

Assignment 3

Title : Android database connectivity

Problem Statement : Android DB connectivity
create an application for the android
application or perform CRUD operation
in the application

Theory :

* SQLite

→ SQLite is an SQL db

→ Android SQLite is very lightweight db
which comes with Android

→ SQLite combines a clean SQL
interface with a very small m/m
footprint & decent speed.

* Database Connection

1) Database Package

main package → Android, database,
SQLite



2) Database Creation

```
SQLite Database mydb =  
OpenHelper(CreateDatabase("dbname",  
MODE_PRIVATE, NULL));
```

3) Database insertion

```
mydb.execSQL("create table  
Syntax");  
mydb.execSQL("insert into  
table query");
```

1) Database fetching

We can retrieve anything from db using an object of cursor class.

```
Cursor result = mydb.rawQuery("select  
* from db", null);
```

```
result.moveToFirst();
```

```
String uname = result.getString(0);  
String pass = result.getString(1);
```

Conclusion -

In this assignment, I have performed db connectivity & created CRUD application