

Example 1 A:

Develop an application that uses GUI components

GUI Components:

GUI Components - Graphical User Interface Components.

In android **GUI Components** (Graphical User Interface Components) are used to design the user interface of an application. We have a wide variety of **GUI Components** available; those are **TextView**, **EditText** and **Button**...etc.

Generally the user interface of an android application is made with a collection of **View** and **ViewGroup** Objects.

View: **View** is a base class for all **GUI Components** in android and it is used to create an interactive **GUI Components** such as **TextView**, **EditText** and **Button**...etc.

ViewGroup: **ViewGroup** is a subclass of **View** and it will act as a base class for Layouts and Layout parameters. **ViewGroup** will provide invisible containers to hold other **Views** and **ViewGroups** and to define layout properties.

In this example, we will concentrate on three GUI Components

- **TextView**
- **EditText**
- **Button**

TextView:

TextView is a Graphical User Interface Component that is used to display the text to user.

EditText:

EditText is a Graphical User Interface Component that is used to get inputs from the user.

Button:

Button is a Graphical User Interface Component that is used to perform an action when the user clicks or tap on it.