Jansons Institute of Technology

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Coimbatore, Tamil Nadu – 641659
www.jit.ac.in

Event Report

Title	:	Creating a Media Player using Android Studio			
Date	:	28/03/2022	**Time**	:	3.00PM – 4.00 PM
Venue	:	Seminar Hall			
Organised by	:	ANDRIOS Club			
In association with	:	Computer Science and Engineering			
Student Activity	:	Yes / ~~No~~			

Speaker Details

Name	:	Abitha sree K - III CSE A
		Bharath Narayanan S - III CSE A
Designation	:	III CSE Students
Affiliation	:	
Topic	:	Creating a Media Player using Android Studio

JIT Website   http://www.jit.ac.in/announcement/anrdios_club_18.03.22.jpg

▶ Live

https://www.facebook.com/250442415535499/photos/a.45028514551224/1063902290856170/
https://www.instagram.com/p/CbP4qrgrchs/
https://twitter.com/JIT_Offl/status/1504824184806920195/photo/1

Event Objective

How to create a Media Player Application using in-built functions in Android Studio

Event Summary

Seminar on "**Creating a Media Player using Android Studio**" was conducted by the Department of Computer Science and Engineering in association with Andrios Club on 28.04.2022. The Knowledge sharing Program was designed for students to enhance their knowledge towards developing an Android mobile application. In this, a detailed way for creating an Andriod Application using XML and java was explained to the members of the club by our third year students "Abitha Sree K,Bharath Narayanan S"**.** 60 internal participants (Students) had an effective knowledge sharing session.

MediaPlayer Class in Android is used to play media files. Those are Audio and Video files. It can also be used to play audio or video streams over the network.

Creating a simple audio player using MediaPlayer API. Have a look at the following image. Note that we are going to implement this project using the Kotlin language.

Steps to create a simple MediaPlayer in Android

Step 1: Create an empty activity project
Create an empty activity Android Studio project. And select Kotlin as a programming language.

Step 2: Create a raw resource folder
Create a raw resource folder under the res folder and copy one of the .mp3 file extension.
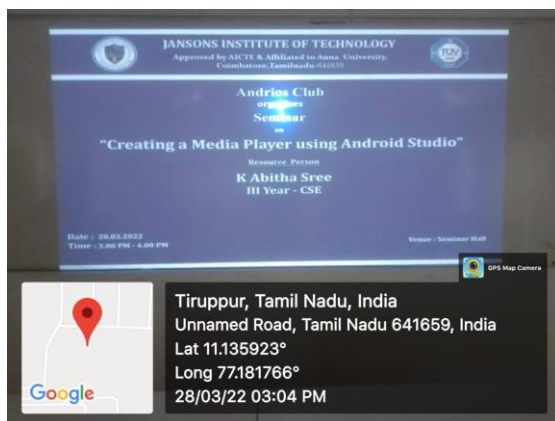
Step 3: Working with the activity_main.xml file
The layout of the application consists of three buttons PLAY, PAUSE, and STOP mainly, which is used to control the state of the MediaPlayer instance.
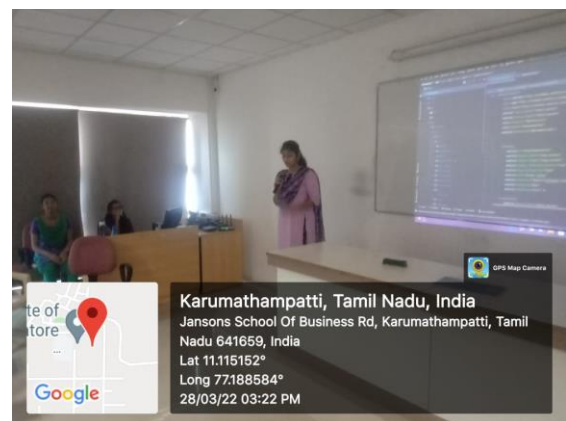Invoke the following code inside the activity_main.xml file to implement the UI.

Step 4: Working with the MainActivity.kt file
The MediaPlayer instance needs the attributes needs to be set before playing any audio or video file.
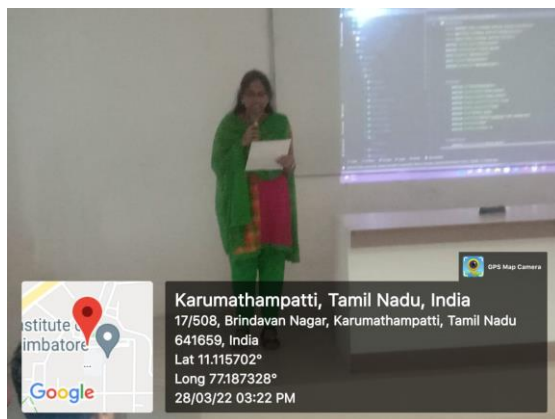Invoke the following inside the MainActivity.kt file. Comments are added for better understanding.
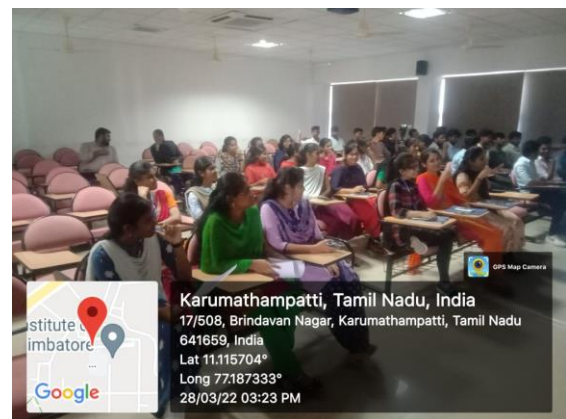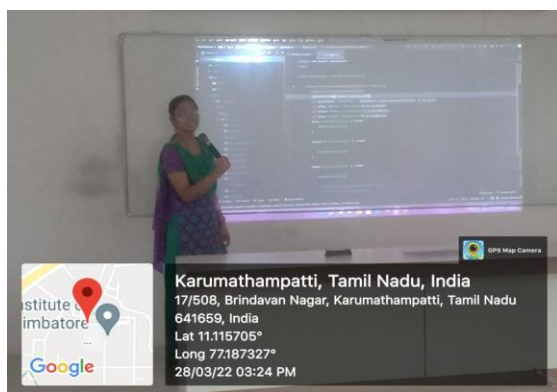
Event Photographs

Andrios Club Poster

Opening Note of Event - Angel Melbha A

Welcome Address - Haritha S

Students Listening to the seminar

Abitha Sree K Explaing about media player app   Add paper clipping (preferably English) about the event)

Event Outcomes

Students were taught, how to create an Media Player Application using Android Studio on their own.

Event Feedback

How would you rate the event in terms of preparation, flow, and content?	Excellent 54 Very Good 6 Good 0 Fair 0
The content and activities of the event has increased my knowledge.	Strongly Agree 0 Agree 0 Neutral 3 Disagree 57
How would you rate the speaker in terms of knowledge and presentation?	Excellent 54 Very Good 6 Good 0 Fair 0
Overall experience of the event.	Very Satisfied 58 Satisfied 2 Neutral 0 Dissatisfied 0
Suggestion for Improvements (If any)	Nil

No. of Participants / Benefices

Total (Participants / Benefices)	Students	Faculty	Students (Outside institution)	Faculty (Outside institution)
60	60	2	-	-