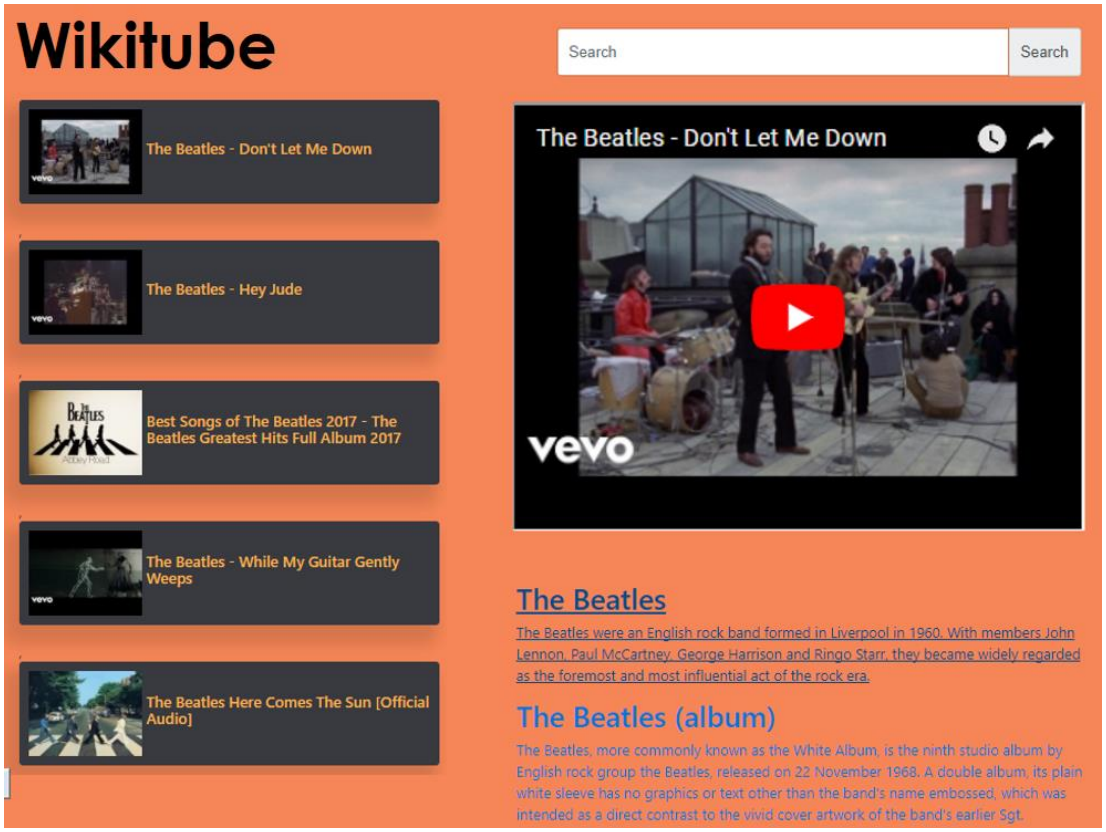
WikiTube

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 user performs a search, also show information from Wikipedia (see instructions below)

Youtube API guidelines

1. To get API KEY, go to here: https://console.developers.google.com/cloud-resource-manager?pli=1 follow the instructions here: https://www.youtube.com/watch?v=EPeDTRNKAVo

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 embedded, here is a sample code: https://www.w3schools.com/html/html_youtube.asp

Wikipedia API guidelines

Wikipedia API:
https://en.wikipedia.org/w/api.php?origin=*&action=query&list=search&srsearch=beatles&format=json

Here is an example of the Wikipedia's output:

```
{
  "batchcomplete": "",
  "continue": {↔},
  "query": {
    "searchinfo": {↔},
    "search": [
      {
        "ns": 0,
        "title": "The Beatles",
        "pageid": 29812,
        "size": 192200,
        "wordcount": 21466,
        "snippet": "themselves as the Silver <span
class=\"searchmatch\">Beatles</span>, and by the middle
of August shortened the name to the <span
class=\"searchmatch\">Beatles</span>. Allan Williams,
the <span class=\"searchmatch\">Beatles</span>'
unofficial manager, arranged",
        "timestamp": "2020-10-26T16:37:30Z"
      },
      {↔},
      {↔},
      {↔},
      {↔},
```


Bonus – Modals with Promises

- Save all the terms that were searched in local storage and show them at the footer of the page, display a *Clear History* button that opens 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