# **androidGO: An Introductory Course to Android App Development**

**TA Notes**

## Authors

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1. Introduction Module: Students should be able to:
   1. Set up a new Android Project, know the project directory structure.
   2. Set up an Android Device for testing
   3. Understand the Activity life cycle
2. I/O Module: Students should be comfortable with:
   1. Creating UI Widgets like Text Fields and Button
   2. Creating a Toast
   3. Using Intents to Switch between Activities
   4. Using Fragments within an activity
3. Communication: Students should be able to:
   1. Understand how to use SMS API
   2. Understand File I/O
   3. Modifying permissions
4. Databases: Students should be able to:
   1. Creating and retrieving data from a SQLite database
5. Services: Students should be able to:
   1. Implement functions in the background
6. Build an Entire App: Save My Soul:
   1. Integrate all the modules to create a fully functional application

\*These notes are supplementary to the main Student Notes document.