A Group Box is used to represent information that is related in some way. For instance, information about an assortment of laptops, smartphones, or audio CDs can be collected into individual Group Boxes.

A Group Box is an instance of the QGroupBoxclass and appears in a frame with a title.

A Group Box can be set to appear with its title, and all child widgets within it can be enabled or disabled just by checking or unchecking the checkbox.

A shortcut key can also be assigned to a Group Box so that the focus of the keyboard can be set to one of the Group Box's child widgets.

The properties of the Group Box are these:

checkable: Enable this property to display a checkbox in the Group Box's title. The child widgets in a checkable Group Box are enabled only when the checkbox is checked. By default, Group Boxes are not checkable. If this property is enabled for a Group Box, it will be checked to ensure that its contents are enabled.

flat: By enabling this property, the space consumed by the Group Box is reduced. The methods supported by the QGroupBoxclass are these:

isCheckable(): This method returns true if the Group Box has checkboxin its title; otherwise it returns false.

isChecked(): This method returns true if the Group Box is checked.

setChecked(): This method determines whether to display a checkbox in the Group Box's title. A Boolean true value to this method makes the Group Box checkable