

## EXPERIMENT 28

### ITA0305-Mobile Computing For App Development

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**28. Design a wireframe in Figma for a multimedia-rich mobile app, incorporating elements from both Core Video and Core Media frameworks.**

**Aim:** Design a wireframe for a multimedia-rich mobile app, incorporating elements from both Core Video and Core Media frameworks using figma

#### Procedure:

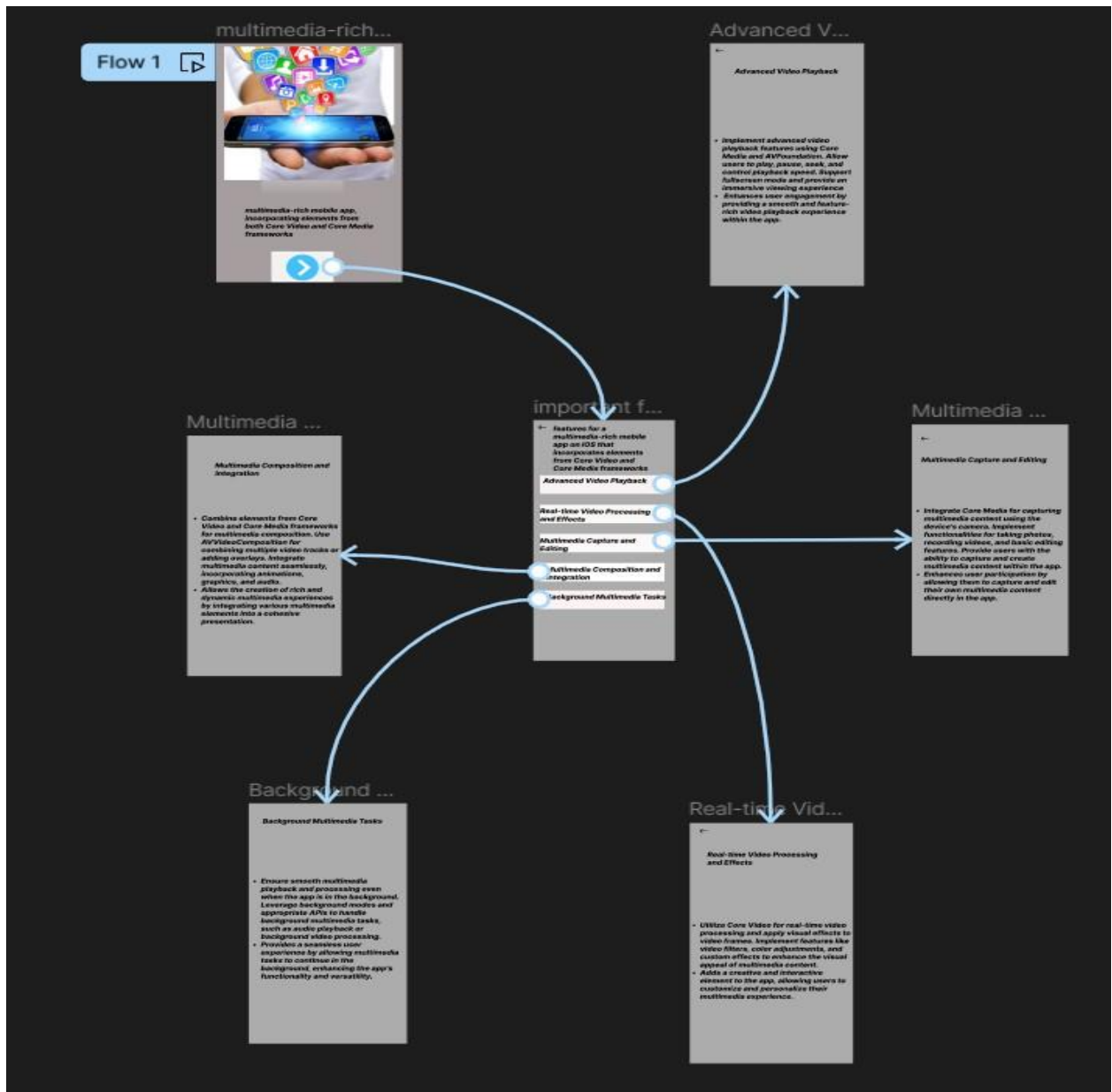
1. Open Figma
2. Create a new file
3. Select the Frames
4. Design Visual Elements
5. Make it Interactive
6. Add icons on the Frame
7. Incorporate Multimedia
8. Storyboard Animation
9. Review and edit the Prototype
10. Save and Share

#### Design:



Multimedia Capture and Editing	Multimedia Composition and Int...	Background Multimedia Tasks
<p>←</p> <p><b>Multimedia Capture and Editing</b></p> <ul style="list-style-type: none"> <li>• Integrate Core Media for capturing multimedia content using the device's camera. Implement functionalities for taking photos, recording videos, and basic editing features. Provide users with the ability to capture and create multimedia content within the app.</li> <li>• Enhances user participation by allowing them to capture and edit their own multimedia content directly in the app.</li> </ul>	<p><b>Multimedia Composition and Integration</b></p> <ul style="list-style-type: none"> <li>• Combine elements from Core Video and Core Media frameworks for multimedia composition. Use AVVideoComposition for combining multiple video tracks or adding overlays. Integrate multimedia content seamlessly, incorporating animations, graphics, and audio.</li> <li>• Allows the creation of rich and dynamic multimedia experiences by integrating various multimedia elements into a cohesive presentation.</li> </ul>	<p><b>Background Multimedia Tasks</b></p> <ul style="list-style-type: none"> <li>• Ensure smooth multimedia playback and processing even when the app is in the background. Leverage background modes and appropriate APIs to handle background multimedia tasks, such as audio playback or background video processing.</li> <li>• Provides a seamless user experience by allowing multimedia tasks to continue in the background, enhancing the app's functionality and versatility.</li> </ul>

**Prototype:**



**Result:** A wireframe for a multimedia-rich mobile app, incorporating elements from both Core Video and Core Media frameworks using figma have been created successfully