WikiTube

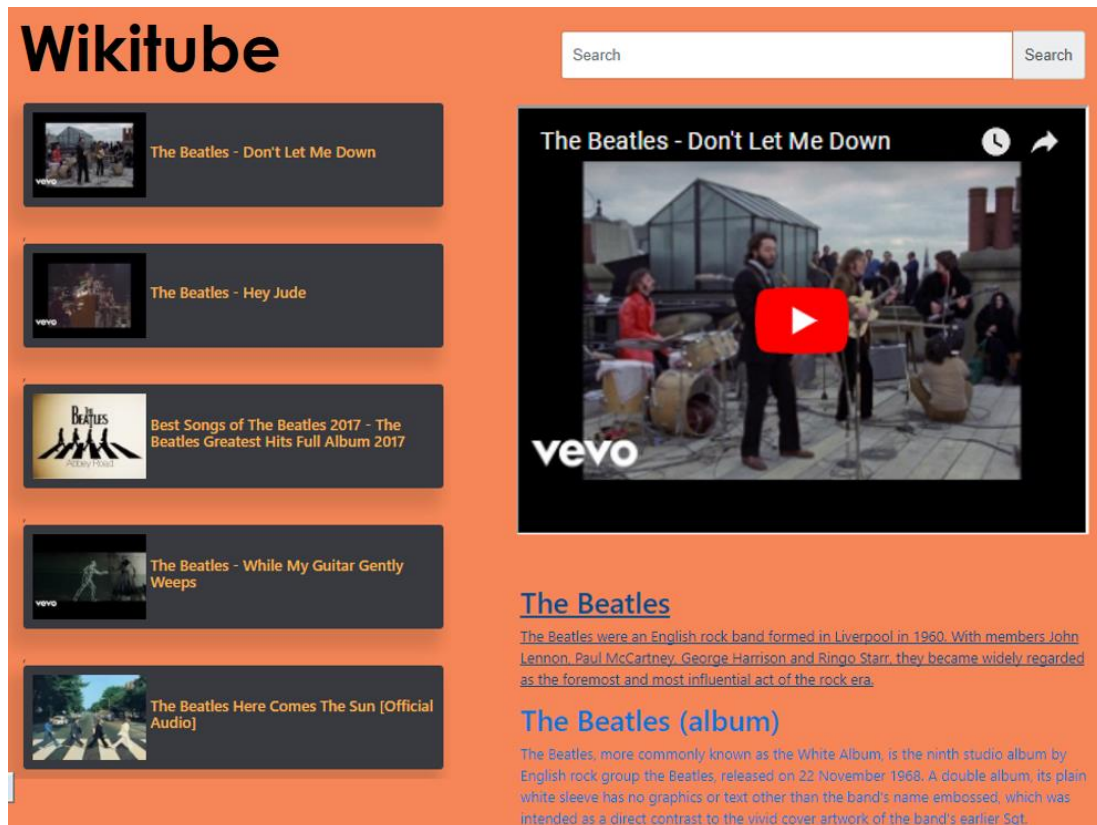## Asynchronous operations

Your challenge is to create the WikiTube app

UX Concept:

Requirements

1. UI shall have the following fields:
   - Search input
   - List of videos
   - Video player for the selected video
   - Wikipedia results for the searched term
2. UI shall look nice and responsive
3. There shall be a default search with which the website loads
4. Videos shall be retrieved from youtube API (see instructions below)

5. When a video is selected, also show information from Wikipedia (see instructions below)

Youtube API guidelines

1. To get API KEY, Goto: https://console.developers.google.com/cloud-resource-manager?pli=1 follow the instructions given at the following video: https://www.youtube.com/watch?v=SzlG5Qnjd4Y

2. To get Youtube 5 top search results, use:
   ```
   `https://www.googleapis.com/youtube/v3/search?part=snippet
   &videoEmbeddable=true&type=video&key=${YT_KEY}&q=${value}`
   ```

3. Use Youtube embeded. An example can be taken from:
   https://www.w3schools.com/html/html_youtube.asp

Wikipedia API guidelines

1. Wikipedia API Url::
   `https://en.wikipedia.org/w/api.php?&origin=*&action=opensearch&search=${term}&limit=5`

2. Wikipedia result is an array that contains 4 items:
   - The term that was searched.
   - An array of matching titles.
   - An array of descriptions.
   - An array of links

Here is an example of the Wikipedia's output:

```
  0: "the beatles"
▶ 1: (5) ["The Beatles", "The Beatles (album)", "The Beatles
▶ 2: (5) ["The Beatles were an English rock band formed in Li
▶ 3: (5) ["https://en.wikipedia.org/wiki/The_Beatles", "https
```

Bonus – Modals with Promises

- Save all the terms that were searched in local storage and show them at the footer of the page, show a *Clear History* button that shows a modal to confirm deletion.

- Show a button "Change Theme" that opens a modal with <input type="color" /> and OK/Cancel buttons, and allow the user to change the background color of the page