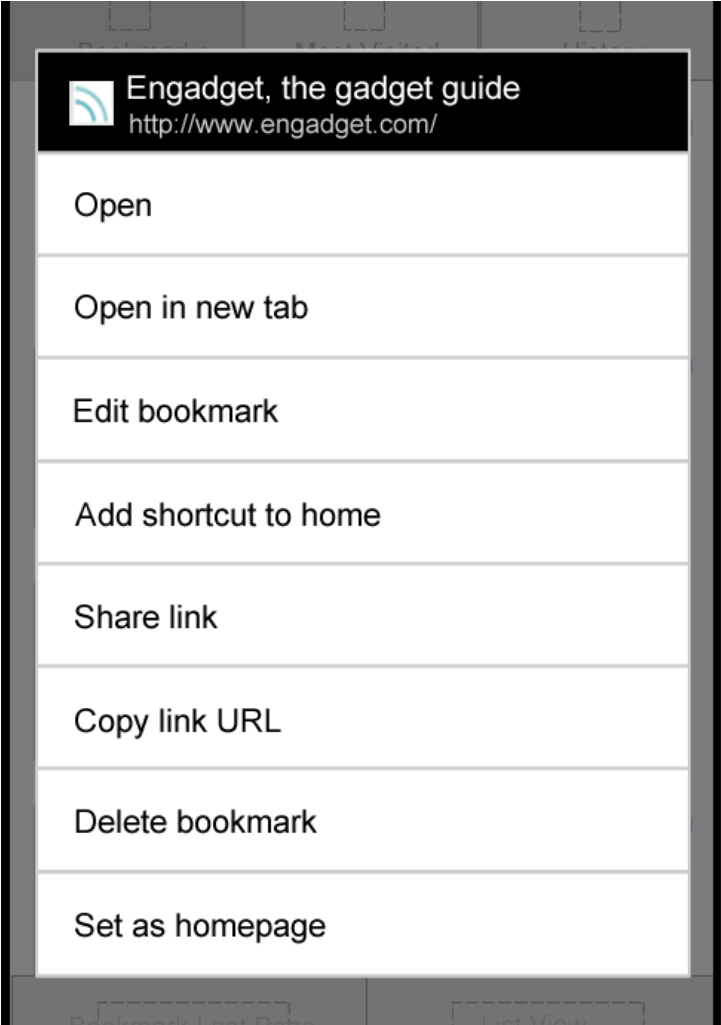
The control panel functions provided will be the same as what is provided in the Android baseline.

2.11.4 Long press Menus

2.11.4.1 Bookmark long press

This modal appears when long pressing a bookmark.

B.PS.2.0b.M1_Bookmarks_LongPressBookmark



This long press modal's is included as part of the base functionality of Android. The following actions are listed for clarification.

Open	This action opens the selected bookmark in the current tab
Open in new tab	This action opens the selected bookmark in a new tab. The new tab becomes the selected tab
Edit bookmark	Opens a skinned version of the baseline Android Edit Bookmark modal See "2.13.4 Edit Bookmark" on page 29
Add shortcut to home	Same as Android baseline
Share link	Opens a skinned version of the baseline Android Share link modal
Copy link URL	Same as Android baseline
Delete bookmark	Same as Android baseline
Set as home page	Same as Android baseline

2.12 Control Panel - Most Visited Tab

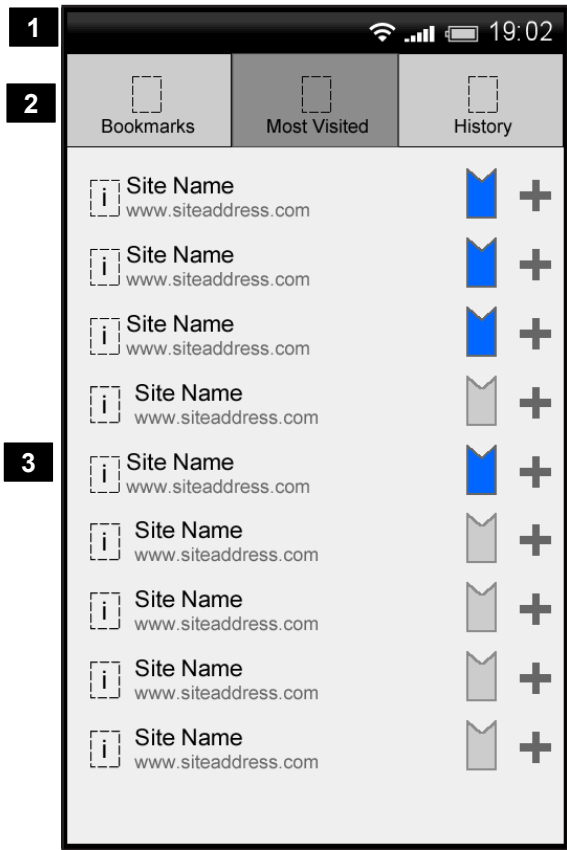
The Most Visited tab behaves as per the Android base functionality. URLs can be opened and bookmarked from this tab

B.PS.2.1a_MostViewed

- 1. Notification Bar
- 2. Control Panel Tab Bar
- 3. Most Visited List

Changes from Android Baseline

The URL rows have an additional icon for opening URLs in a new tab vs opening them in the existing tab



2.13 Control Panel - History Tab

The History tab behaves as per the Android base functionality. URLs can be opened and bookmarked from this tab

Categories remain the same as in the Android baseline

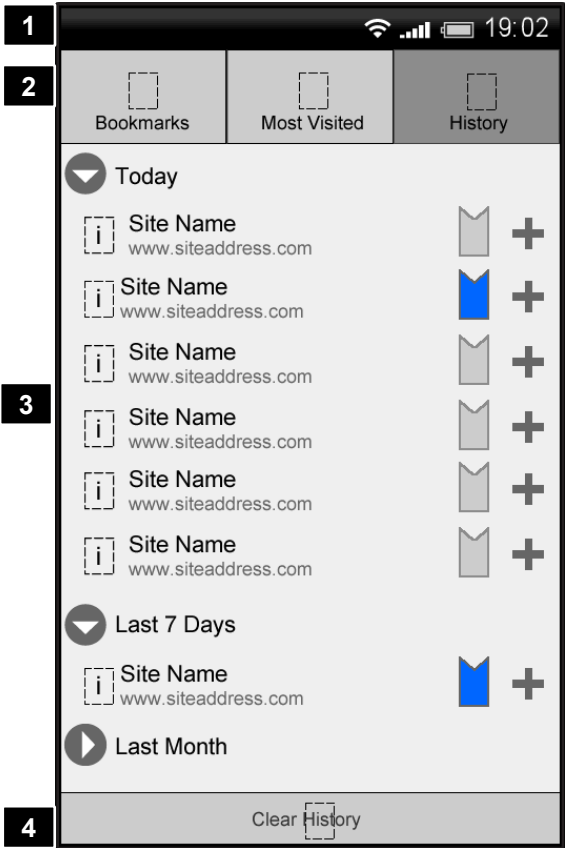
- 1 Today
- 2 Last 7 Days
- 3 Last Month
- 4 Older

B.PS.2.2a_History

- 1. Notification Bar
- 2. Control Panel Tab Bar
- 3. Most Visited List
- 4. Action Bar

Changes from Android Baseline

The URL rows have an additional icon for opening URLs in a new tab vs opening them in the existing tab

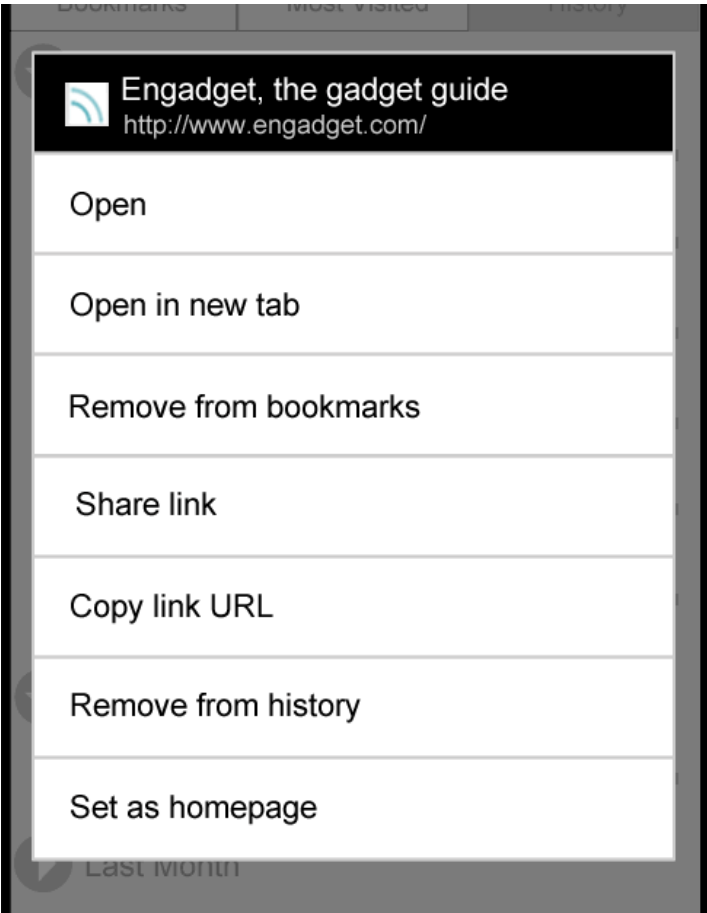


2.13.1 Long Press Menus

Bookmarked URL menu

This modal appears when long pressing a URL that is bookmarked in the History or Most Visited tab

B.PS.2.2a.M1_History_LongPressBookmark



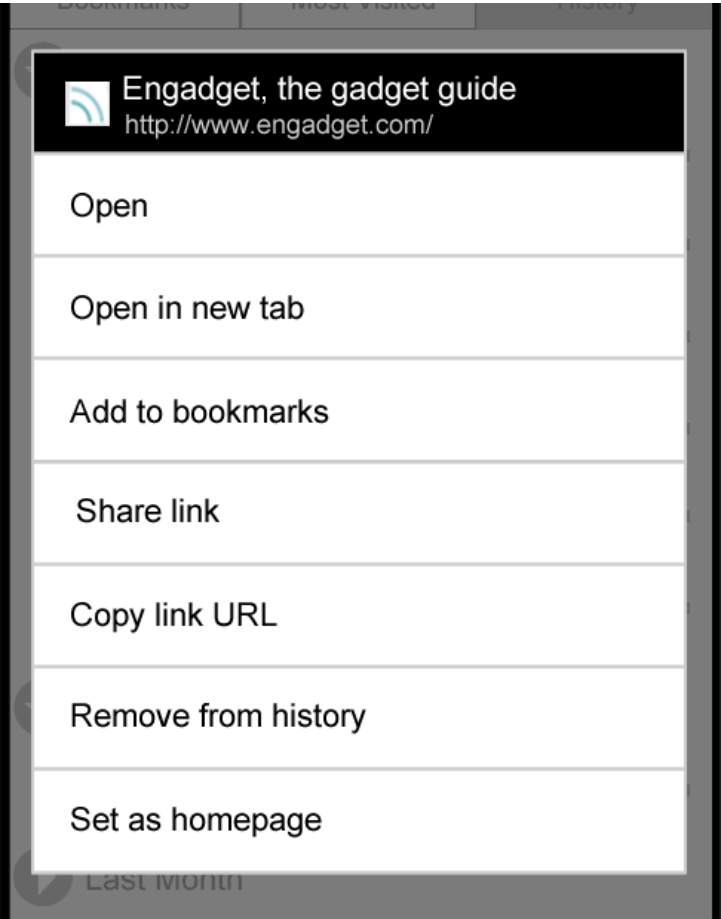
This long press modal's is included as part of the base functionality of Android. The following actions are listed for clarification.

Open	This action opens the selected bookmark in the current tab
Open in new tab	This action opens the selected bookmark in a new tab. The new tab becomes the selected tab
Remove from bookmarks	Same as Android baseline
Share link	Opens a skinned version of the baseline Android Share link modal
Copy link URL	Same as Android baseline
Remove from history	Same as Android baseline
Set as home page	Same as Android baseline

Non-bookmarked URL Menu

This modal appears when long pressing a URL that is not bookmarked.

B.PS.2.2a.M2_History_LongPressNonBookmark



The only change for this Menu from the Bookmarked URL menu is that Remove from Bookmarks is replaced with Add to bookmarks

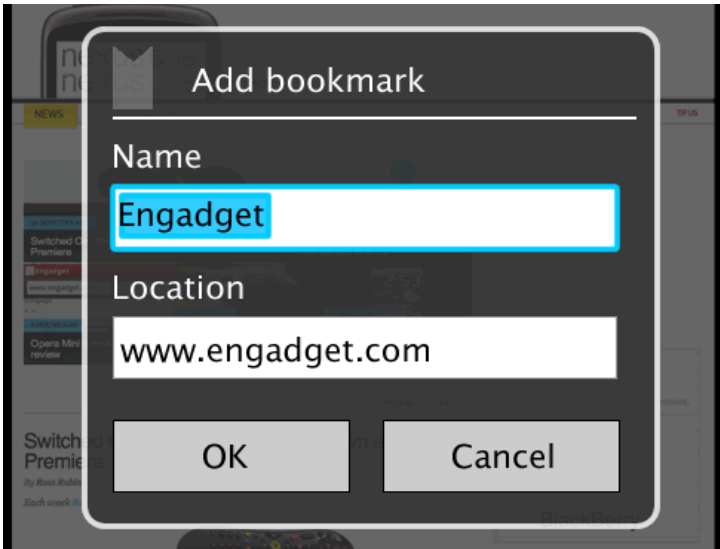
Add to bookmarks	Same as Android baseline
------------------	--------------------------

2.13.2 Inline Modals

2.13.3 Add Bookmark

This modal can be launched from multiple points in the browser

B.PS.1.0a_M1_AddBookmark

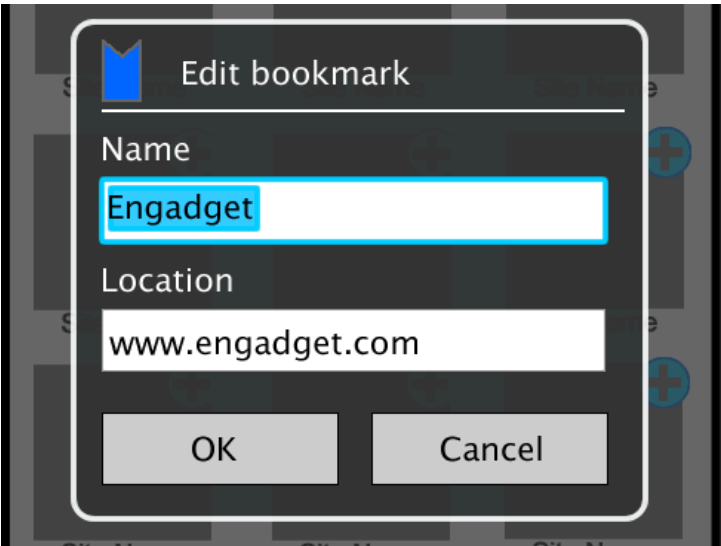


The Add bookmark functionality is the same as the Android baseline.

2.13.4 Edit Bookmark

This modal is launched from the bookmark tab.

B.PS.2.0b_M2_EditBookmark



The Edit bookmark functionality is the same as the Android baseline.

2.13.5 Share URL

This modal can be launched from multiple points in the browser.
Base Android functionality is supported.

2.14 Downloads Modal

The Portrait Single version of the Downloads modal will provide only the base native android functionality.

This will include the ability to cancel downloads as well as view their progress.

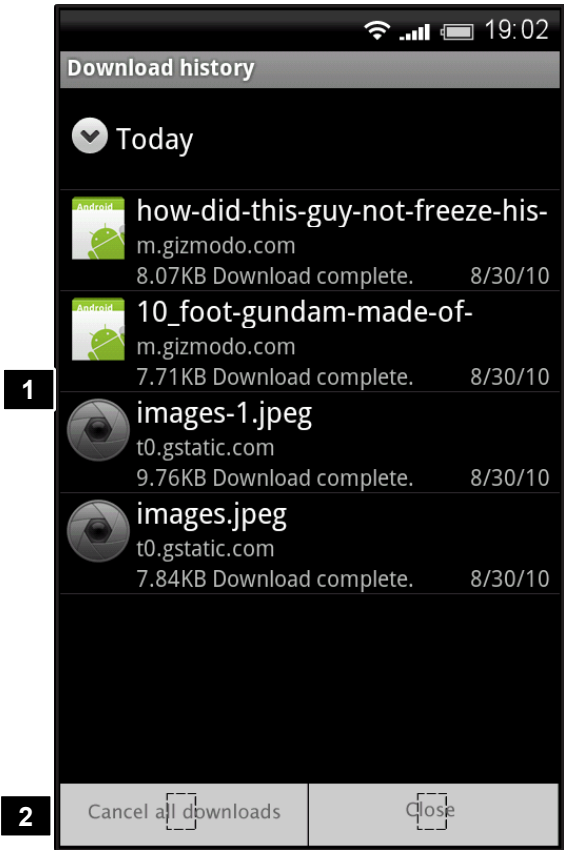
All existing Android long press menus and states will be supported.

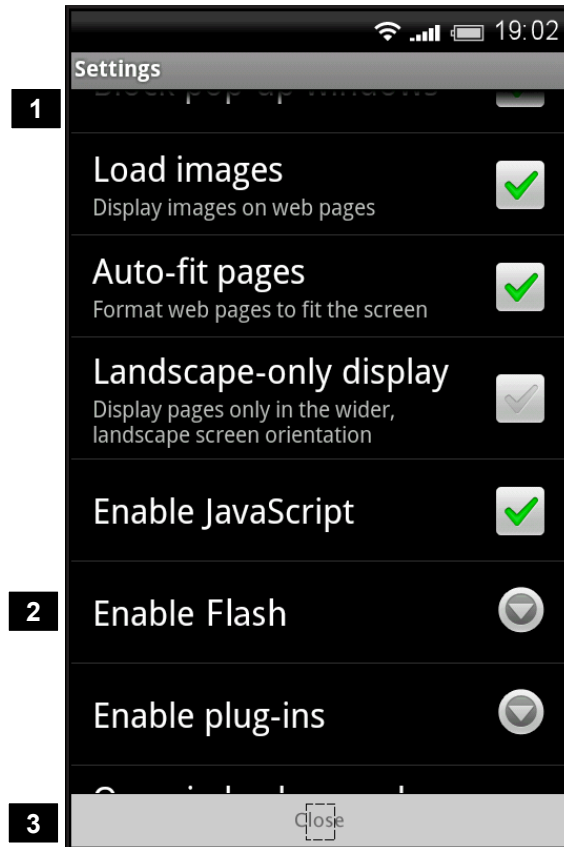
B.PS.11.0_Downloads

- 1. Downloads Modal
- 2. Action Menu

Changes from Android Baseline

Action Menu - Close button





2.15 Settings Modal

The Portrait Single version of the Settings modal will provide the base native android functionality with minor additions.

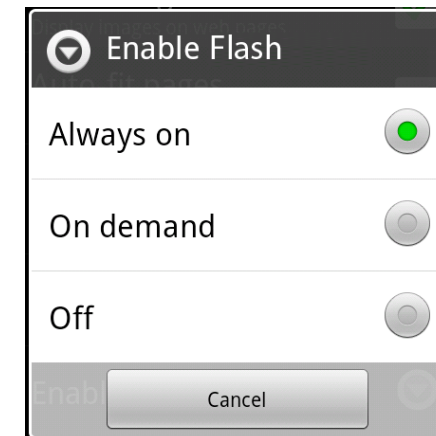
B.PS.12.0_Settings

1. Settings Modal
2. Enable Flash item
3. Action Menu

Changes from Android Baseline

Action Menu - Close button

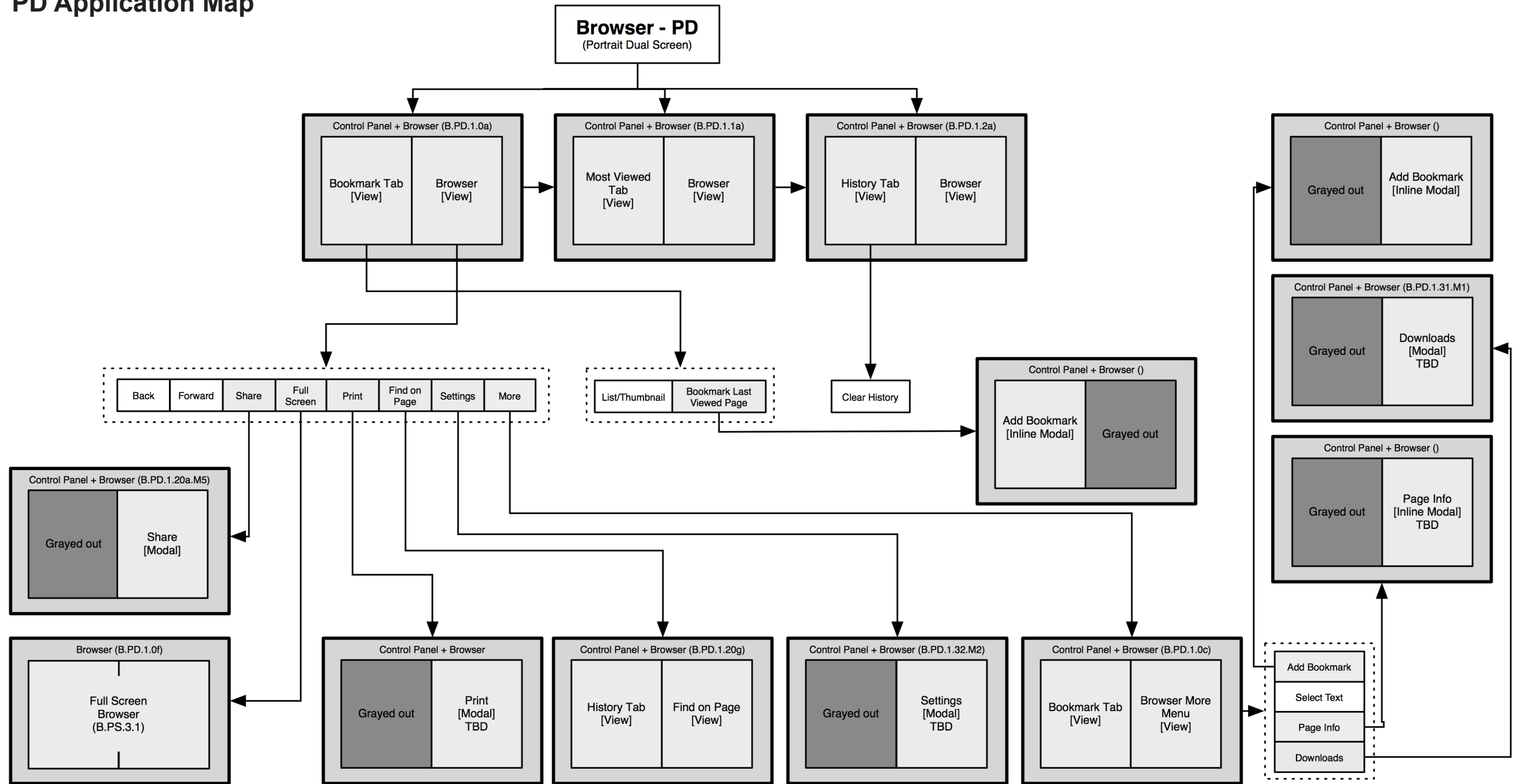
Enable Flash button will provide the following modal:



The default value is On demand

3 Portrait Dual

PD Application Map



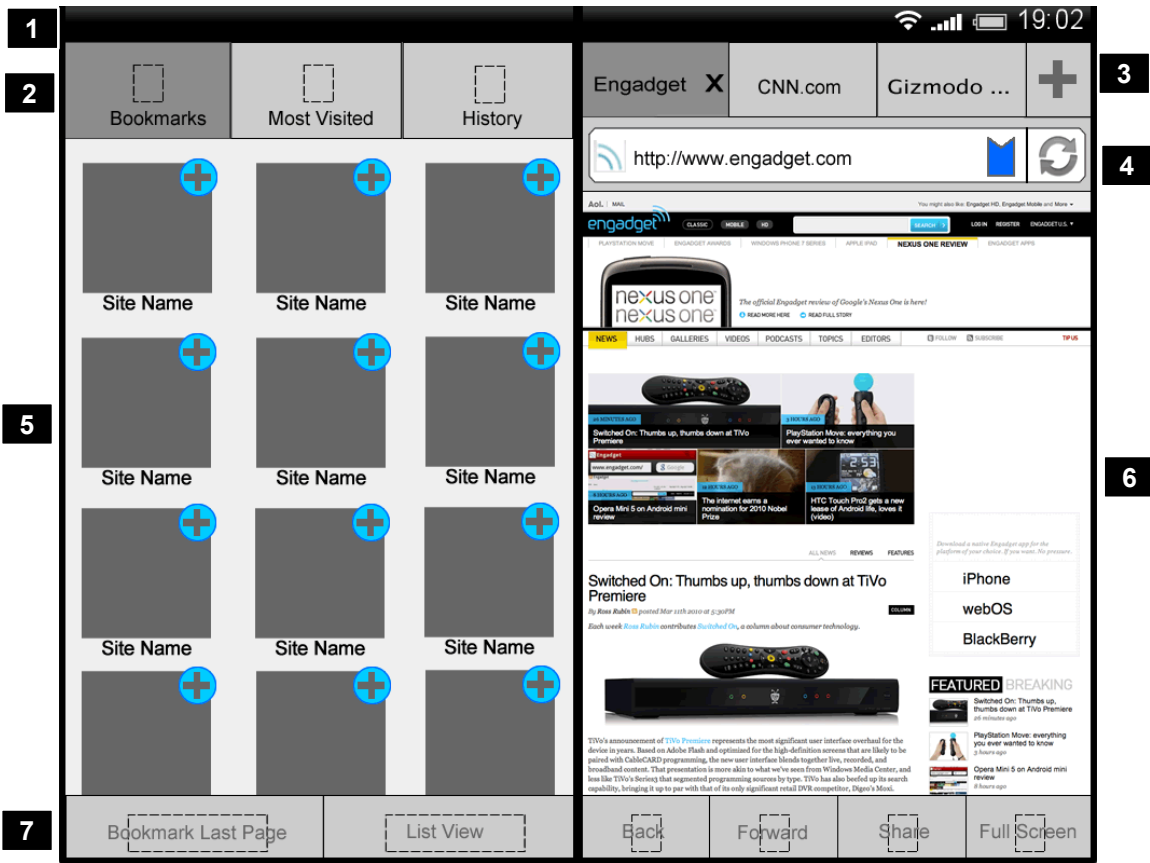
3.1 Browser Default View

The Default view in Portrait Dual displays the Control Page on the Left (with Bookmark tab selected) and the Web Browser view on the right. This is the view that is always seen when the application is maximized in Portrait Mode.

Both sections behave as they do in single screen.(see “2.1 Browser Default View” on page 9 and “2.10 Control Panel - Bookmark Tab” on page 22

B.PD.1.20a_Default

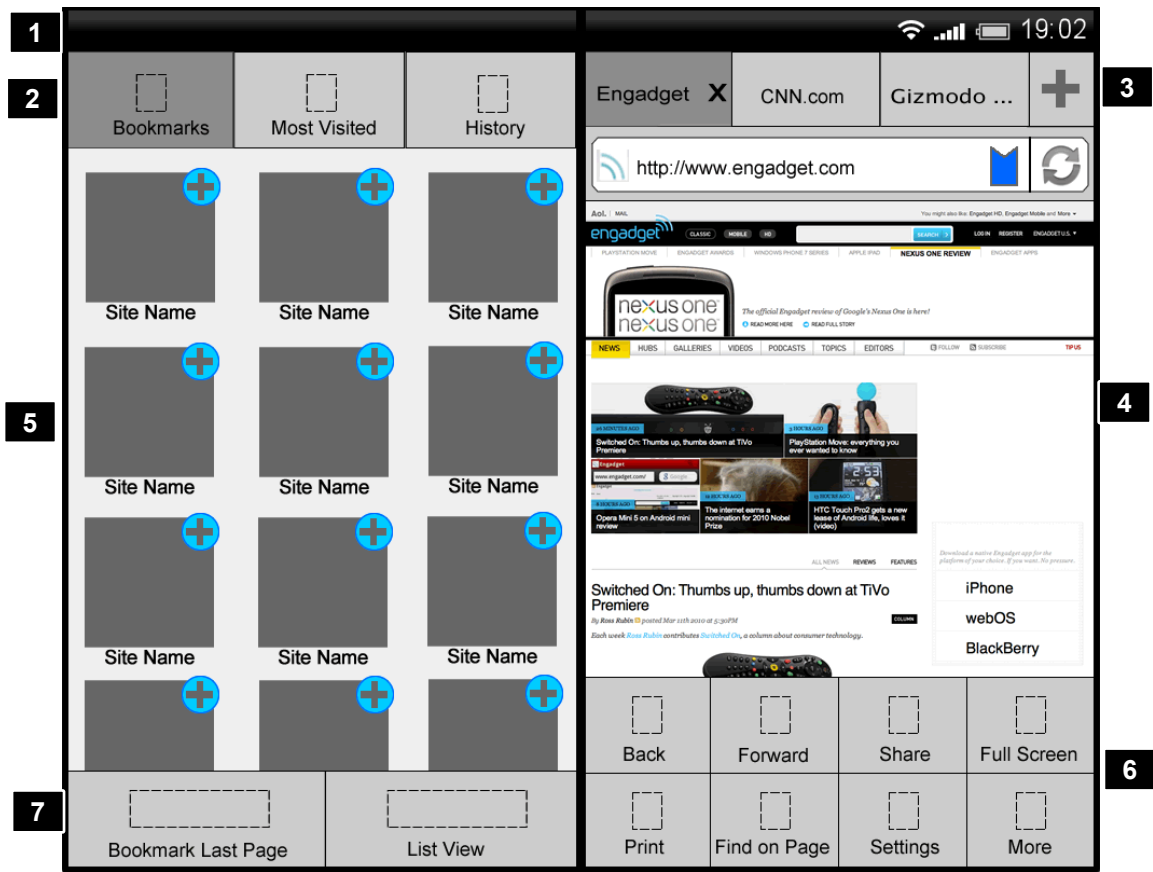
- 1. Notification Bar
- 2. Control Panel Tab Bar
- 3. Browser Tab Bar (Control Panel Button not shown in PD)
- 4. Address Bar
- 5. Bookmark Thumbnail View
- 6. Browser Canvas
- 7. Action Bar



3.2 Browser Full Action Bar View

B.PD.1.20b_Menu

- 1. Notification Bar
- 2. Control Panel Tab Bar
- 3. Browser Tab Bar
- 4. Address Bar
- 5. Bookmark Thumbnail View
- 6. Browser Canvas
- 7. Extended Action Bar



3.3 Browser Full Action Bar View

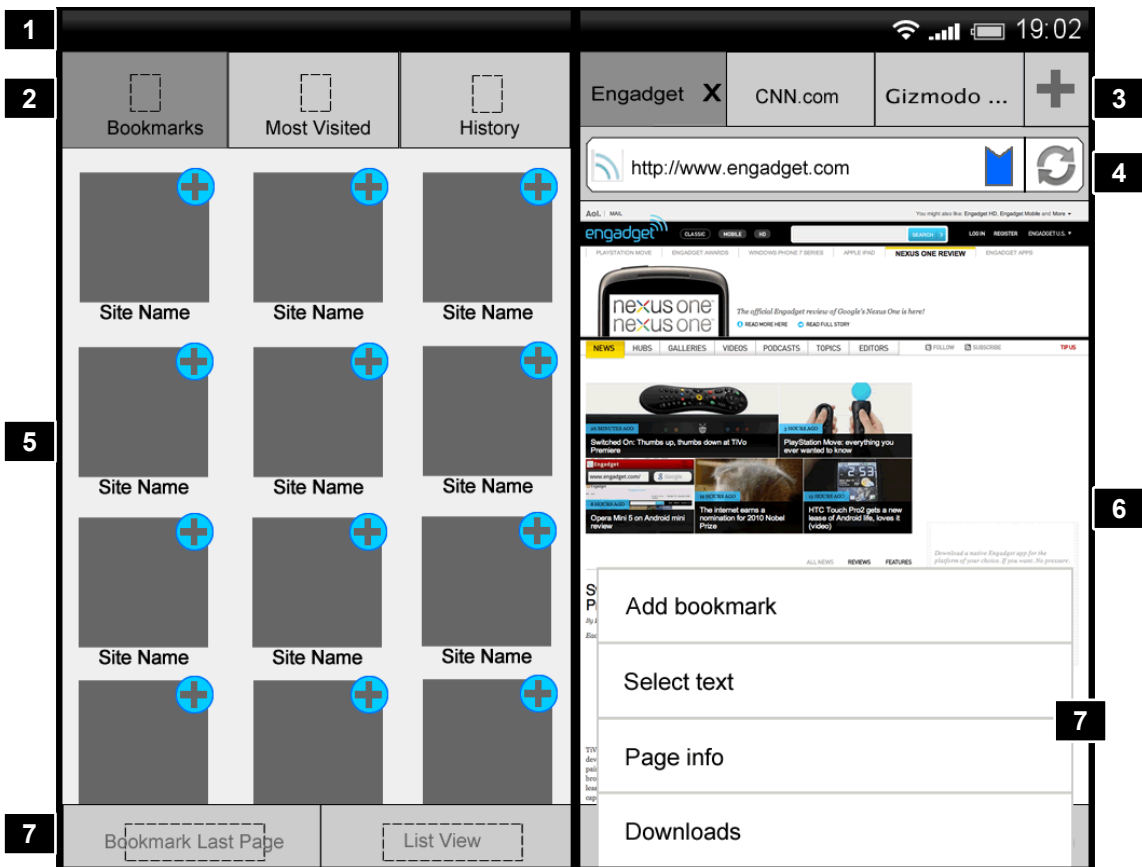
As per the Android baseline, tapping the More item will provide a slide out menu from the bottom of the browser. The More menu contains the base Android functions that the base Android browser provides that haven't aren't accessible from anywhere else.

The control panel page is not impacted by this menu. Tapping on any area outside of the menu or pressing the hardware back or menu button will dismiss the More menu

Both sections behave as they do in single screen.(see "2.10 Control Panel - Bookmark Tab" on page 22 and "2.5 Browser More Menu" on page 17)

B.PD.1.20a_More

1. Notification Bar
2. Control Panel Tab Bar
3. Browser Tab Bar
4. Address Bar
5. Bookmark Thumbnail View
6. Browser Canvas
7. Action Bar
8. More Menu



3.4 Browser Scroll

As per Android base functionality the browser responds to standard gestures for navigation. Scrolling or zooming into the web page will cause the Address Bar to scroll out of view.

Tapping the active tab will scroll back to the top of the page and reveal the address bar. Pressing the menu button will also reveal the address bar (as per standard Android)

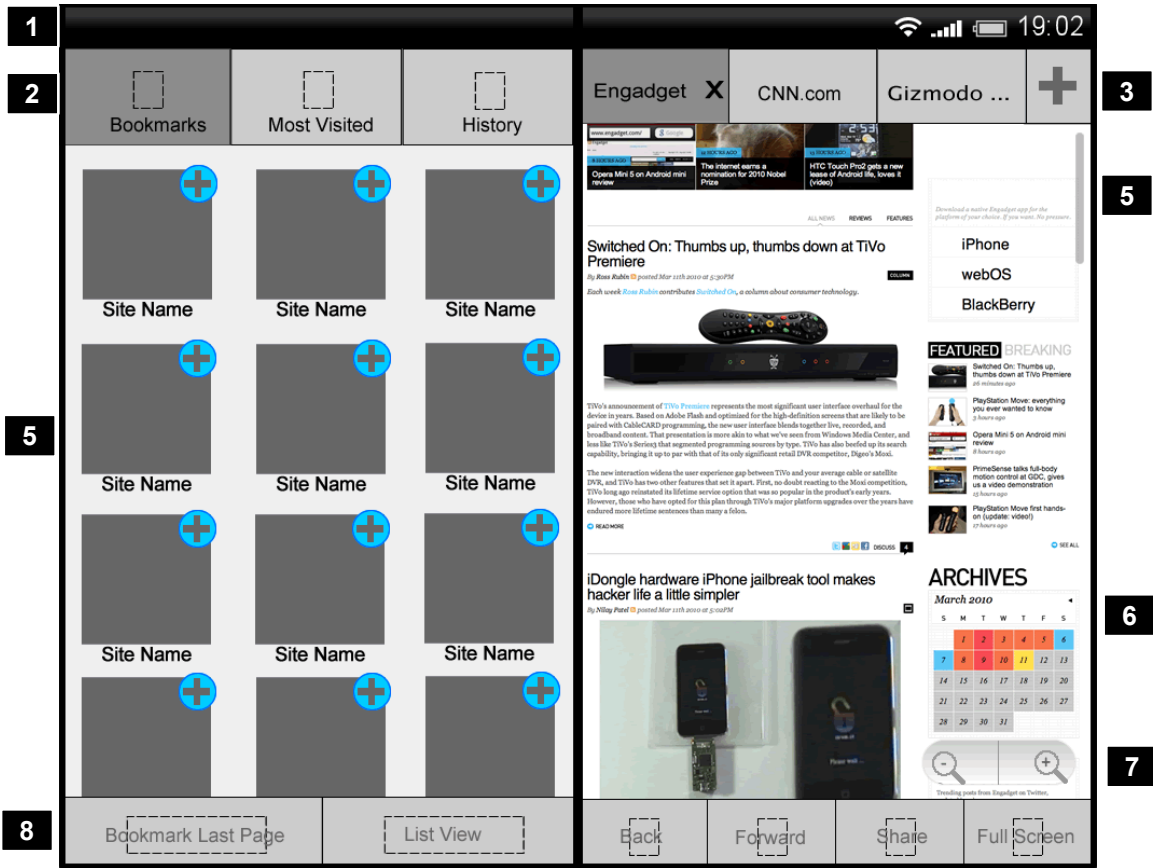
Tabs and action bar remain in view during scrolling, zooming and panning.

Actions on the browser canvas view do not impact the control panel page.

Both sections behave as they do in single screen.(see “2.10 Control Panel - Bookmark Tab” on page 22 and “2.6 Browser Scrolled View” on page 18)

B.PD.1.20d_Scroll

- 1. Notification Bar
- 2. Control Panel Tab Bar
- 3. Browser Tab Bar
- 4. Bookmark Thumbnail View
- 5. Browser Canvas
- 6. Page Scroll Overlay
- 7. Zoom Buttons
- 8. Action Bar

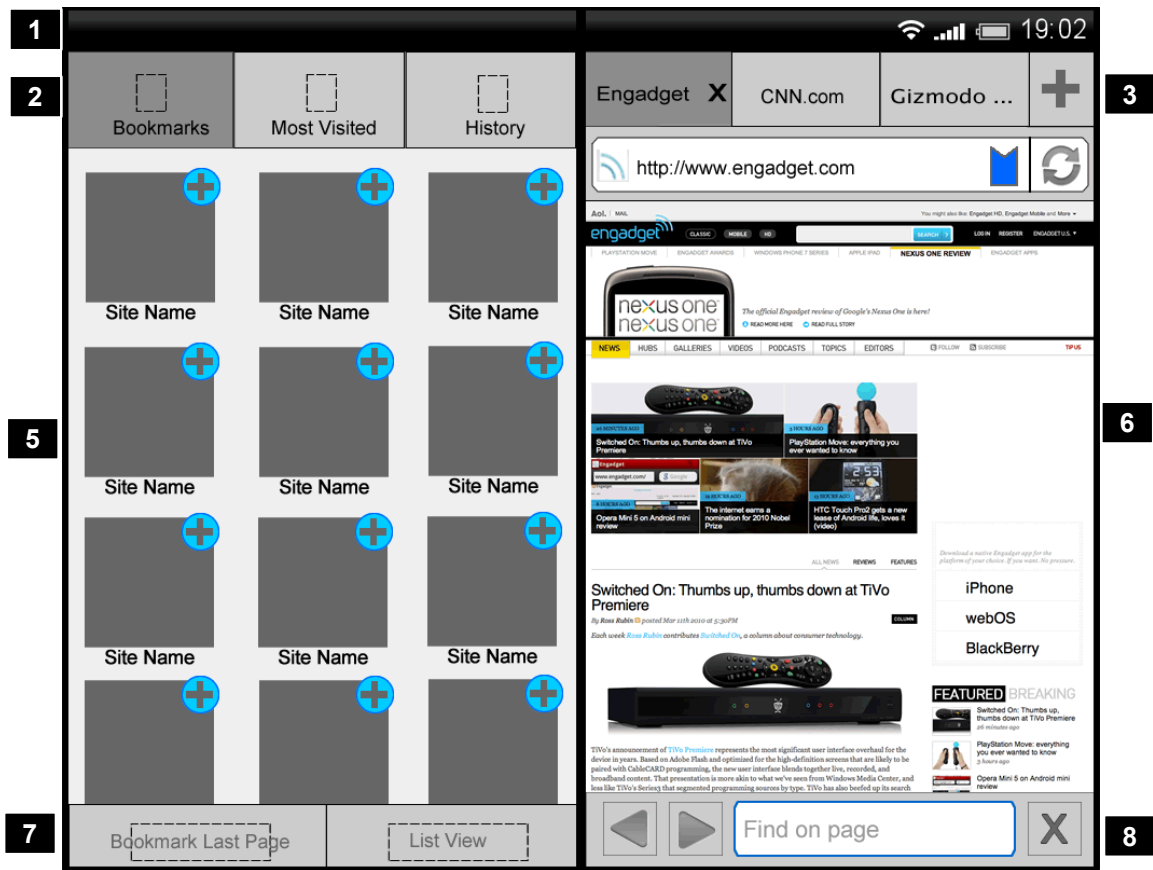


3.5 Browser Find on Page

Both sections behave as they do in single screen.(see “2.8 Browser Find on Page” on page 20and “2.10 Control Panel - Bookmark Tab” on page 22

B.PD.1.20a_Default

1. Notification Bar
2. Control Panel Tab Bar
3. Browser Tab Bar (Back Button not shown in PD)
4. Address Bar
5. Bookmark Thumbnail View
6. Browser Canvas)
7. Action Bar
8. Find on Page Bar

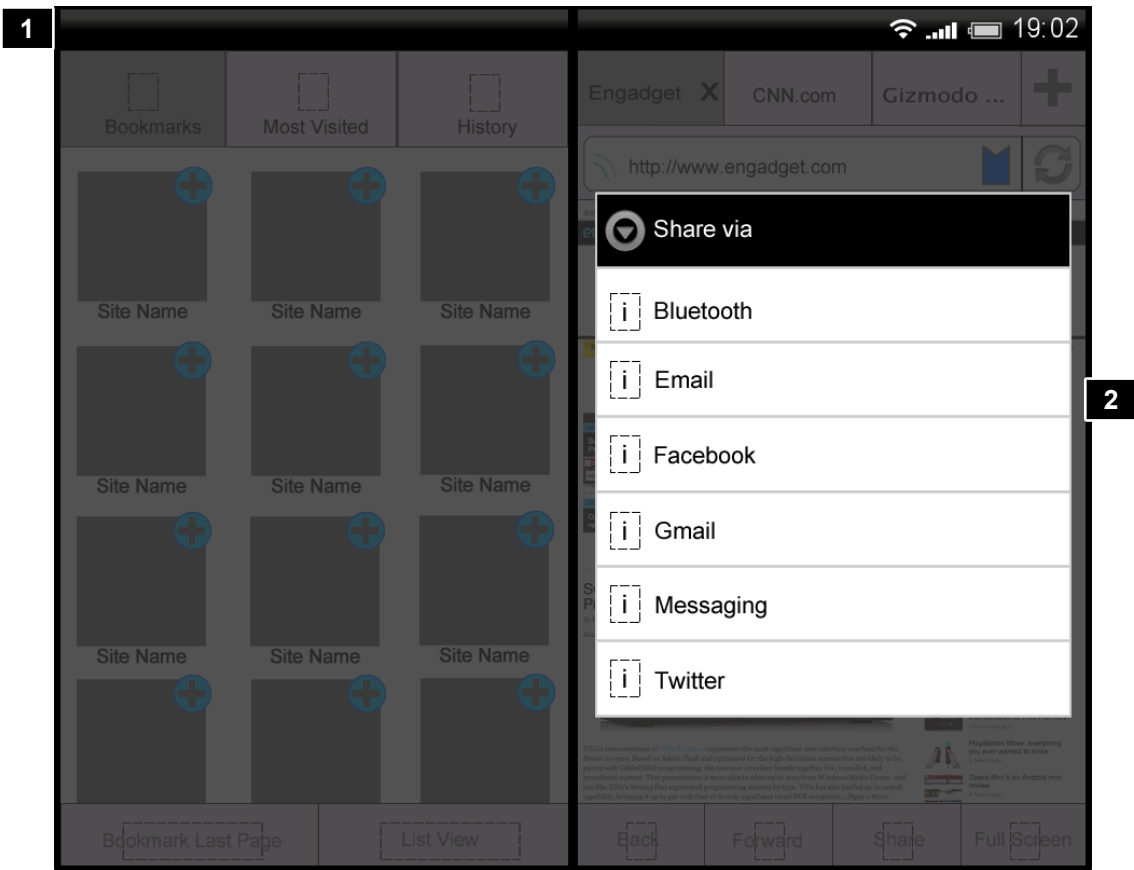


3.6 Browser Share Page

The Share screen (see “2.9 Browser Share Page” on page 21 is a modal and follows the normal Modal rules for Portrait Dual (see “3.10.1 Modals” on page 43)

B.PD.1.20a_Default

- 1. Grayed Out Background
- 2. Share Modal



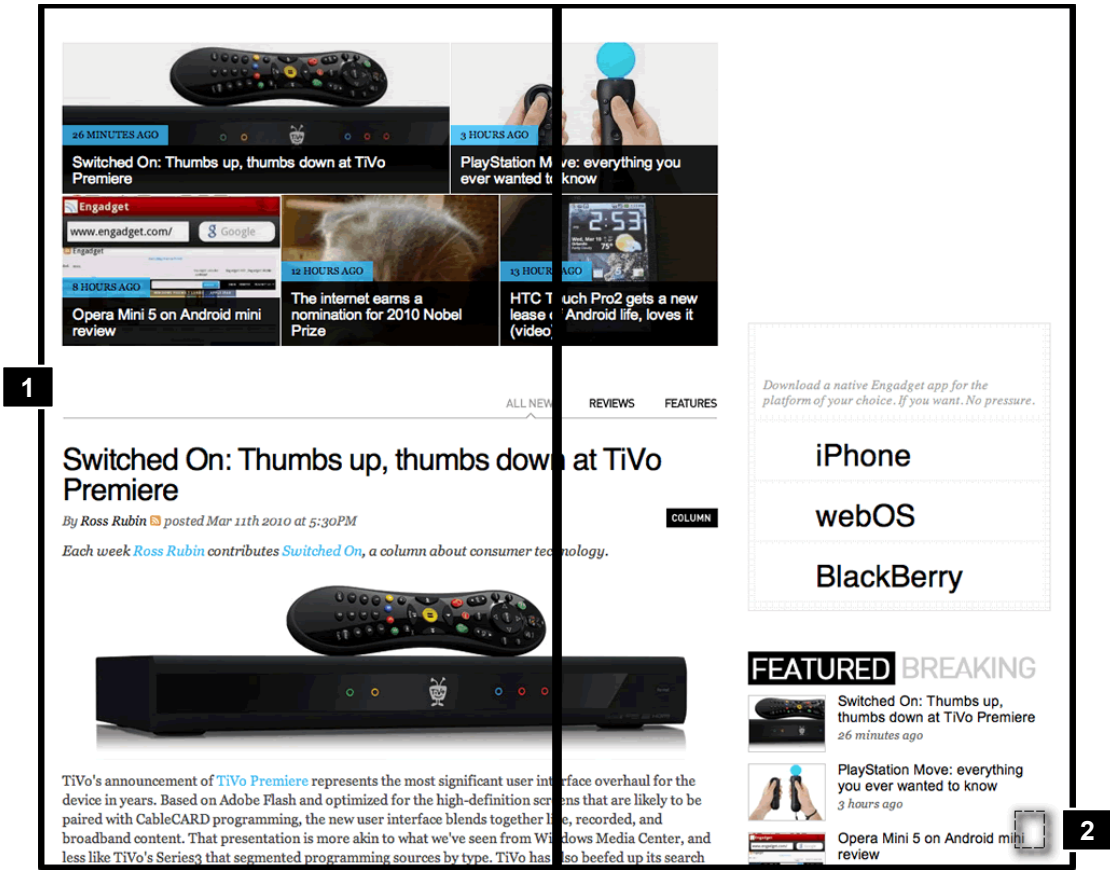
3.7 Browser Full Screen View

Tapping the full screen button on the action bar fills both screens with the web page view. Pressing the full screen toggle or pressing the hardware menu button will return the browser to its previous single screen mode as well as restore the Control Panel page.

While in Full Screen mode the browser behaves the same as “2.7 Browser Full Screen” on page 19 ..

B.PD.1.20f__Full

- 1. Browser Canvas
- 2. Full Screen Toggle

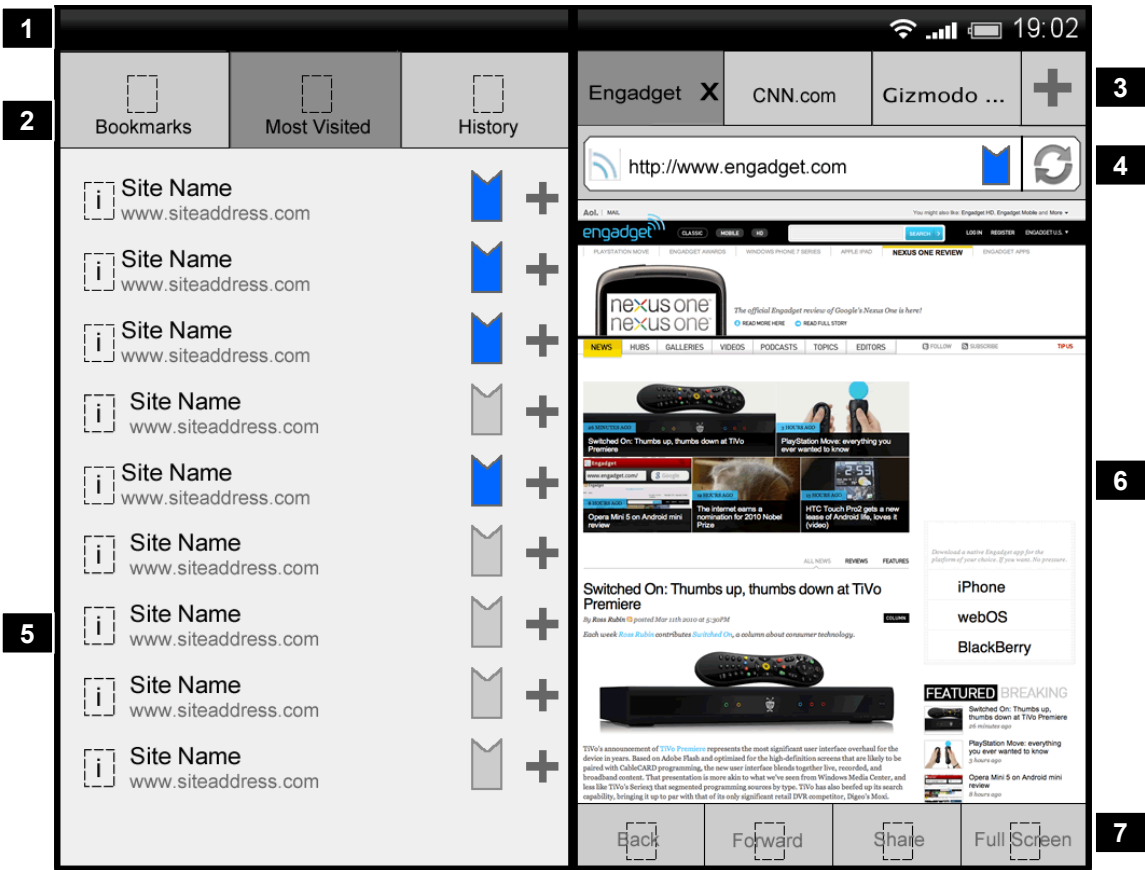


3.8 Browser with Most Visited Tab

Both sections behave as they do in single screen.(see “2.12 Control Panel - Most Visited Tab” on page 26 and “2.1 Browser Default View” on page 9)

B.PD.1.21a_MostViewed

- 1. Notification Bar
- 2. Control Panel Tab Bar
- 3. Browser Tab Bar
- 4. Address Bar
- 5. Most Visited List View
- 6. Browser Canvas
- 7. Action Bar

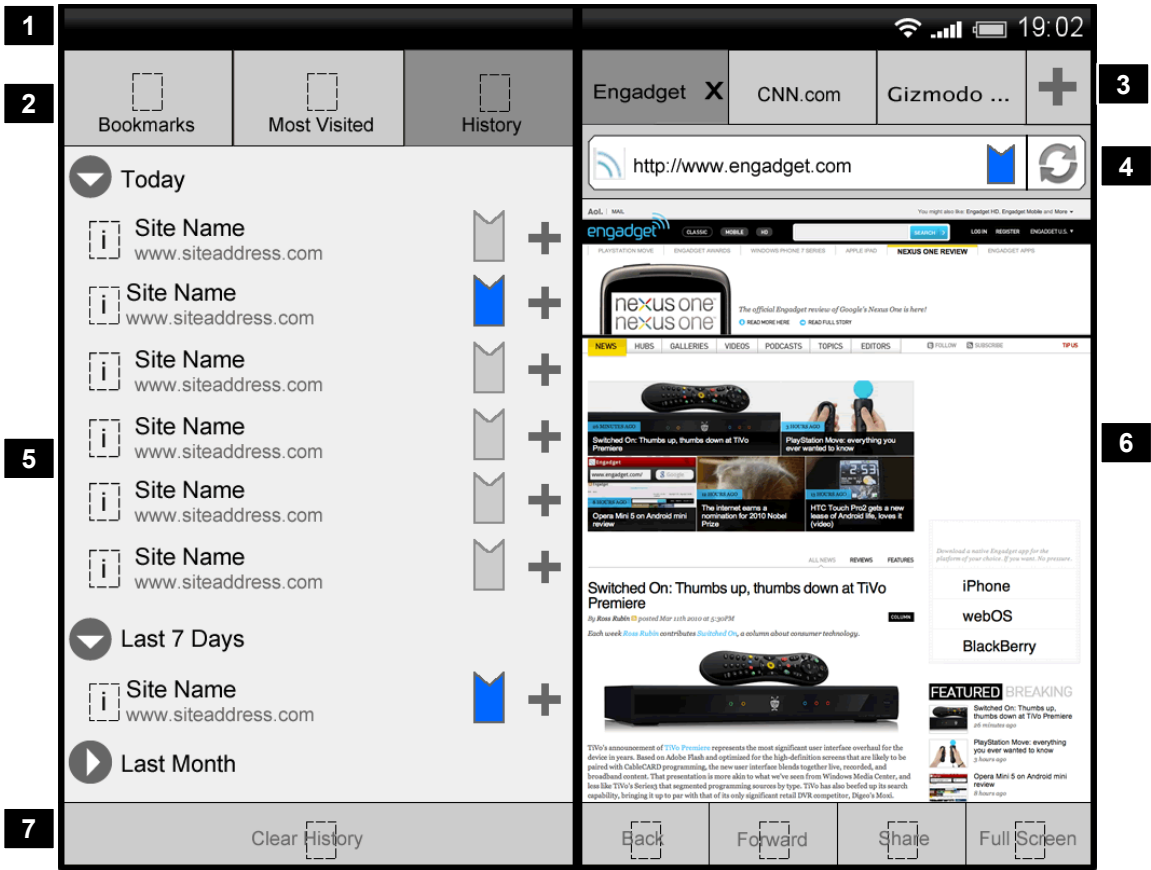


3.9 Browser with History Tab

Both sections behave as they do in single screen.(see “2.12 Control Panel - Most Visited Tab” on page 26 and “2.1 Browser Default View” on page 9)

B.PD.1.22a_History

- 1. Notification Bar
- 2. Control Panel Tab Bar
- 3. Browser Tab Bar
- 4. Address Bar
- 5. History List View
- 6. Browser Canvas
- 7. Action Bar



3.10 Browser and Control Panel Components

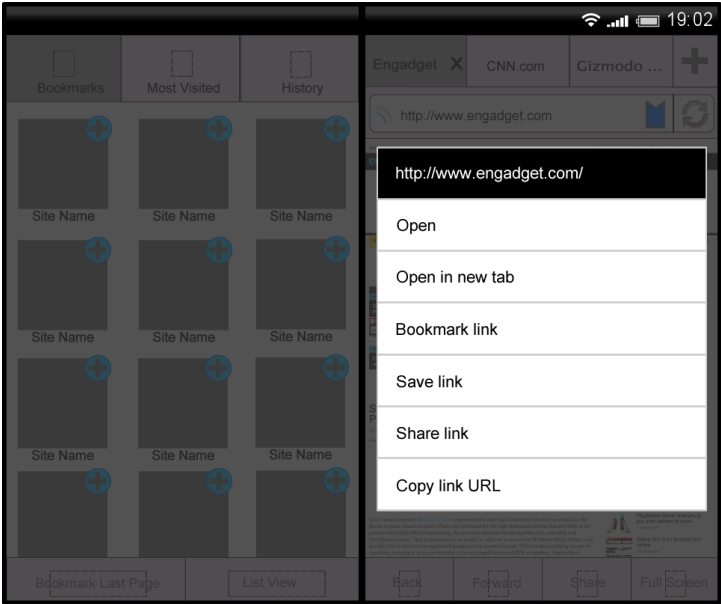
When used in Portrait Dual Screen, both the Control Panel and Browser retain all the same components as they do in the individual Single Screen modes.

.See “2.2 Browser Components” on page 10 and “2.11 Control Panel Components” on page 23

3.10.1 Modals

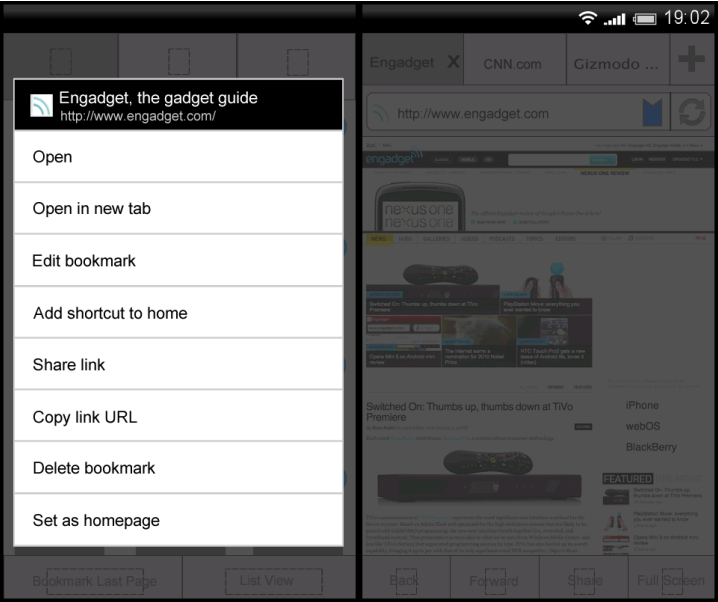
When a modal is is shown, the entire application is grayed out and the modal always appears on the screen it was launched from.

Example 1 : Modal Launched from Browser Side



B.PD.1.20a.M3_LongPressURL

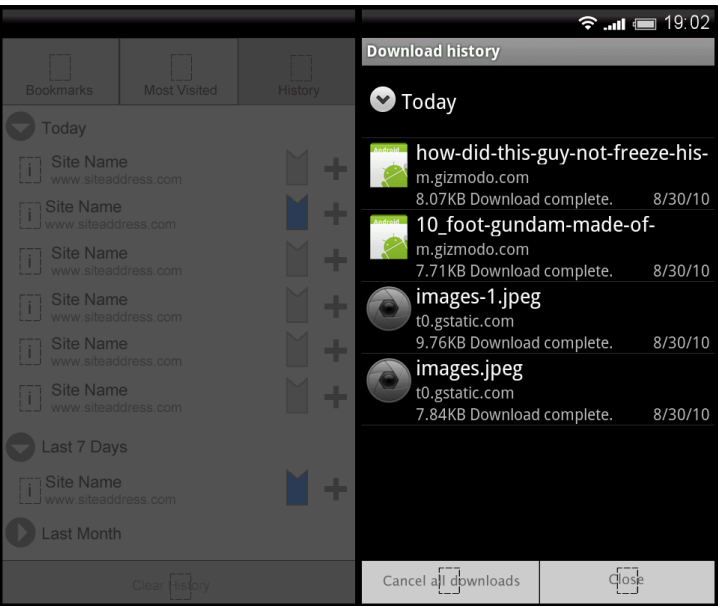
Example 2: Modal Launched from Control Panel



B.PD.1.20a.M1_LongPressBookmark

Example 3 : Full Screen Modal launched from Browser

Side



B.PD.1.31.M1_Downloads

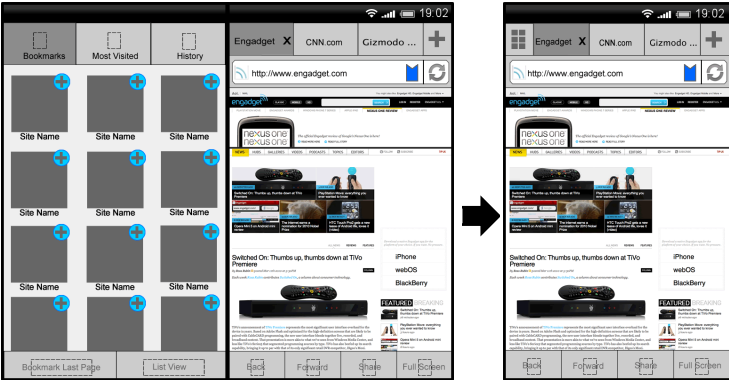
3.11 Minimizing Portrait Dual

When using the browser is minimized from Dual Screen to Single Screen the following criteria is used to asses which screen remains in view

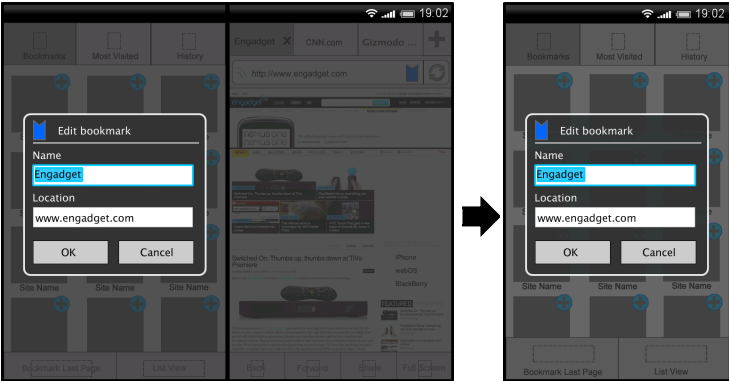
Priority 1 - Screen with a Modal (Inline or Full Screen)

Priority 2 - The Web Browser

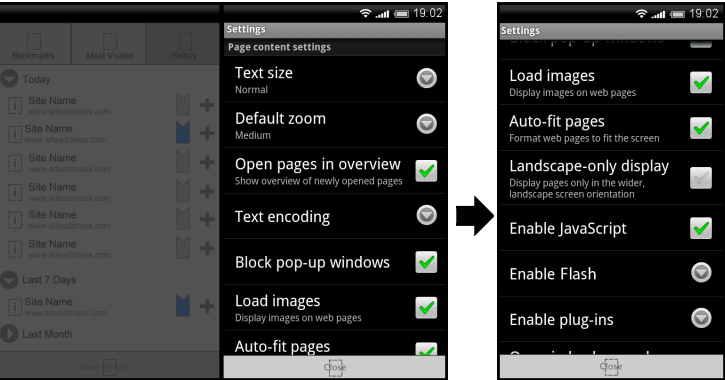
Example 1)



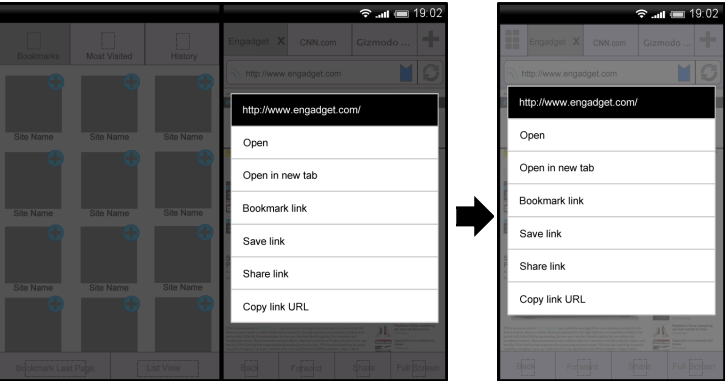
Example 2)



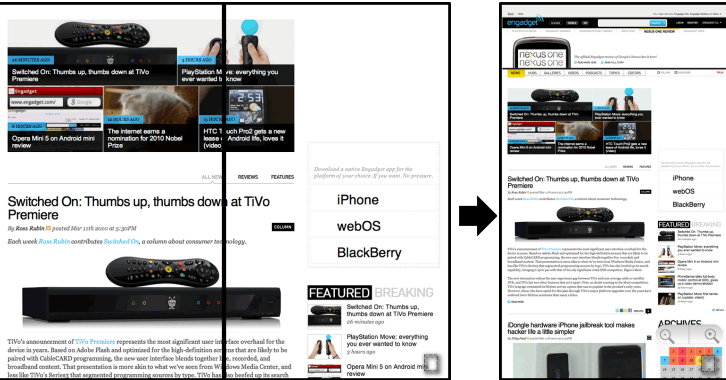
Example 3)



Example 4)

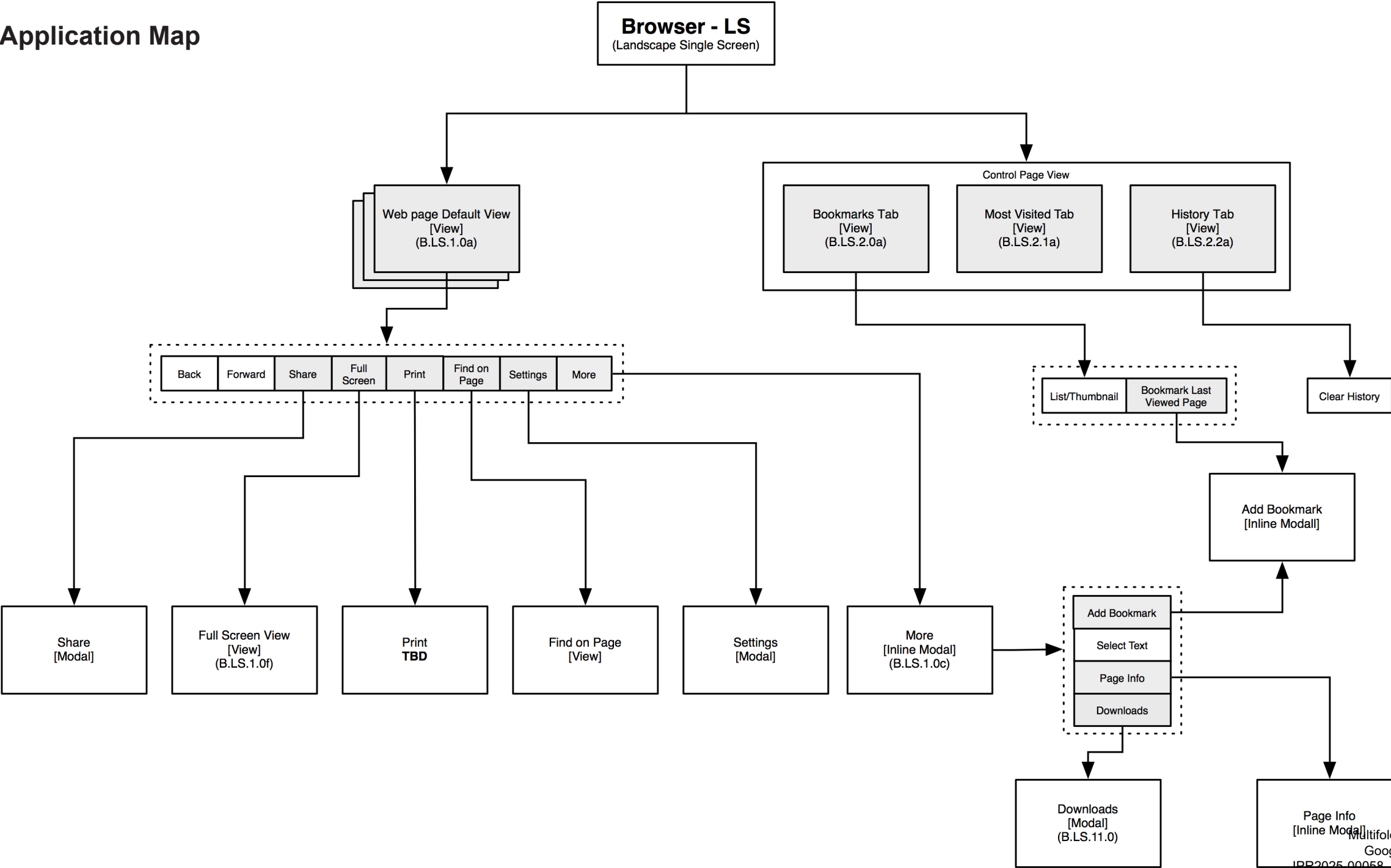


Example 5)



4 Landscape Single

LS Application Map



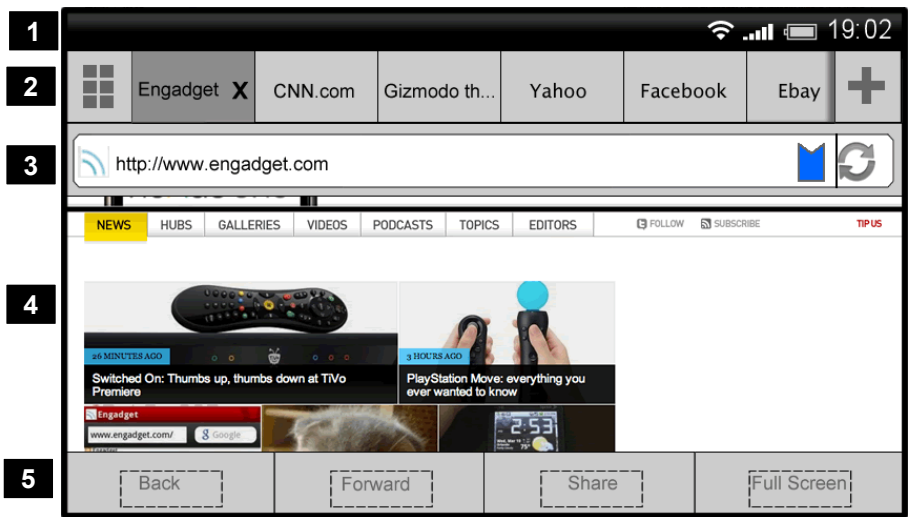
4.1 Browser Default View

This is the default view of the browser in Portrait Landscape mode.

Other than layout, all page functionality is consistent with “2.1 Browser Default View” on page 9

B.LS.1.0a_Default

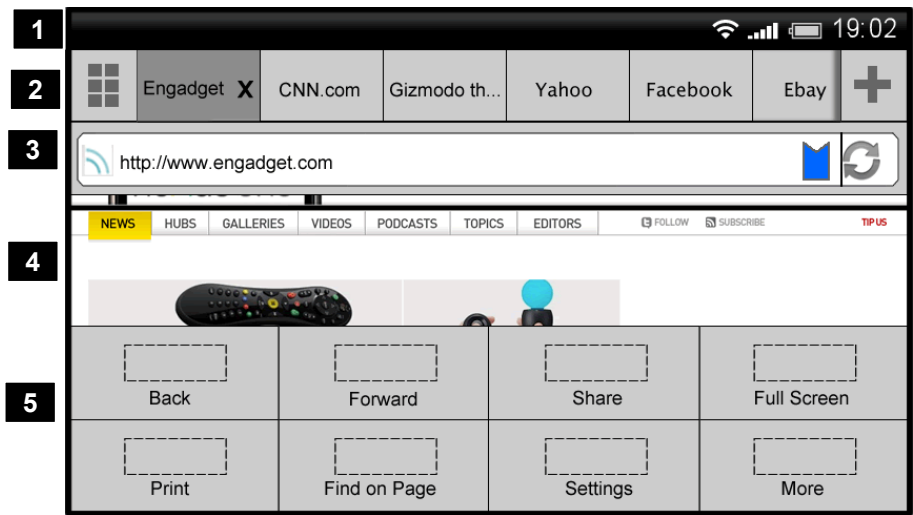
- 1. Notification Bar
- 2. Browser Tab Bar
- 3. Address Bar
- 4. Browser Canvas
- 5. Action Bar



4.2 Browser Full Action Bar View

B.LS.1.0b_Menu

- 1. Notification Bar
- 2. Browser Tab Bar
- 3. Address Bar
- 4. Browser Canvas
- 5. Extended Action Bar

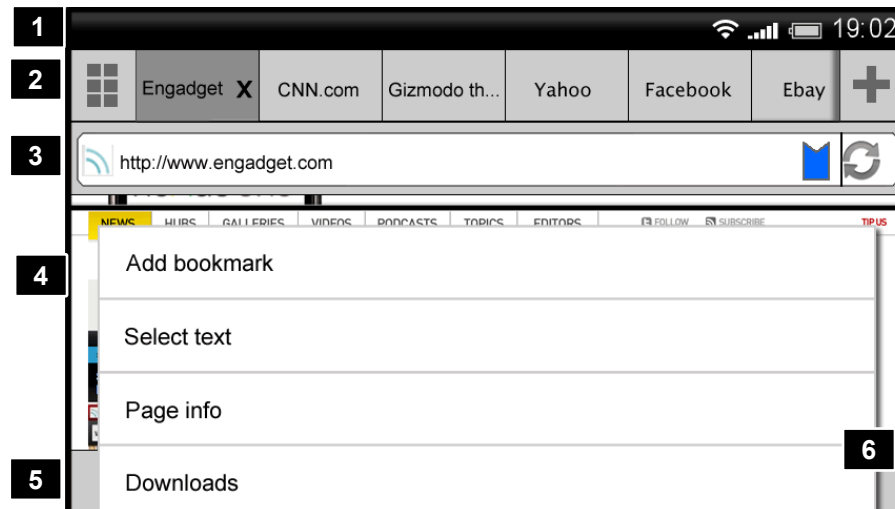


4.3 Browser More Menu

Other than layout, all page functionality is consistent with “2.5 Browser More Menu” on page 17

B.LS.1.0c_More

1. Notification Bar
2. Browser Tab Bar
3. Address Bar
4. Browser Canvas
5. Action Bar
6. More Menu

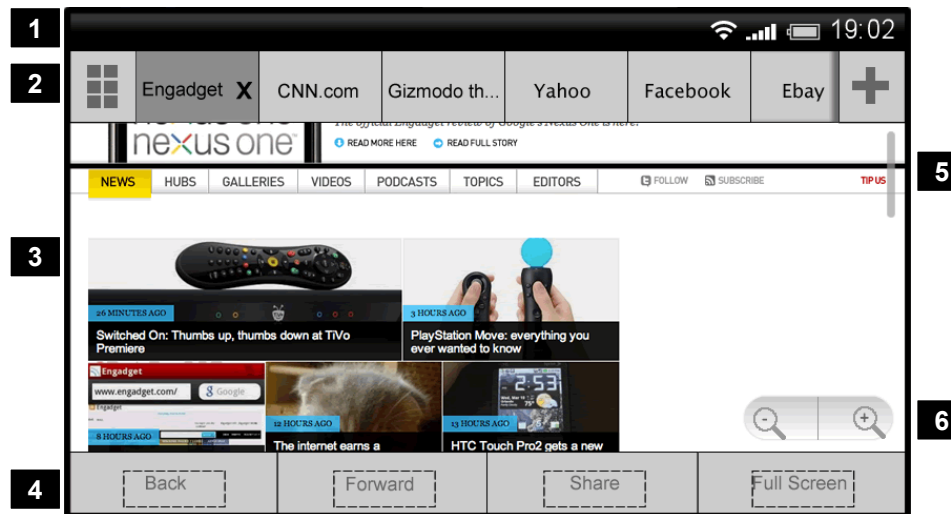


4.4 Browser Scroll View

Other than layout, all page functionality is consistent with “2.6 Browser Scrolled View” on page 18

B.LS.1.0d_Scroll

1. Notification Bar
2. Browser Tab Bar
3. Browser Canvas
4. Action Bar
5. Page Scroll View
6. Zoom Buttons

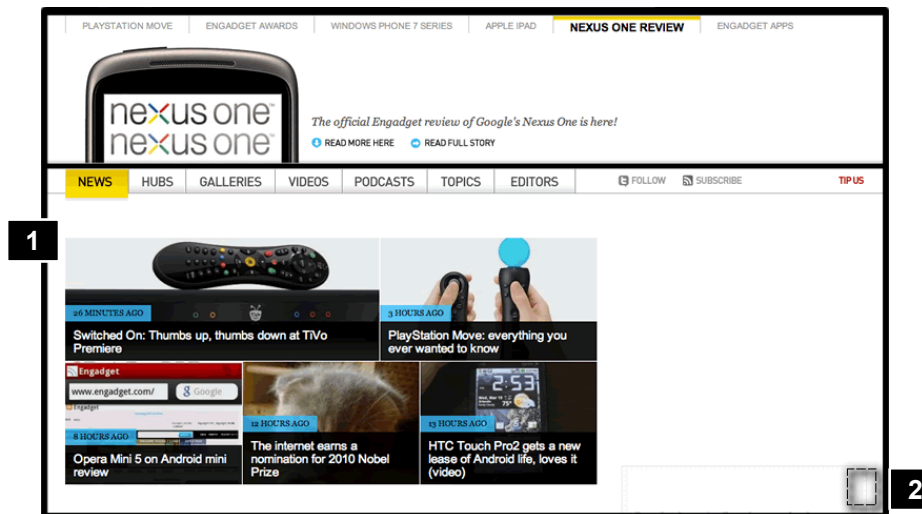


4.5 Browser Full Screen View

Other than layout, all page functionality is consistent with “2.7 Browser Full Screen” on page 19

B.LS.1.0f_Full

1. Browser Canvas
2. Full Screen Toggle

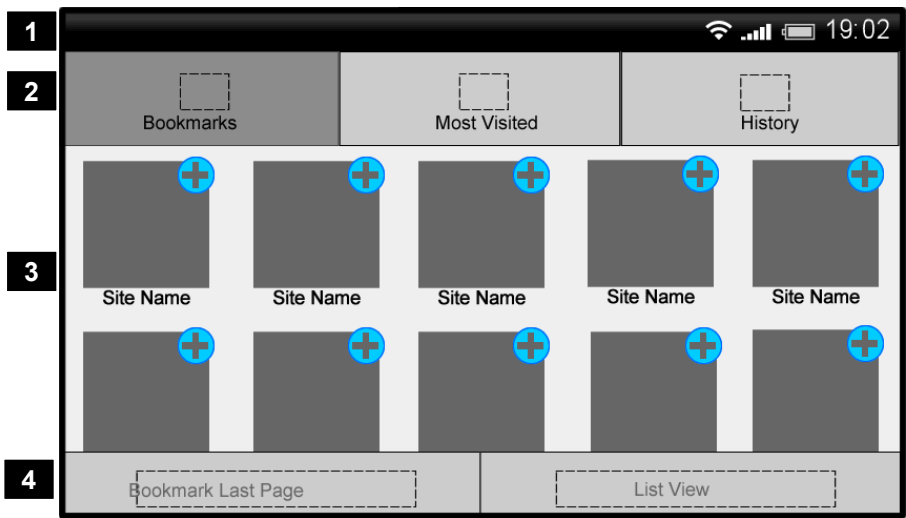


4.6 Control Panel Bookmarks View

Other than layout, all page functionality is consistent with “2.10 Control Panel - Bookmark Tab” on page 22

B.LS.2.0a_Bookmarks

- 1. Notification Bar
- 2. Control Panel Tab Bar
- 3. Bookmark Thumbnail Table
- 4. Action Bar

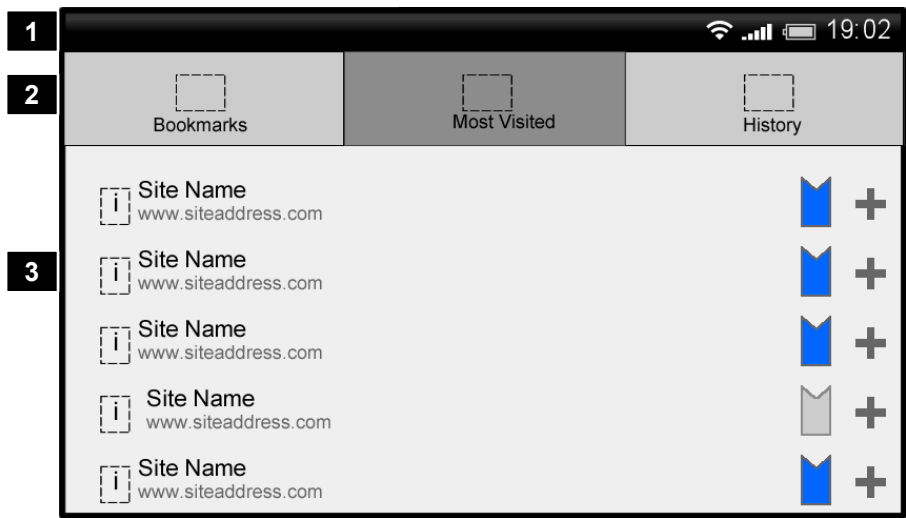


4.7 Control Panel Most Visited View

Other than layout, all page functionality is consistent with “2.12 Control Panel - Most Visited Tab” on page 26

B.LS.2.1a_MostViewed

- 1. Notification Bar
- 2. Control Panel Tab Bar
- 3. Most Visited List

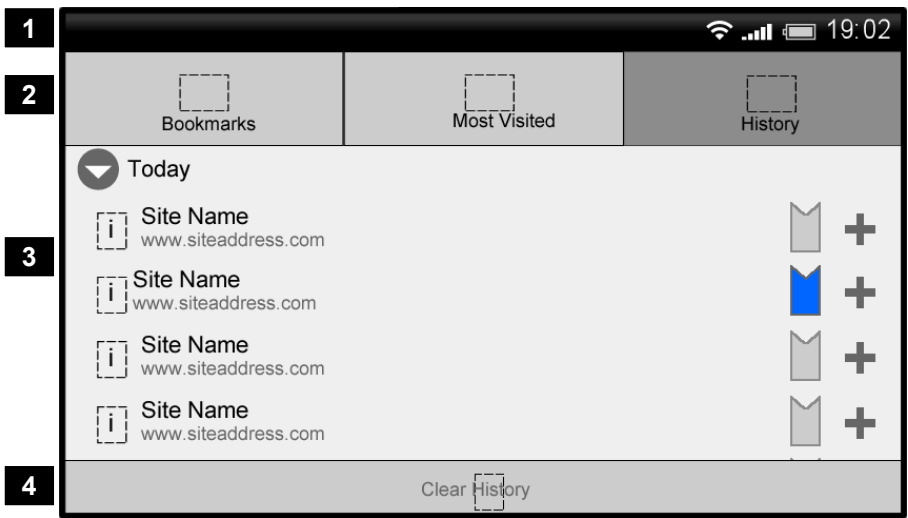


4.8 Control Panel History View

Other than layout, all page functionality is consistent with “2.13 Control Panel - History Tab” on page 27

B.LS.2.2a_History

- 1. Notification Bar
- 2. Control Panel Tab Bar
- 3. History List (collapse-able by category)
- 4. Action Bar



4.9 Browser and Control Panel Components

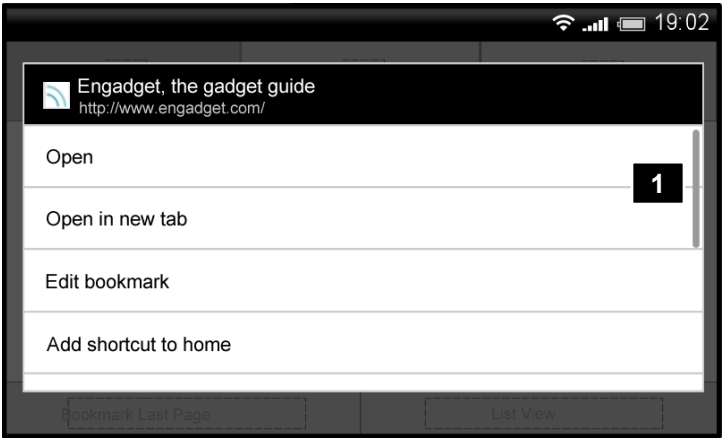
When used in Landscape Single Screen, both the Control Panel and Browser retain all the same components as they do in the Portrait Single Screen modes.

.See “2.2 Browser Components” on page 10 and “2.11 Control Panel Components” on page 23

4.9.1 Modals

Due to the decrease in vertical space many modal menu’s may require scrolling to access all content. Modals that can be scrolled will display a scrolling indicator (1). This is standard Android behavior .

Example 1 : Bookmark Long Press Modal



B.LS.2.0a.M1_BookmarksLongPress

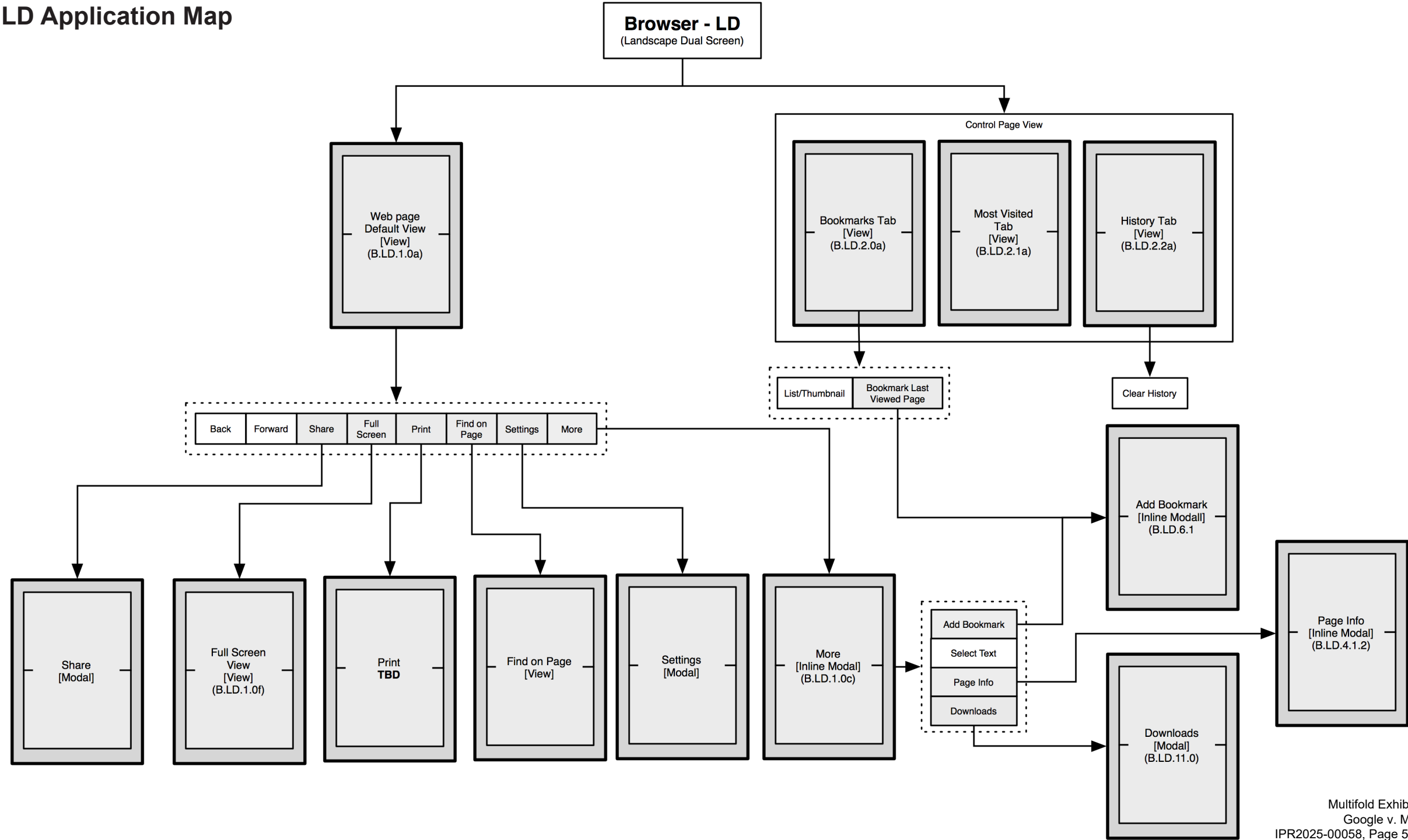
Example 2: : Full Screen Downloads Modal

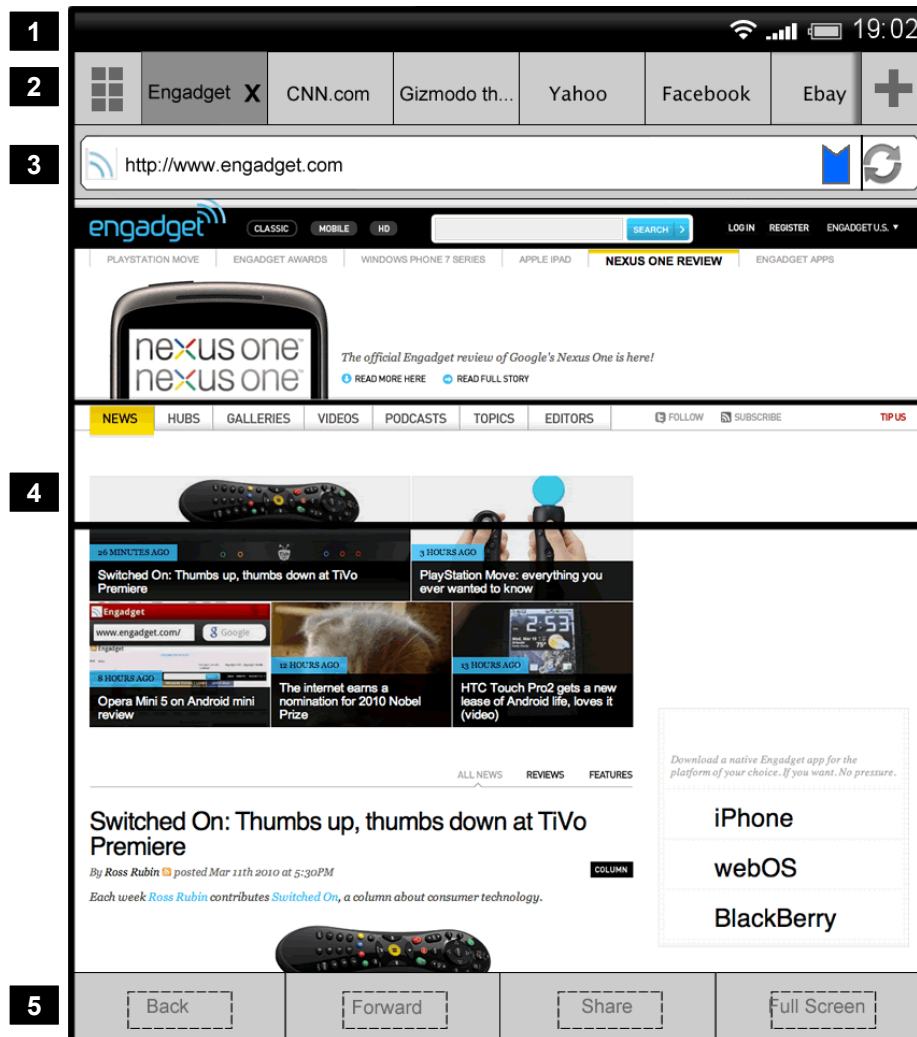


B.PD.1.31.M1_Downloads

5 Landscape Dual

LD Application Map





5.1 Browser Default View

This is the default view when the browser is used in Landscape Dual mode. The behavior follows the behavior of Portrait Single.”2.1 Browser Default View” on page 9

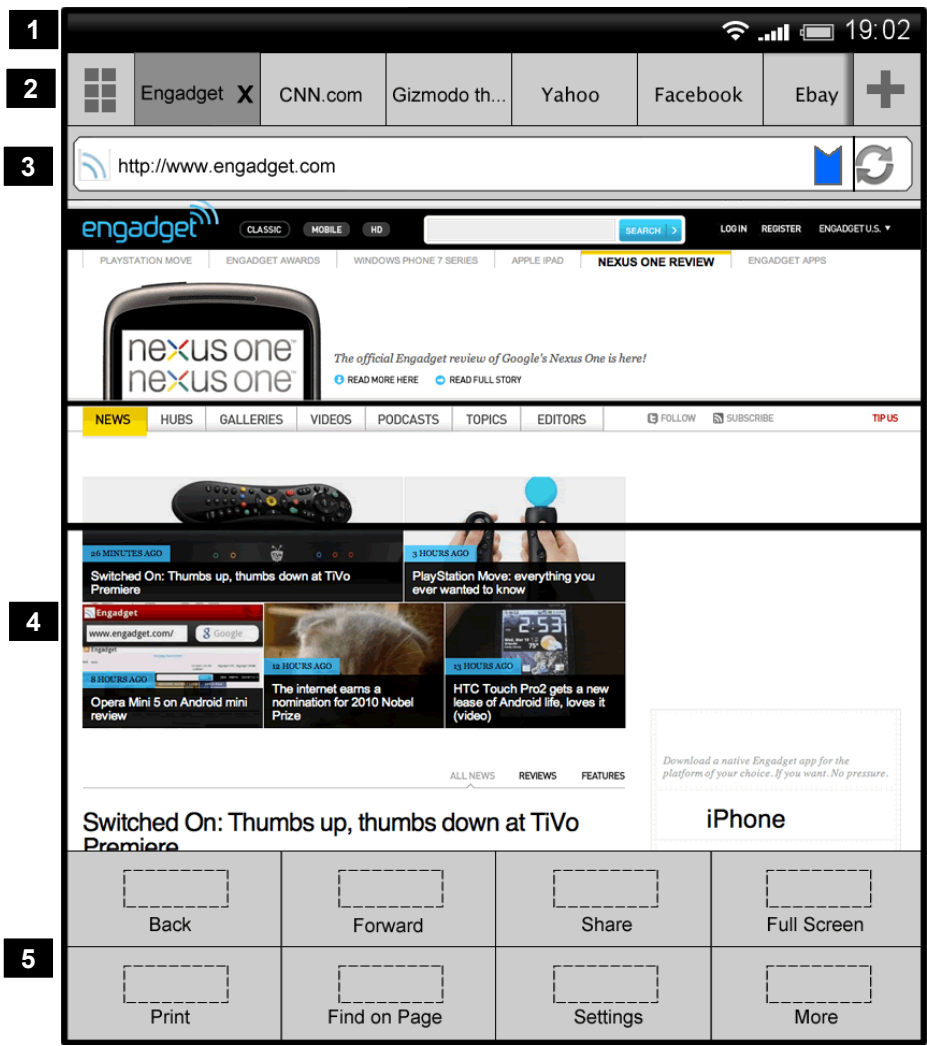
B.LD.1.0a_Default

1. Notification Bar
2. Browser Tab Bar
3. Address Bar
4. Browser Canvas
5. Action Bar

5.2 Browser Action Bar View

B.LD.1.0b_Menu

1. Notification Bar
2. Browser Tab Bar
3. Address Bar
4. Browser Canvas
5. Action Bar

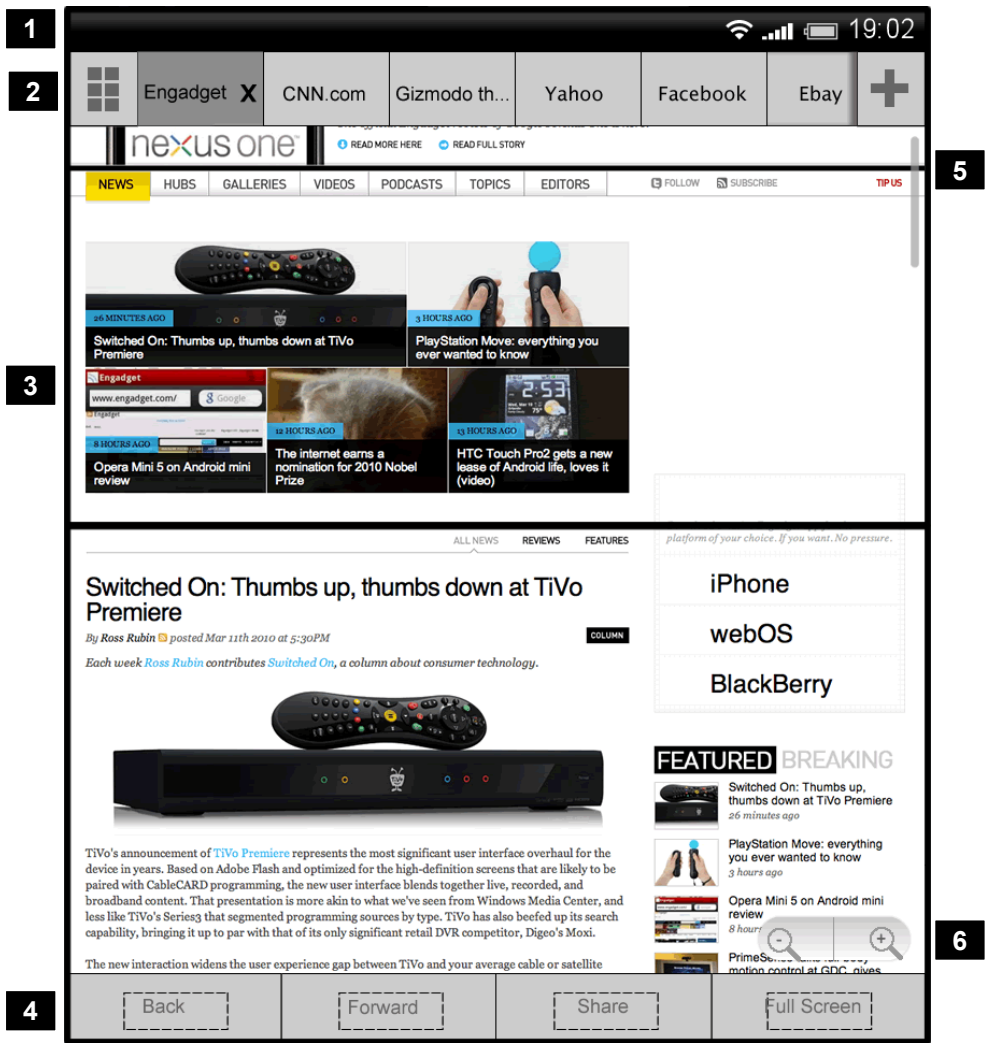


5.3 Browser Scroll View

This behavior follows the behavior of Portrait Single “2.6 Browser Scrolled View” on page 18

B.LD.1.0d_Scroll

1. Notification Bar
2. Browser Tab Bar
3. Browser Canvas
4. Action Bar
5. Page Scroll Overlay
6. Zoom Buttons



5.4 Browser Full Screen View

This behavior follows the behavior of Portrait Single “2.7 Browser Full Screen” on page 19

B.LD.1.0f_Full

- 1. Browser Canvas
- 2. Full Screen Toggle



5.5 Control Panel Bookmark View

This behavior follows the behavior of Portrait Single “2.10 Control Panel - Bookmark Tab” on page 22

B.LD.2.0a_Bookmarks

1. Notification Bar
2. Control Panel Tab Bar
3. Most Visited List
4. Action Bar

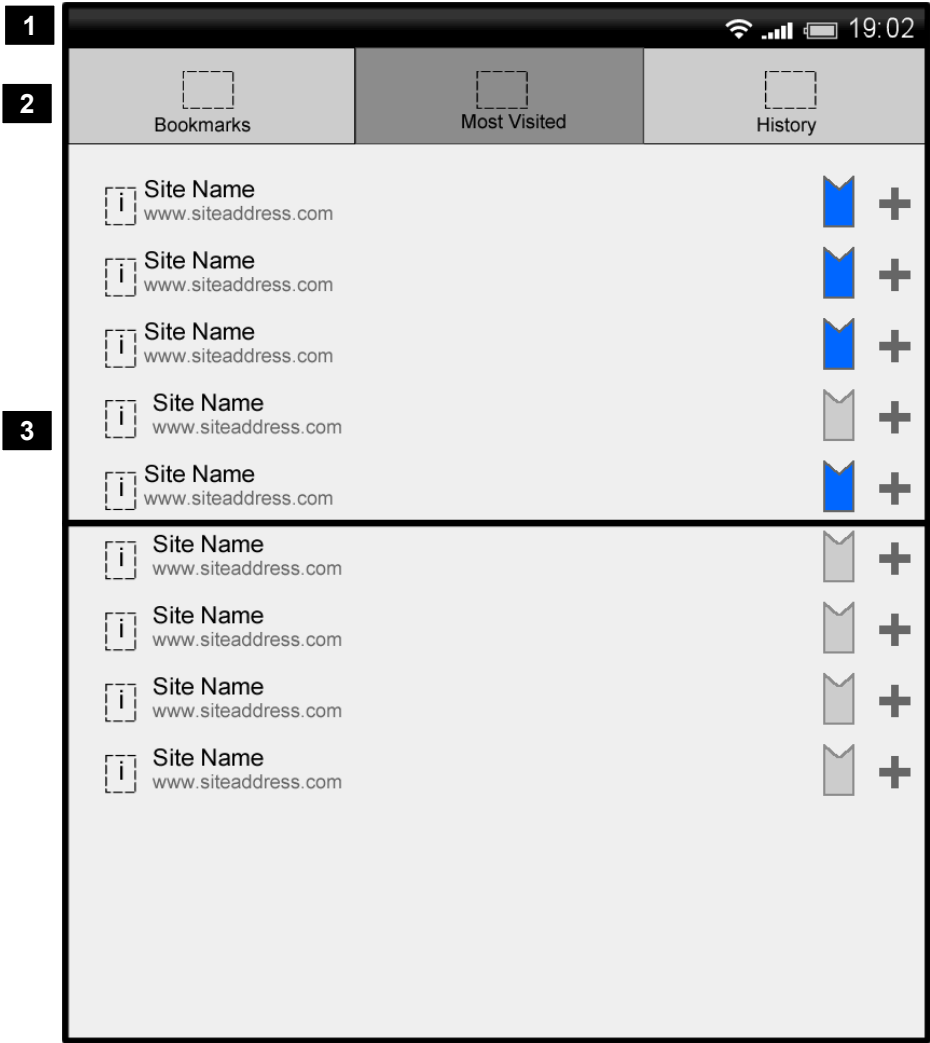


5.6 Control Panel Most Visited View

This behavior follows the behavior of Portrait Single “2.12 Control Panel - Most Visited Tab” on page 26

B.LD.2.1a_MostViewed

- 1. Notification Bar
- 2. Control Panel Tab
- 3. Most Visited List

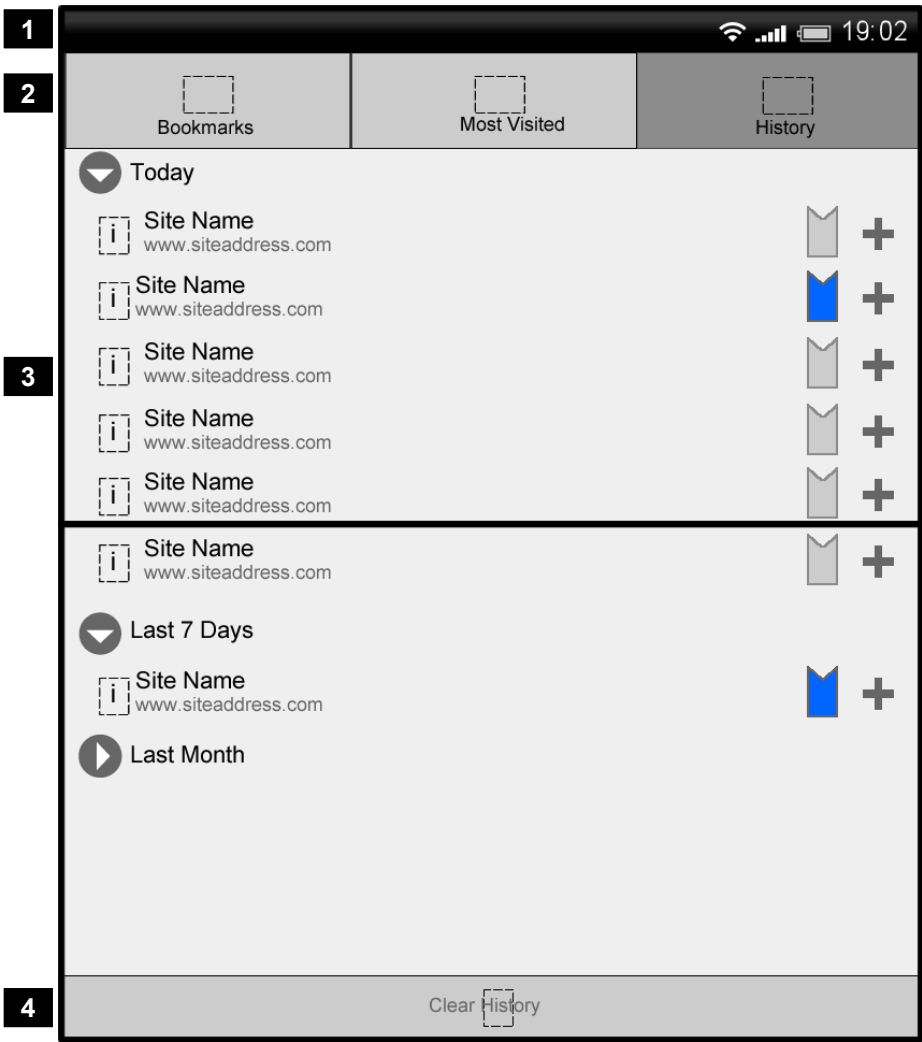


5.7 Control Panel History View

This behavior follows the behavior of Portrait Single “2.13 Control Panel - History Tab” on page 27

B.LD.2.2a_History

- 1. Notification Bar
- 2. Control Panel Tab Bar
- 3. History List
- 4. Action Bar



5.8 Browser and Control Panel Components

When used in Landscape Dual Screen, both the Control Panel and Browser retain all the same components as they do in the individual Single Screen modes.

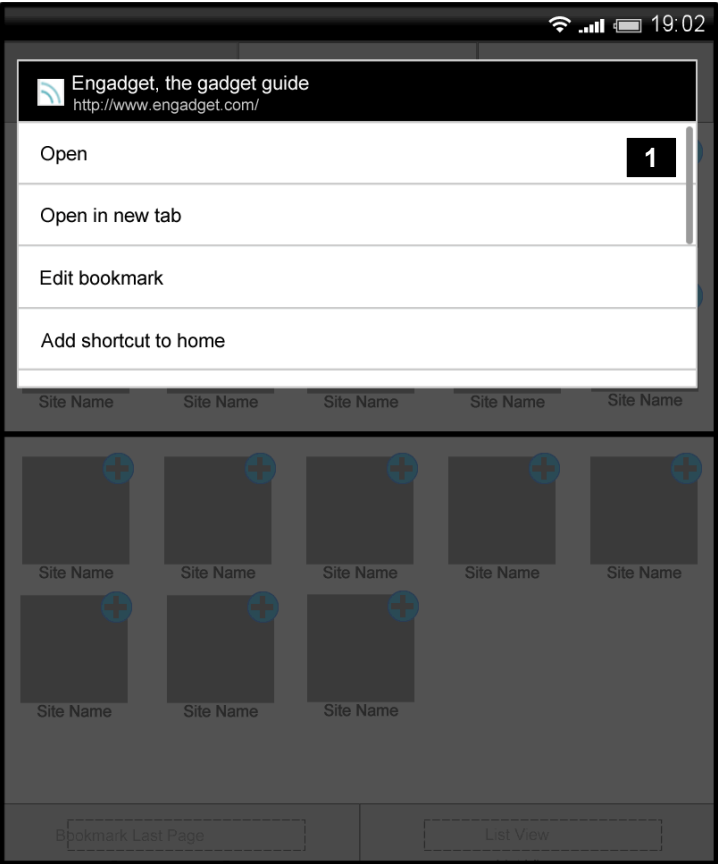
.See “2.2 Browser Components” on page 10 and “2.11 Control Panel Components” on page 23

5.8.1 Modals

Inline modals always appear on the top screen when using the Browser in Landscape Dual. The modal will not span the two screens

Due to the decrease in vertical space many modal menu’s may require scrolling to access all content. Modals that can be scrolled will display a scrolling indicator (1). This is standard Android behavior .

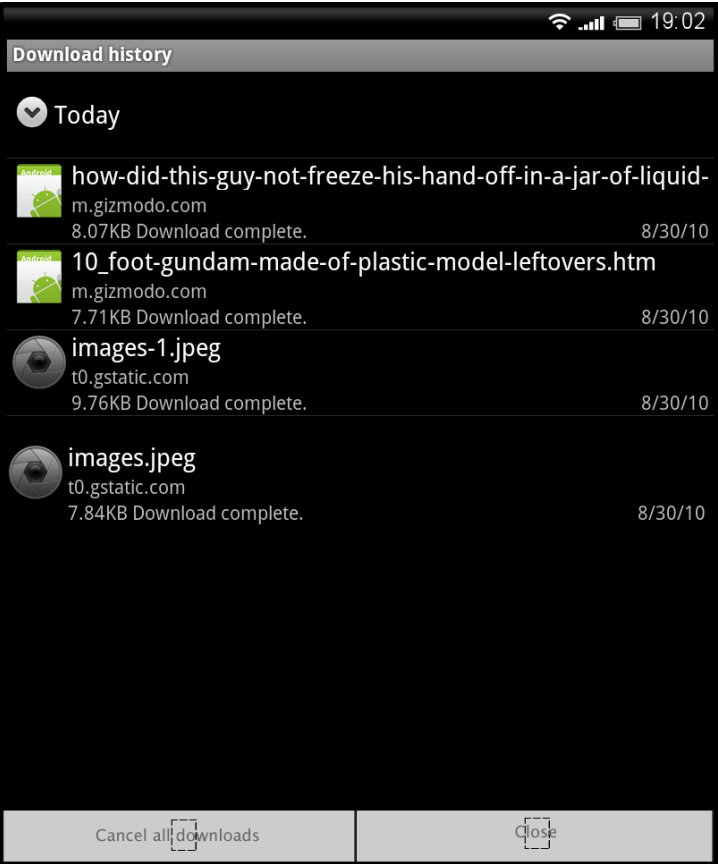
Example 1 : Bookmark Long Press Modal



B.LD.2.0a.M1_BookmarksLongPress

Full Screen Modals span both screens when using Landscape Dual Model.

Example 2: : Full Screen Downloads Modal



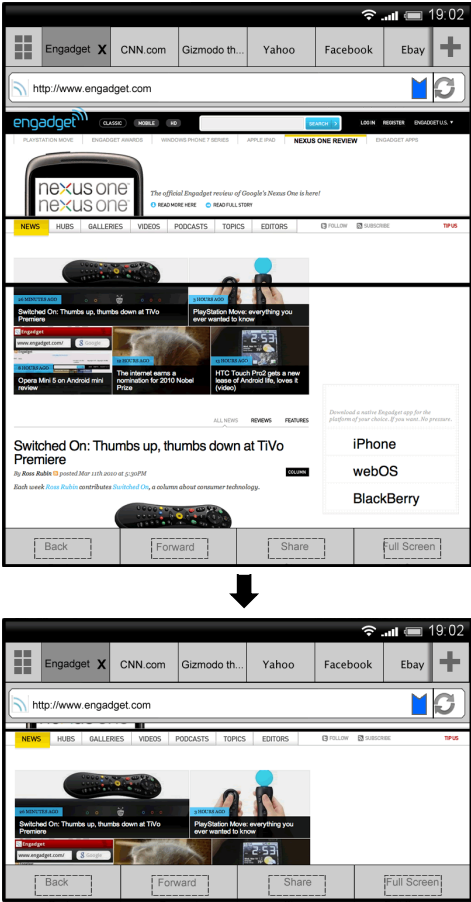
B.PD.1.31.M1_Downloads

5.9 Minimizing Landscape Dual

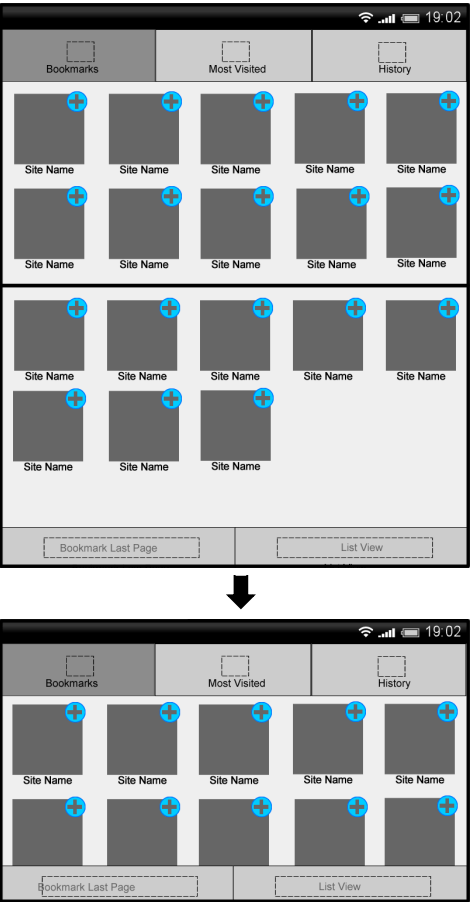
When using the browser is minimized from Dual Screen to Single Screen the application is reverted to it's Landscape Single view.

Since the Landscape Dual View always provides only a single view, minimization is straightforward.

Example 1)



Example 2)



Example 3)

