![UOIT - CHALLENGE INNOVATE CONNECT]

Faculty of Science

Course:	CSCI 4100U: Mobile Devices
Lab Assignment:	#10
Topic:	Media Playback

Overview

In this lab, you will create an application that can play various media (sounds, music, video). For this lab, you will need to create a new application.

Detailed Instructions

PlayMedia Activity

For this application, your main activity (PlayMedia) will show a user interface for playing either songs or videos. The activity should let the user select a media file. The media files can be a hardcoded list (e.g. an array in the arrays.xml file) of resources from the 'raw' folder. When a new file is selected, a MediaPlayer object should be created; how that MediaPlayer object gets created will depend if the file is an MP3 song or an MP4 video. The video will load the video and attach the media player to the screen element for video playback (taken from the example, if you like).

play_media_activity.xml

At the top, a spinner should be provided to let the user select a media file. At the bottom of the screen, buttons for play and pause should be included. These buttons can be text-based or image/icon-based, your choice. Play should cause the video/song to play, pause should pause it.