**Radio button**

Radio buttons allow users to select only one option from a list of options. They benefit the user by decreasing the chance of user error. For example, for a true or false question, the user may only select one option.

* **Usage and Function:** ~~The component allows the user to select only one option from the radio group. Each radio button has a value attribute that should be set when creating the radio button. This distinguishes what radio button is selected out of the radio group.~~
* **Value of component:** <input type="radio"> -- defines a radio button radio

**{Component in HTML/CSS and PrimeNG}**

**{Code blocks for use}**

**(Radio button) When to use radio buttons**

* If there is only one accepted answer, then use a radio button. For example, offering a choice of saying “yes” or “no” to giving permission for release of information.
* You can also use a radio button to toggle between showing and hiding a field.

**(Radio button) When not to use radio buttons**

* Avoid radio buttons for lists of more than six options.
* If you lack enough space for radio buttons, use a select component - however be aware of their accessibility limitations.
* Use checkboxes instead of radio buttons for questions with multiple accepted answers.
* If a user needs to select zero options or change their mind on an answer, include a

**(Drawer title) Accessibility for {component name}**

Details about accessibility implementation

* Group related radio buttons together with <fieldset> and describe the group with <legend>.
* Each radio button should have a <label>. Associate the two by matching the <label>’s for attribute to the <input>’s id attribute.
* Always have the radio to the left of the labels for users using screen magnifiers

**(Drawer title) Best practices for {component name}**

* Additional best use information that would make the user experience more efficient/enjoyable aka that grey zone of not required but a good idea to do
* If a radio button is checked, the radio element has aria-checked set to true. If it is not checked, it has aria-checked set to false.
* Users should be able to select either the text label or the radio button to select or deselect an option.
* Make sure selections are adequately spaced for touch screens. Consider using the tile variant for larger touch targets.
* Set default values with caution