

Term Project

CS235AM, Intermediate Mobile Application Development: Android

Introduction

The purpose of this project is to give you practice using basic Android app programming concepts and techniques.

Proposal

Write an app proposal that contains a two or three paragraph written description, a list of features, and a simple diagram for the UI of each activity and/or fragment in the app.

Requirements

The application must have the following:

- At least 5 kinds of widgets one of them should use an adapter (like a Spinner or a ListView)
- At least 2 activities or fragments
- The activity layout should change for screen orientation.
 - If you are using fragments there should be activity layouts that load different arrangements of fragments for different orientations.
 - If you are not using fragments, then each activity should have a different layout for each orientation.
- Save activity and/or fragment state during rotation. Design your app so that there is at least one variable or object that will be persisted during rotation.

Presentation

You will present a demo of your app and a brief code walk-through on the day scheduled for the final exam.

Submission:

Zip the solution folder (first, delete the bin and obj folders) and upload it to Moodle.

Note: If your zipped solution file is larger than 10MB, you won't be able to upload it to Moodle. Instead of uploading it to Moodle, you can upload a document with a link to some kind of online storage containing your project (Dropbox, iCloud, GitHub, BitBucket, etc.).