

EXPERIMENT 27

ITA0305-Mobile Computing For App Development

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27. Use Figma to create an interactive presentation comparing the Core Video framework in iOS and the multimedia framework in Android.

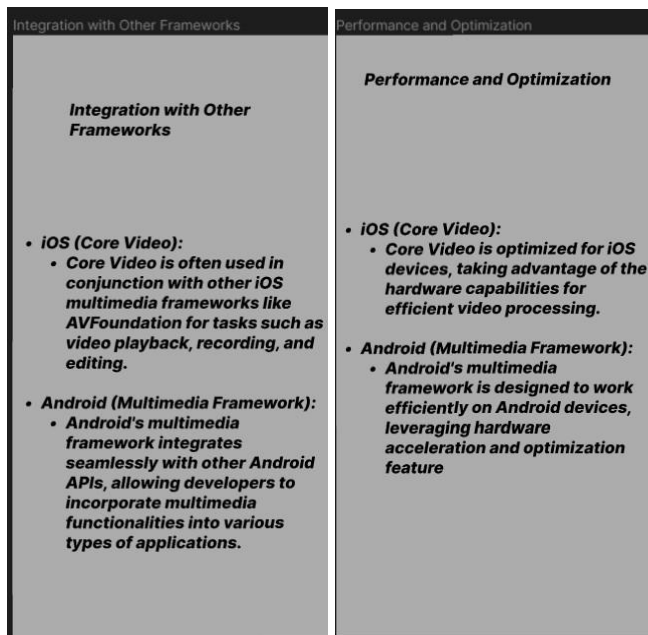
Aim: Create an interactive presentation comparing the Core Video framework in iOS and Android using Figma

Procedure:

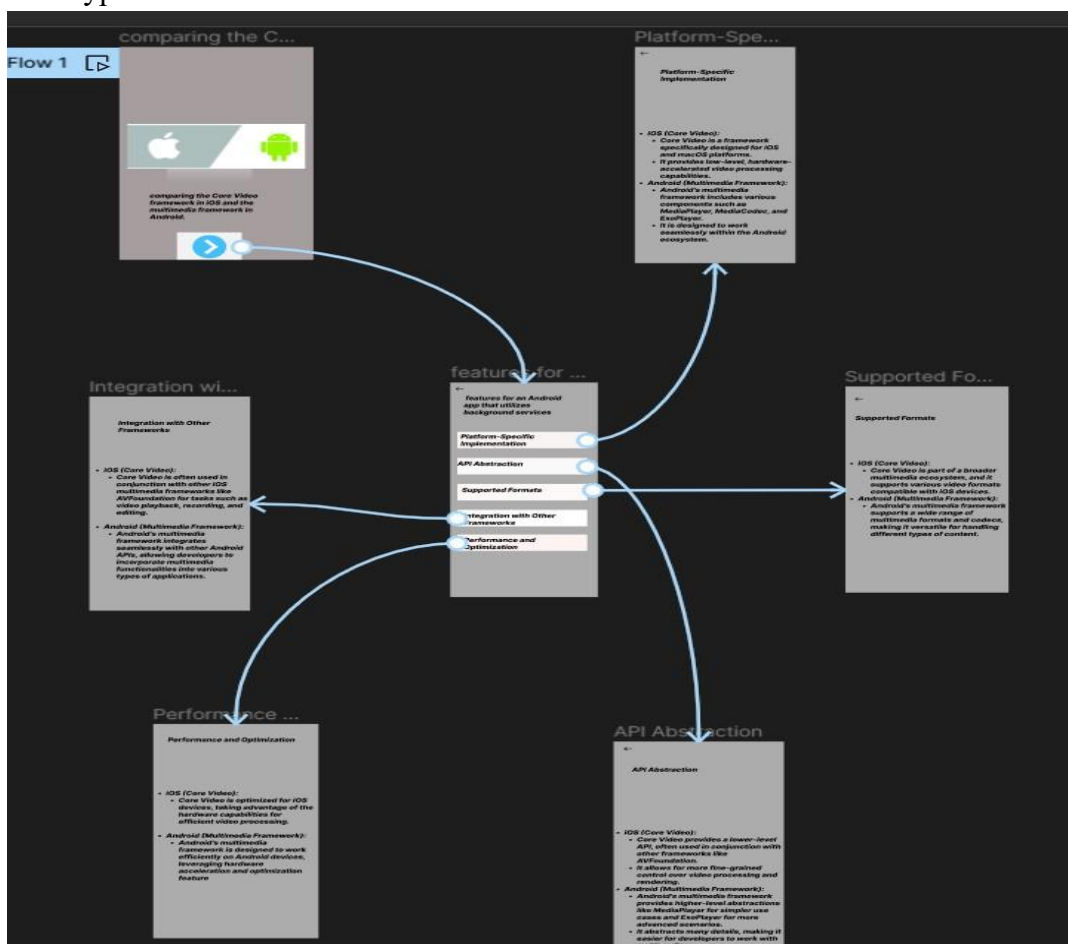
1. Define Presentation Structure
2. Create a Figma Project
3. Design Visual Elements
4. Make it Interactive
5. Add Annotations and Explanations
6. Incorporate Multimedia
7. Storyboard Animation
8. Test the Prototype
9. Collaborate and Gather Feedback
10. Finalize and Share

Design:

features for an Android app that utilizes b...	Platform-Specific Implementation	API Abstraction	Supported Formats
<p>←</p> <p>features for an Android app that utilizes background services</p> <p>Platform-Specific Implementation</p> <p>API Abstraction</p> <p>Supported Formats</p> <p>Integration with Other Frameworks</p> <p>Performance and Optimization</p>	<p>←</p> <p>Platform-Specific Implementation</p> <ul style="list-style-type: none">• iOS (Core Video):<ul style="list-style-type: none">• Core Video is a framework specifically designed for iOS and macOS platforms.• It provides low-level, hardware-accelerated video processing capabilities.• Android (Multimedia Framework):<ul style="list-style-type: none">• Android's multimedia framework includes various components such as MediaPlayer, MediaCodec, and ExoPlayer.• It is designed to work seamlessly within the Android ecosystem.	<p>←</p> <p>API Abstraction</p> <ul style="list-style-type: none">• iOS (Core Video):<ul style="list-style-type: none">• Core Video provides a lower-level API, often used in conjunction with other frameworks like AVFoundation.• It allows for more fine-grained control over video processing and rendering.• Android (Multimedia Framework):<ul style="list-style-type: none">• Android's multimedia framework provides higher-level abstractions like MediaPlayer for simpler use cases and ExoPlayer for more advanced scenarios.• It abstracts many details, making it easier for developers to work with multimedia.	<p>←</p> <p>Supported Formats</p> <ul style="list-style-type: none">• iOS (Core Video):<ul style="list-style-type: none">• Core Video is part of a broader multimedia ecosystem, and it supports various video formats compatible with iOS devices.• Android (Multimedia Framework):<ul style="list-style-type: none">• Android's multimedia framework supports a wide range of multimedia formats and codecs, making it versatile for handling different types of content.



Prototype:



Result: Hencean interactive presentation comparing the Core Video framework in iOS and Android using Figma have been created successfully .