**Android Fundamentals Final Project**

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**Project Title:** Android School Database Application

**Android Studio Version:** 1.0.2

**Target SDK Version:** 21

**Minimum SDK Version:** 10

**Project Description**

The Android School Database Application is a simple app that manages Students, Courses, Enrollments and Assessments. The student module registers students and stores the students’ details (Index Number, First Name, Last Name, Programme, and Level) in the Students table.

Similarly, the course module registers courses and stores the courses information (Course Code, Course Title, and Credits) in the Courses table. The enrollment module enrolls students on courses stores the enrollment information (Index Number, Course Code, Academic Year, Semester,) in the Enrollments table.

The assessment module stores the students’ assessment records (Index Number, Course Code, Academic Year, Semester, Attendance, Mid-Semester Score, and Final Exams Score) in the Assessment table.

A SQLite database was used to create the database. A Content Provider class and SQLiteOpenHelper class were used to provide the data access.

**List of References**

**Books**

1. Ryan Hodson, *Android Programming Succinctly,* Syncfusion, 2014
2. Rick Rogers, John Lombardo, Zigurd Mednieks & Blake Meike, *Android Application Development*, O’Reilly, 2009

**Websites**

1. Google Android Development Website, [developer.android.com](http://www.developer.android.com)
2. Android Tutorial, [www.tutorialspoint.com](http://www.tutorialspoint.com)
3. Adroid Programming Forums, [www.stackoverflow.com](http://www.stackoverflow.com)
4. Android Tutorials, <http://wptrafficanalyzer.in/blog/category/android/>