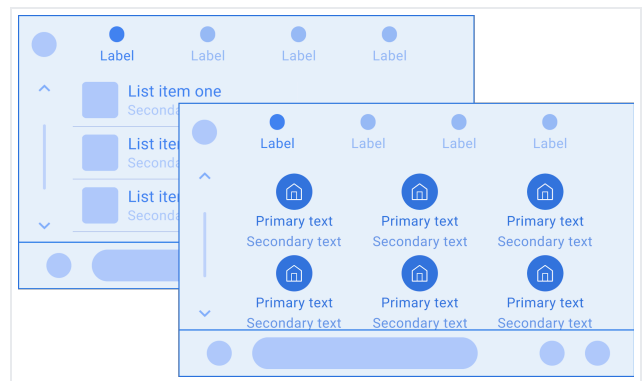# Tab template

The Tab template acts as a container for other templates listed below, providing tabs across the top (as shown in <u>Anatomy of the Tab template</u> (#anatomy)).

The tabs allow switching among views. This capability is particularly useful for organizing content or views that users will want to browse or search.

Includes:

- Tab bar with app icon and up to 4 tabs (no back button)

- Embedded template, which can be any of the following types:

  - <u>List</u>
    (/cars/design/create-apps/apps-for-drivers/templates/list-template)

  - <u>Grid</u>
    (/cars/design/create-apps/apps-for-drivers/templates/grid-template)

  - <u>Search</u>
    (/cars/design/create-apps/apps-for-drivers/templates/search-template)

  - <u>Pane</u>
    (/cars/design/create-apps/apps-for-drivers/templates/pane-template)

  - <u>Message</u>
    (/cars/design/create-apps/apps-for-drivers/templates/message-template)
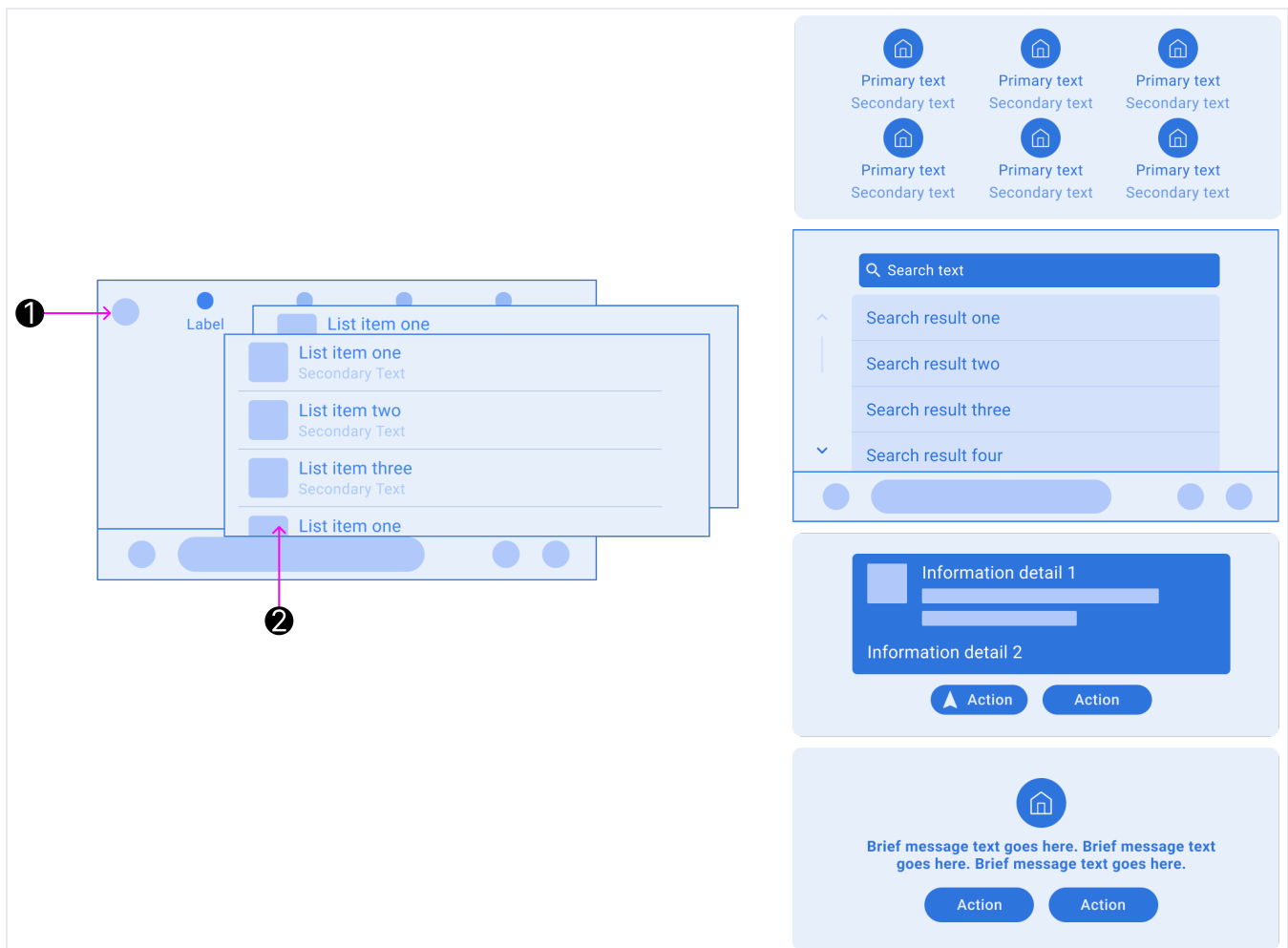
- <u>Navigation</u>
  (/cars/design/create-apps/apps-for-drivers/templates/navigation-template)

Each tab view corresponds to one embedded template, and only one tab view can be active at any given time.

Note: Headers from embedded templates are ignored because the space that would normally be used for the header is used for the tab bar.
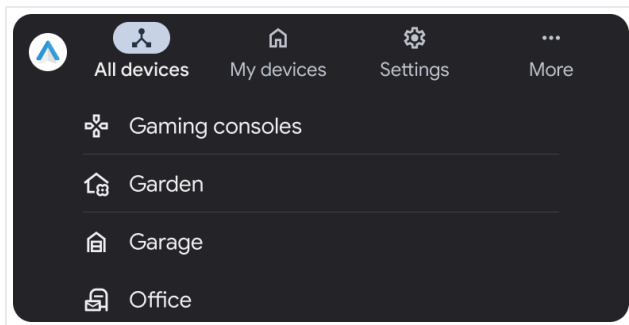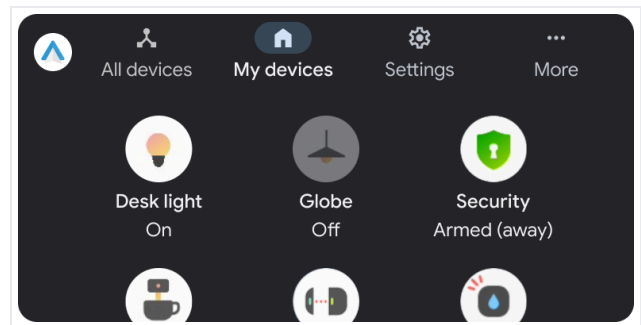
Anatomy of the Tab template

The Tab template consists of the following elements:

1.   **Tab bar**, *which can show up to 4 tabs*

2.   **Embedded template**, *using one of the following templates: List, Grid, Search, Pane, Message, or Navigation*

Tab template examples

The "All devices" tab view is created using a Tab template that contains a List template (Android Auto example)

The "Home devices" tab view is created using a Tab template that contains a Grid template (Android Auto example)

Tab template UX requirements

App developers:

MUST	Provide monochromatic vector icons for each tab.
MUST	Include at least 2 and no more than 4 tabs in the app header.
MUST NOT	Allow more than 1 tab to be active at a time.
MUST NOT	Create a secondary navigation by adding a second level of tabs.
SHOULD	Use short tab labels to avoid truncation.
SHOULD NOT	Rely on a header or action strip in embedded templates.