

Info 5002 Final Project

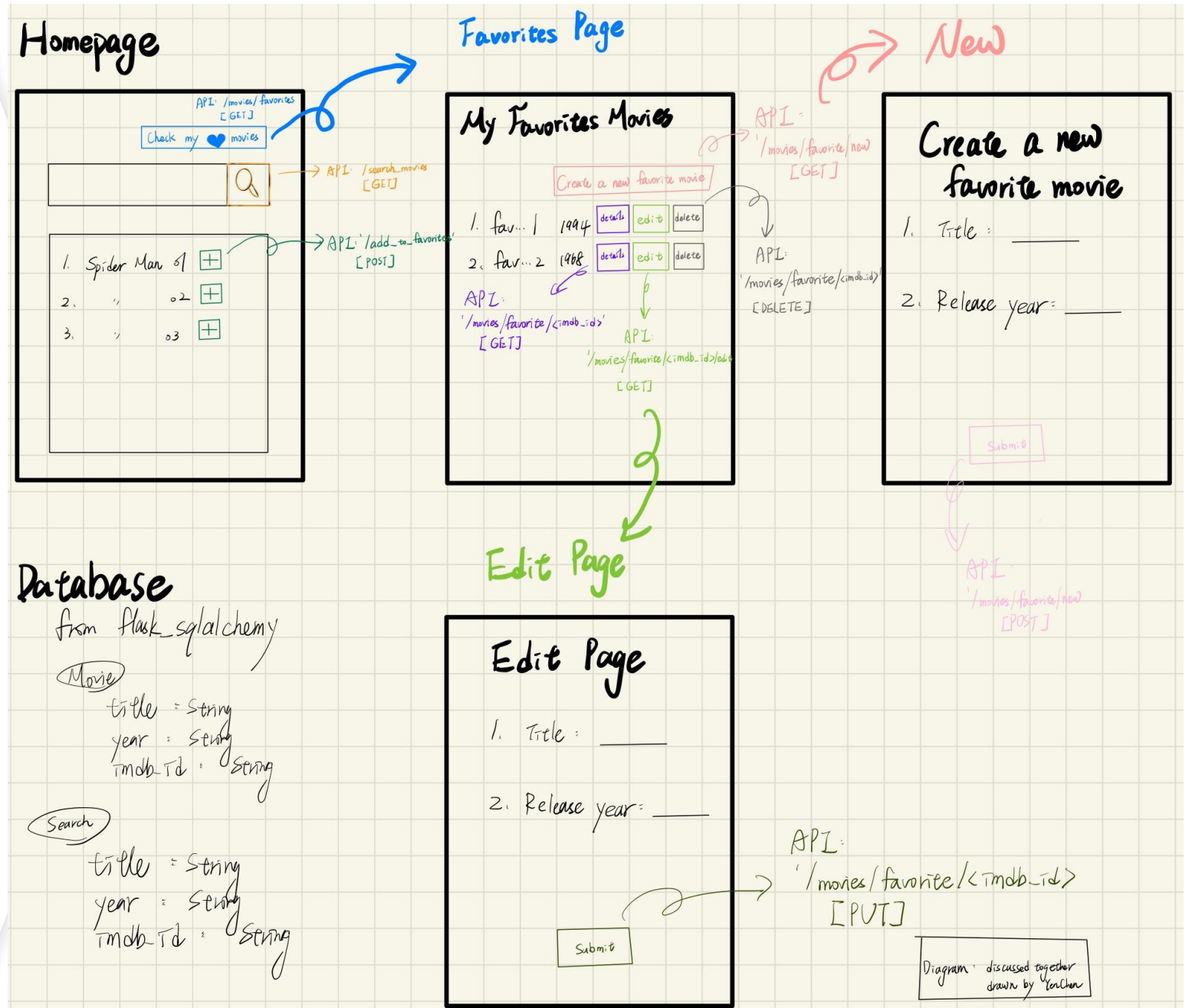
Favorite Movie App

Team: Tiramisu

Member:

Yen-Chen Shih (002837693)

Yu-Lun Zhang (002246498)



Our team



Yen-Chen Shih
Features in Charge

- Create functions that allow the user to view all favorite movies (work with Yu-Lun).
- Create the functions that allow the user to view the create-new-favorite-movie page, create a new movie to the favorites, view details of a specific movie, remove a specific movie, retrieve details for the editing page, and update the details of a specific movie in their favorites.
- Establish a database to store favorites.
- Discussed the app design and drew the design diagram.



Yu-Lun Zhang (Lena)
Features in Charge

- The SearchBar that the user can search movies from OMdb
- The CTA button that user can add the movie from the search result into user's favorite page
- When the user accesses their favorite movie table, the page displaying this table smoothly retrieves and renders the data from the database.
- Discussed the app design .

Features Developed by Yen-Chen

User can view the
create-new-favorite-movie page

Send a GET request to `/movies/favorite/new`

User can create a new movie to the
favorites

Send a POST request to `/movies/favorite/new`
with the movie details in JSON format

The image displays two hand-drawn wireframes on a grid background, with red arrows pointing from descriptive text to specific UI elements and API test results.

Left Wireframe: "My Favorites Movies"

- Header: "My Favorites Movies"
- Buttons: "Create a new favorite movie" (highlighted with a red box)
- Table of favorites:

id	title	year	details	edit	delete
1. fav... 1	1994				
2. fav... 2	1968				

- API notes:
 - API: `/movies/favorite/<imdb_id>` [GET] (pointing to the details column)
 - API: `/movies/favorite/<imdb_id>/edit` [GET] (pointing to the edit column)
 - API: `/movies/favorite/<imdb_id>` [DELETE] (pointing to the delete column)

Right Wireframe: "Create a new favorite movie"

- Header: "Create a new favorite movie"
- Form fields:
 - 1. Title: _____
 - 2. Release year: _____
- Button: "Submit" (highlighted with a red box)

API Test Results:

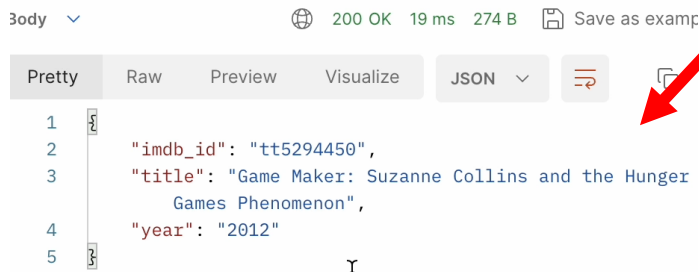
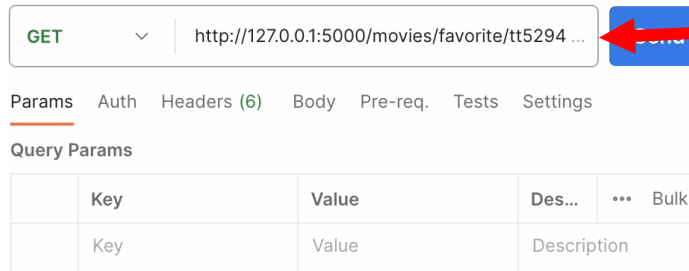
- GET Request:** `http://127.0.0.1:5000/movies/favorite/new`. The response body is `<h1>Create New Favorite Movie</h1>`.
- POST Request:** `http://127.0.0.1:5000/movies/favorite/new`. The request body is a JSON object:

```
{  1  {
  2    "imdb_id": "tt5294450",
  3    "title": "Game Maker: Suzanne Collins and the Hunger Games
  4          Phenomenon",
  5    "year": "2012"
  6  }
```

Features Developed by Yen-Chen

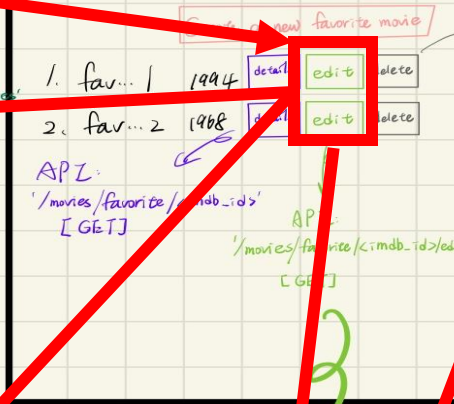
User can retrieve details for editing a specific movie in their favorites

Send a GET request to `/movies/favorite/<imdb_id>/edit`

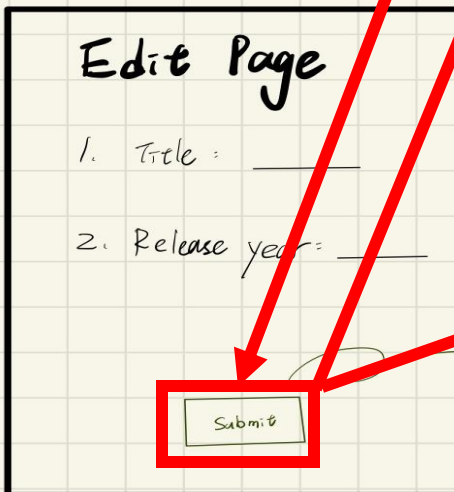


Favorites Page

My Favorites Movies

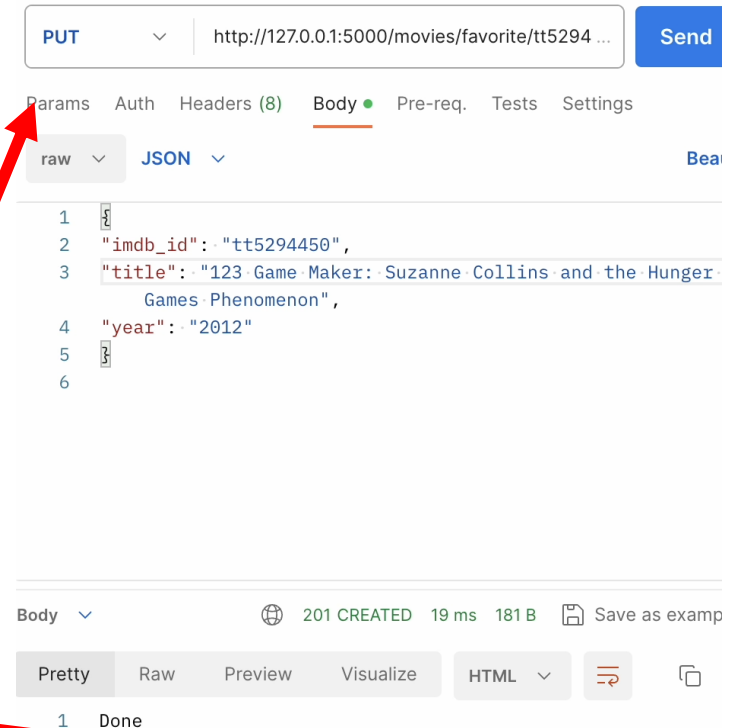


Edit Page



User can update the details of a specific movie in their favorites

Send a JSON PUT request to `/movies/favorite/<imdb_id>`



Features Developed by Yen-Chen

User can view details of a specific movie in their favorites

Send a GET request to `/movies/favorite/<imdb_id>`

GET `http://127.0.0.1:5000/movies/favorite/tt5294...` Send

Params Auth Headers (6) Body Pre-req. Tests Settings

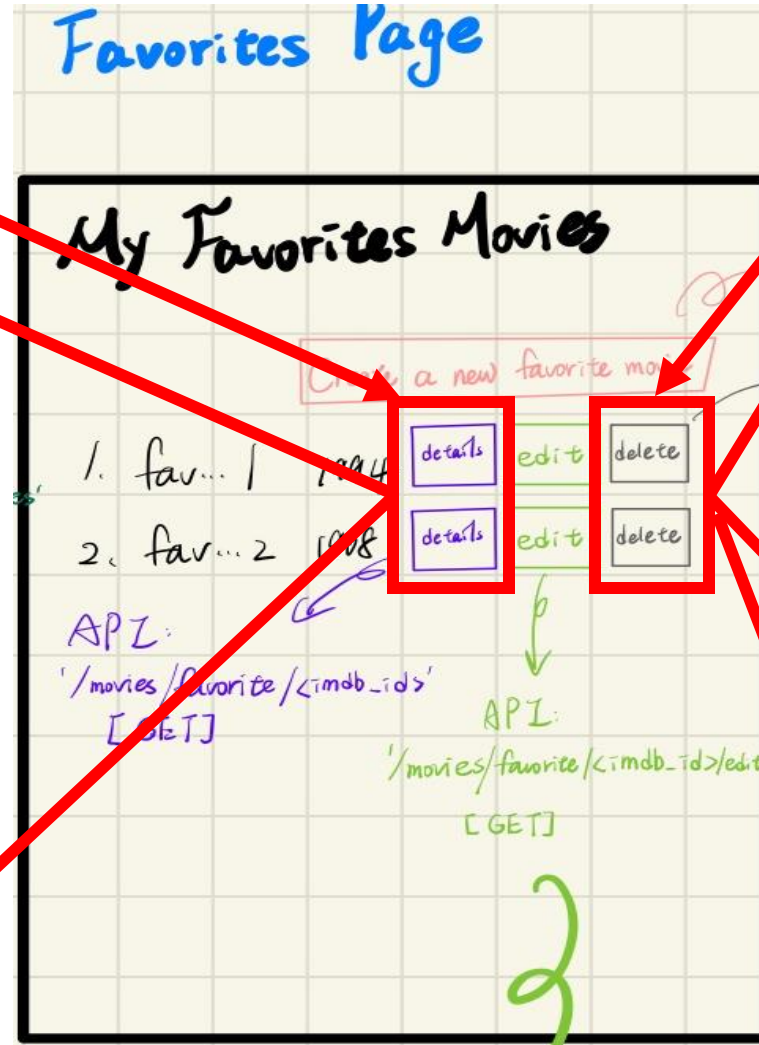
Query Params

Key	Value	Des...	...	Bulk t
Key	Value	Description		

Body `200 OK 20 ms 274 B` Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "imdb_id": "tt5294450",
3   "title": "Game Maker: Suzanne Collins and the Hunger
4     Games Phenomenon",
5   "year": "2012"
}
```



User can remove a specific movie in their favorites

Send a DELETE request to `/movies/favorite/<imdb_id>`

DELETE `http://127.0.0.1:5000/movies/favorite/tt5294...`

Params Auth Headers (6) Body Pre-req. Tests Settings

Query Params

Key	Value	Des...
Key	Value	Description

Movie Copy

Body

Pretty Raw Preview Body

1 Done

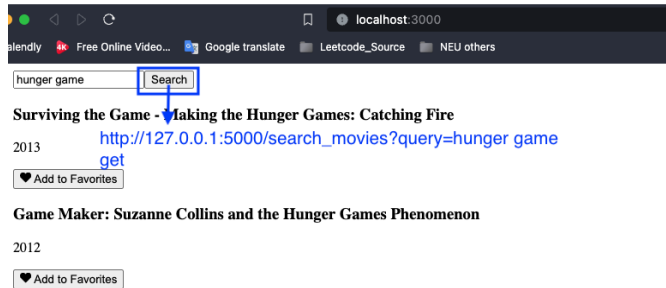
404 NOT FOUND 17 ms 205 B

Pretty Raw Preview Visualize JSON

```
1 {
2   "error": "Not found the movie."
3 }
```

Features Developed by Yu-Lun

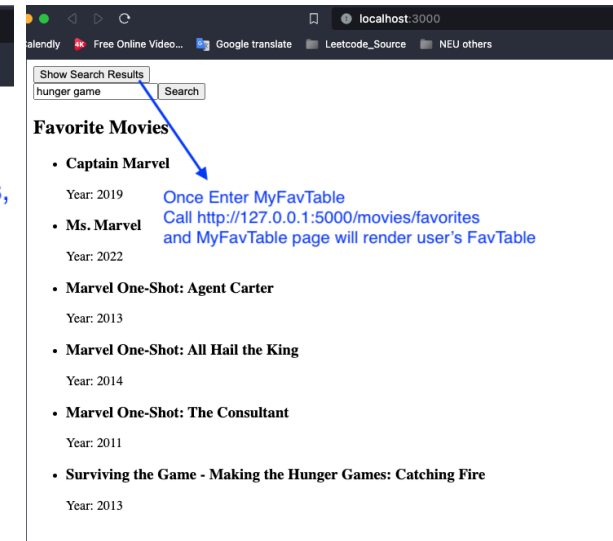
Searching movies from
OMdb_Movie



Adding a movie on the
search result to my
favorite table



Checking my favorite
Movies table



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Favorite Movie App
Team: Tiramisu