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Assignment No 3.

Title: Android Database Connectivity.

Problem Statement: Android database connectivity
Errate Soute application for Android application &
perform CRVD operation Careate, Read, update, Delete)
database applications

Theory:

of what is Solite?

Solite is Sol database. So in Sol database we state the data in tables, The tables are structure for string data consisting of rows & columns.

Androia Solite:

It is very lightweight database which comes with Android as Android Soute combines cham sou interface with very small memory footpunt le decent speed For android Soute, is "baked into" Android runtime, so every Android applications can create its own soule database.

Solite is typical relational database.

Android Solite Solite

Android has features available to handle changing database schemas, which mostly depends on using South Huper class

Solikopen Helper is designed to get uid of two very

when application runs first time - we do not yet have a database. So we will have to create the tables, inderen starier data see so on puric Data Base Helper (Control Control) & Super (Contact, DB NAME, nue, DB_VERSION);

opening & closing Android Salute database connection-Before performing any database operations like insert delite, update ricords in the table spin database connectionity by calling get writable Database () method The dottuper is an instance of the subclass of Salite Open Helper To close database connection, following method

> public DBManager open() throw SOIException? abtulper = new Database Helper (context); database = dbtelper-get/Nritable Database (); return this;

The abituper is an instance of subclass of Soliteopen Helper To class the database connection, following method is moked

> public void close () & db. Huper · close ();

Android Solite Cusor-

A cursor represents intil result set of query. Once query is fitched a call to cursor move To Frist() is made calling moveToFirst() does two things: It allows us to test whether gury returned as empty sets.

It more cursor to first result

Dublic Custom Fetch () & String[] columns = new String[] & Database Helper JD, Database Helper. SUBJECT Databasetuper. DESC 3; Cursor cursor = database guery (Database Hupes -TABLE NAME, columns, null null, null, null,

if (ausor != NULL) & sursof move To First ();

return cursor;

Conclusion: To this assignment, I have learnt show to use solite DB & perform CRUD operation on it And Android Studio How to use ausor.