ANDROID COMPONENTS:

1.Activity:

Activity is the user interface with the help of activity user can communicate with your application.

In your applications as per our requirements we can increase number of activities but out of these all activity only one will be Main Activity.

Main Activity means the activity which launch at the first time when application starts.

Ex. E-mail application contains different activity like inbox activity to receive Email, sent mail activity to store the list of sent Emails etc.

2. Service:

Service is the component which works in the background .To perform long running background job we have service component. Service is not visible to the user directly.

Ex. We can play music in the background while running any other application.

3.Content Provider:

In some cases it is necessary that one application can require data from other application. ContentProvider class helps us to perform data sharing between multiple application

Ex. WhatsApp contents with gallery application to get images.

4.BroadCastReceiver:

BroadCastReceiver component helps to listen and create broadcast message like battery low alerts, sms notification, system update etc.

When any of these events occurs it brings the application into action by either creating a status bar notification or performing a task.

Unlike activities , android BroadCastReceiver doesn't contain any user interface. BroadCastReceiver is generally implemented to delegate the task to services depending on the type of intent data that's received.