Content Providers

It is the way to make the private data of an application sharable with other applications.

# Access URI

Every Content Provides creates a URI access link.

Example:



## Parts of URI

1. Scheme: 
2. Authentication: name of the provider
3. Path: Path to the database table

There are two modules to work with Content Providers:

# Content Resolver

Read, write, or update the shared data.

It requires five things

1. URI of data
2. Selection of Columns, also called Projections, as String Array
3. Selection Clause OR where clause as String Array
4. Selection Arguments
5. Sort Order: Ascending or Descending

## Create an application that reads contact names from the phone

Give Permissions



Code:



# Content Provider