Here’s a complete set of developer-style prompts you can use in **Lovable** to build a mobile app with a database of YouTube videos searchable by topic and organized by categories like health, finance, personal development, transportation, and housing.

**⚙️ Step 1: Set Up the Database**

**Prompt:**

💬 “Create a database called VideoLibrary with fields: video\_link (text), summary (text), title (text), category (dropdown with values: Health, Finance, Personal Development, Transportation, Housing).”

**🔍 Step 2: Create the Search Bar UI**

**Prompt:**

💬 “Add a search bar to the home screen labeled 'Search for a topic'. When a user enters text, filter results from the VideoLibrary database where the summary or title contains the search term. Display the matching results in a scrollable list.”

**🧭 Step 3: Design the Results List**

**Prompt:**

💬 “For each search result, show a card with the following:

* title in bold
* summary in smaller text below
* A button labeled ‘Watch Now’ that opens the video\_link in an external browser.  
  Include a badge for the category in the top-right of each card.”

**🗂 Step 4: Add Category Navigation (Optional)**

**Prompt:**

💬 “Add a horizontal category filter with chips labeled: Health, Finance, Personal Development, Transportation, and Housing. When a user selects a category, show all matching entries from VideoLibrary.”

**📥 Step 5: Populate the Database with Example Videos**

**Prompt:**

💬 “Add the following entries to the VideoLibrary database:

1. Title: ‘What is Inflation?’  
   Summary: ‘A 3-minute explainer on how inflation affects everyday prices.’  
   Link: https://www.youtube.com/watch?v=1J1A77u9N5U  
   Category: Finance
2. Title: ‘10 Minute Morning Yoga’  
   Summary: ‘Gentle full-body yoga for beginners to improve flexibility and reduce stress.’  
   Link: https://www.youtube.com/watch?v=4pKly2JojMw  
   Category: Health
3. Title: ‘How to Budget in Your 30s’  
   Summary: ‘Learn how to set financial goals, manage debt, and save in your 30s.’  
   Link: https://www.youtube.com/watch?v=DsS0R1VA4ME  
   Category: Finance
4. Title: ‘Renting vs Buying a Home’  
   Summary: ‘Pros and cons of renting versus buying, with case examples.’  
   Link: https://www.youtube.com/watch?v=w-AWBCx9avw  
   Category: Housing
5. Title: ‘Master Your Mindset’  
   Summary: ‘5 daily habits to boost your mental resilience and productivity.’  
   Link: https://www.youtube.com/watch?v=ZyYxz7Ccjw8  
   Category: Personal Development”

**🛠 Step 6: Enable Add-to-Database Functionality (Optional Admin Feature)**

**Prompt:**

💬 “Create an admin screen with inputs for title, summary, video\_link, and category. Add a button labeled ‘Submit’ that writes a new entry to the VideoLibrary database.”

Would you like a visual flowchart or wireframe diagram to match this prompt flow?

4o

**You said:**

yes, create both

**ChatGPT said:**

Image created

Rate this image

Here is your visual flowchart and wireframe for the video search app built on Lovable:

📁 Download the flowchart and wireframe (PNG)

**You said:**

is it possible to watch the YouTube video selected and stay within the mobile app that I am creating?

**ChatGPT said:**

Yes, it's **possible** to allow users to watch a YouTube video **within your mobile app** (without leaving it), but it depends on how your platform (like Lovable) handles embedded media. Here's how it typically works:

**✅ Options for Watching YouTube Videos In-App:**

| **Method** | **How It Works** | **Supported in Lovable?** |
| --- | --- | --- |
| **Embedded Player** | Use the YouTube embed URL (https://www.youtube.com/embed/{video\_id}) inside an iframe or webview | ✅ *If Lovable allows WebView or embed blocks* |
| **WebView Component** | Open the link in a WebView so it plays in-app, but looks like a browser | ✅ Likely available |
| **External Browser (Default)** | Opens the YouTube app or browser separately | ✅ Always available, but exits your app |

**🔧 Recommended Prompt for Lovable (Embedded Video Option):**

💬 “When a user taps ‘Watch Now,’ open a screen with an embedded YouTube player using the embed URL format https://www.youtube.com/embed/{video\_id}. Display the video in a WebView or embedded video component with a back button.”

Would you like me to generate the prompt to automatically convert a standard YouTube link to an embed-compatible one?

4o

**You said:**

does lovable allow webview or embed blocks?

**ChatGPT said:**

A purple and blue background with white text

AI-generated content may be incorrect.

Yes, Lovable supports embedding YouTube videos directly within your app using its built-in video component. This allows users to watch videos without leaving the app interface.

**📺 How to Embed YouTube Videos in Lovable**

Lovable offers two primary methods for embedding videos:

1. **Linking to an External Video**: This method opens the video in a new browser tab or window.
2. **Embedding a Video**: This method allows the video to play directly within your app using an embedded player.

For your use case—allowing users to watch YouTube videos within the app—the embedding method is appropriate.

**🔧 Steps to Embed a YouTube Video**

1. **Obtain the Embed URL**: Transform the standard YouTube URL into an embed URL.
   * Standard URL:

arduino

CopyEdit

https://www.youtube.com/watch?v=VIDEO\_ID

* + Embed URL:[Lovable Documentation+1flutterrepos.com+1](https://docs.lovable.dev/user-guides/quickstart?utm_source=chatgpt.com)

arduino

CopyEdit

https://www.youtube.com/embed/VIDEO\_ID

1. Replace VIDEO\_ID with the actual ID of the YouTube video.
2. **Add the Video Component in Lovable**:
   * In your Lovable project, add a new component where you want the video to appear.
   * Use the video component and set its source to the embed URL obtained in step 1.
   * Ensure the component is configured to allow inline playback.
3. **Test the Embedded Video**:
   * Preview your app to ensure the video plays correctly within the app interface.[DEV Community](https://dev.to/codeparrot/lovable-ai-build-apps-without-coding-a-simple-guide-4nkn?utm_source=chatgpt.com)
   * Verify that the video does not redirect users to the YouTube website or app.

By following these steps, users can watch YouTube videos seamlessly within your Lovable app.

If you need further assistance with configuring the video component or handling dynamic video content based on user input, feel free to ask!