Base components

The Base component library is a collection of highly reusable UI elements that are expected to be of the highest possible quality as they are reused across multiple platforms and multiple brands.

Generally speaking, you can think of Base components as the "atoms" and occasionally "molecules" of the Atomic design model. When used together, they can be used to compose "organisms" and more complex UI patterns.

Even though UDS Base components are built with React Native, UDS tooling enables these components to be consumed as if they were regular React components. If you're building a web application you don't need to do anything extra to use these components. Similarly if you're building an app or experience using React Native (including with expo) the components can just be used as-is from the main `@telus-uds/ds-allium` package.

UDS themes allow Base components to be used by multiple brands. Every UDS Base component supports a variant prop - this can be used for specifying the visual variant to use, or left off if the default is required. The variants available are documented in the components' documentation pages. UDS Base components will have a Library field of "UDS Base" on their documentation page.

Quality criteria

In order for a component to be considered for base it must:

- **Have a stable API**. Once committed, API changes will be accepted in exceptional circumstances to reduce the integration burden on teams accepting new versions.
- **Accept design tokens via properties**. Base components are expected to be visually customizable using UDS themes.
- **Meet the documentation requirements**, including documenting all properties, states and variants and include storybook stories allowing for live experimenting with the component.
- **Meet the testing requirements for quality and accessibility**. This includes automated tests using React Testing Library. Test coverage is

measured and base components should include tests for the majority of the code paths.

All component contributions should be captured using GitHub [Issues](#). A complete list of criteria is provided in the [component checklist](#). This checklists ensures that contributed components cover all the necessary requirements and are completed to the highest possible standards before requesting a review. They also help guide the reviewer to make sure all technicalities are addressed.

Once a component meets the criteria described above, a GitHub pull request can be created in the same manner as all other contributions (see [contributing to UDS](#)). This implies that the contributors of the component will provide a **30 day warranty** for contributions made to the component. The contributor(s) of the component will have their name(s) included in a contributed by note.

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