

## 37. IMDB-3 : (Watchlist, API, LocalStorage).

### Agenda:

- TMDB API
- Populating movies in movies page
- Creating the watchlist features
- Local storage for data persistent

API

Placeholder data.

Actual data stored in database, servers.

Messengers

① Template [React Components]

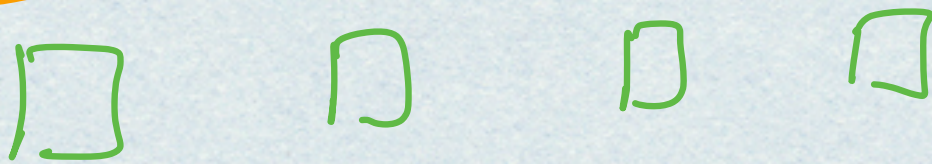
② Data Gathering [API Calls]

③ Data Integration [Data into template]

④ Final UI

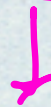


Movies



< 1 >

page NO



2

When page no changes,

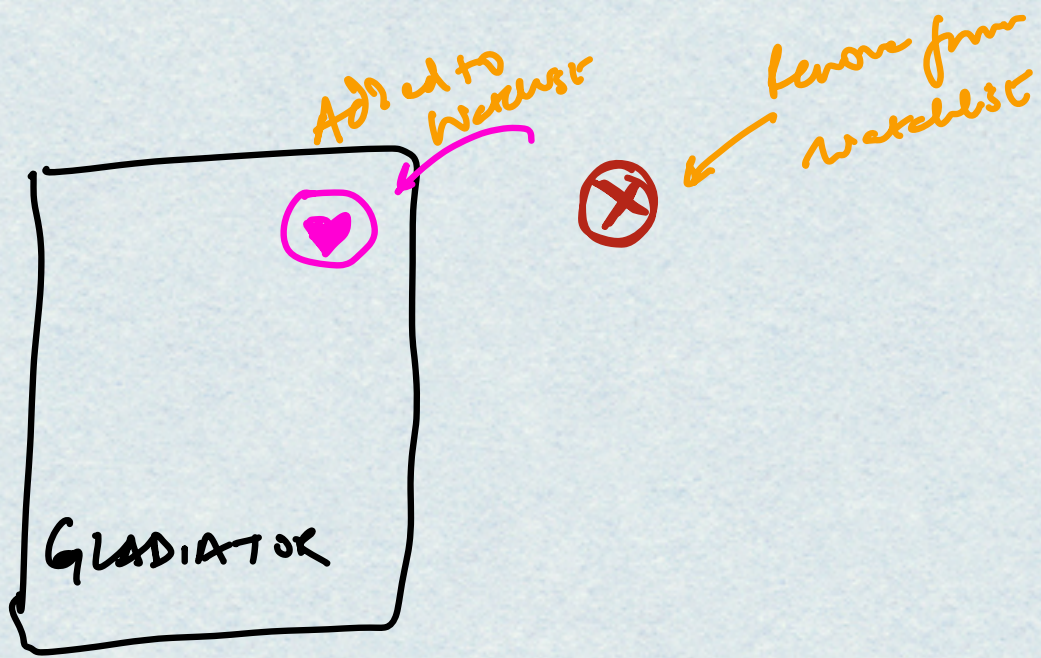
Call API  $\Rightarrow$  for page 2 it will fetch data.

SetMovies  $\rightarrow$  Change movies [] (State)

When state change  $\rightarrow$  UI updates.

depends  $\rightarrow$  how no of movies you will see on UI.





Movies: [ ]

Watchlist Arr: [ ]



# Storage in browser (memory)

- ① Local Storage
- ② Session Storage
- ③ Cookies
- ④ Indexed DB.

LS

- Persistent storage
- ~5MB - 10MB data space
- Accessible across pages. (Depends on domain/origin)
- No expiry. (Clear manually)
- Value stored have to be primitive. CAN'T store object, array.

Operations

- |                |                                     |
|----------------|-------------------------------------|
| <b>C</b> reate | → localStorage.setItem (key, value) |
| <b>R</b> ead   | → localStorage.getItem (key)        |
| <b>U</b> pdate | → same as create                    |
| <b>D</b> elete | → localStorage.removeItem (key)     |



— localStorage.clear()

(Delete old).  
LS items