



SNS COLLEGE OF TECHNOLOGY, COIMBATORE –35
(An Autonomous Institution)
16CS306 and Composing Mobile Apps
UNIT 3



Enterprise data access via Intranet

Applications can access a content provider indirectly with an Intent. The application does not call any of the methods of ContentResolver or ContentProvider. Instead, it sends an intent that starts an activity, which is often part of the provider's own application.

The destination activity is in charge of retrieving and displaying the data in its UI. Depending on the action in the intent, the destination activity may also prompt the user to make modifications to the provider's data.

An intent may also contain "extras" data that the destination activity displays in the UI; the user then has the option of changing this data before using it to modify the data in the provider.

Implementing a content provider involves always the following steps:

1. Create a class that extends `ContentProvider`
2. Create a contract class
3. Create the `UriMatcher` definition
4. Implement the `onCreate()` method
5. Implement the `getType()` method
6. Implement the CRUD methods