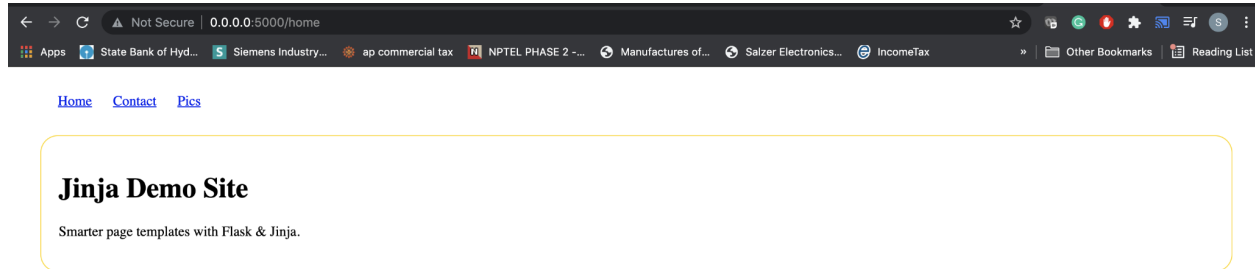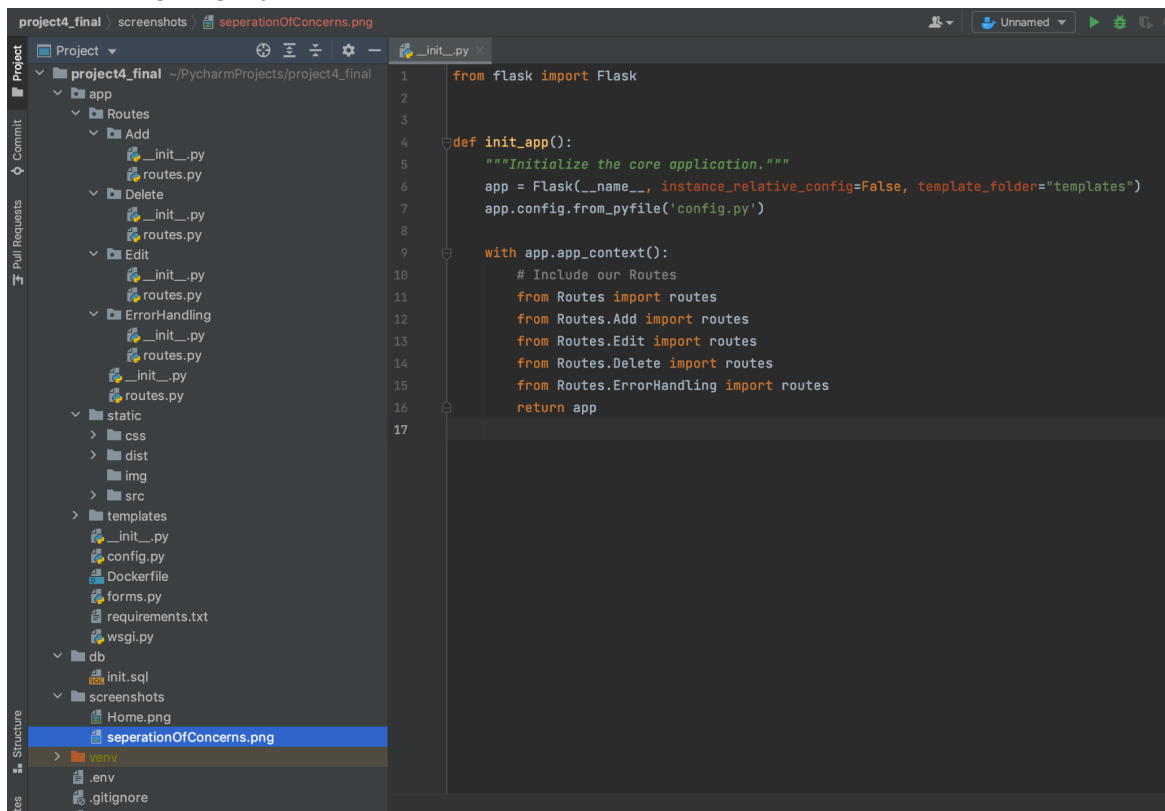# Project4 - Final - Oscar Award Project - Best Actor

1. Demo Site as per the article

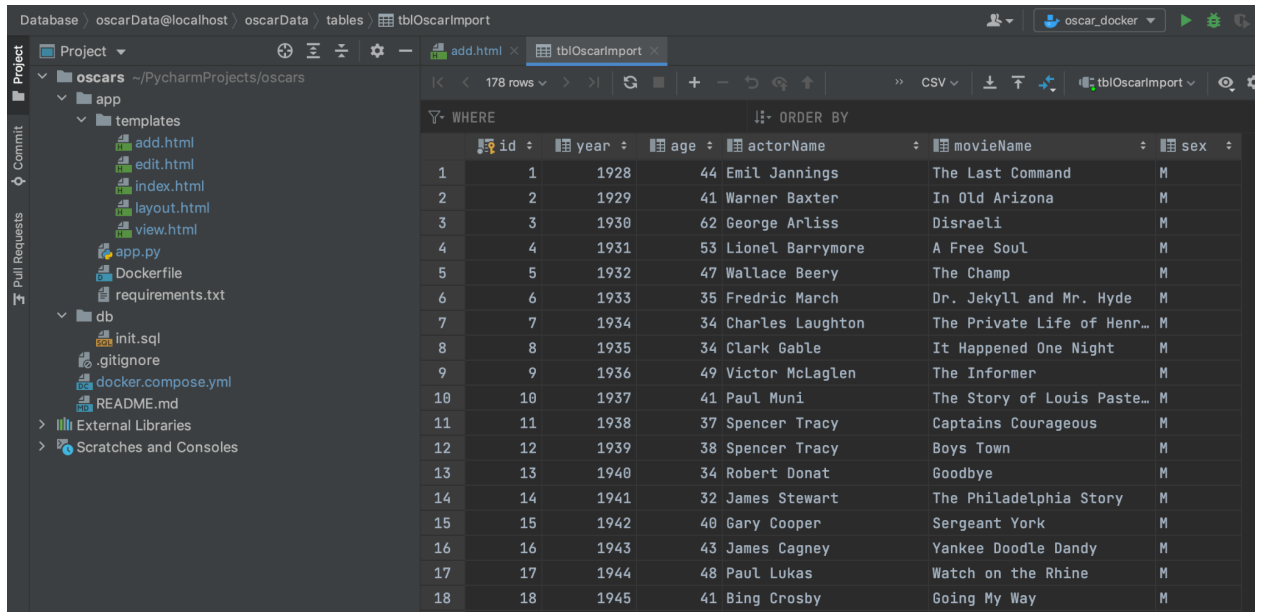
2. Separation of Concerns
   a. Used Flask Framework
   b. Rendered pages using Jinja
   c. Moved all the configuration data into config file.
   d. Separated the routes accordingly into separate categories(Ex: add,edit,delete)
   e. Used to concept of Demystifying Flask's Application Factory and started the app using wsgi.py
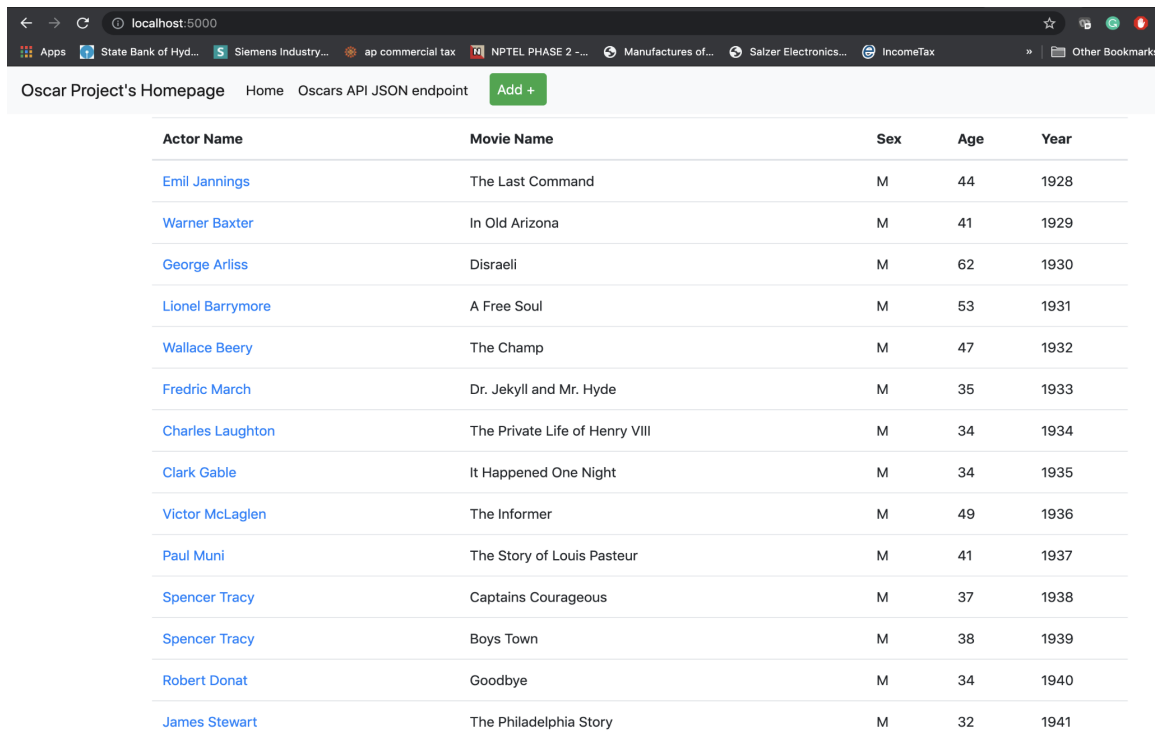
2.

  a. Oscar Awards Table:

  b. Home Page:

c. View of record:

d. Addition of record:

← → C ⓘ localhost:5000 ☆ ⎙ G

Apps 🏦 State Bank of Hyd... 🔷 Siemens Industry... 🟠 ap commercial tax 🅽 NPTEL PHASE 2 -... 🌐 Manufactures of... 🌐 Salzer Electronics... ⓔ IncomeTax » 🗀 Other Boo

Halle Berry	Monsters Ball	F	35	2002
Nicole Kidman	The Hours	F	35	2003
Charlize Theron	Monster	F	28	2004
Hilary Swank	Million Dollar Baby	F	30	2005
Reese Witherspoon	Walk the Line	F	29	2006
Helen Mirren	The Queen	F	61	2007
Marion Cotillard	La Vie en rose	F	32	2008
Kate Winslet	The Reader	F	33	2009
Sandra Bullock	The Blind Side	F	45	2010
Natalie Portman	Black Swan	F	29	2011
Meryl Streep	The Iron Lady	F	62	2012
Jennifer Lawrence	Silver Linings Playbook	F	22	2013
Cate Blanchett	Blue Jasmine	F	44	2014
Julianne Moore	Still Alice	F	54	2015
Brie Larson	Room	F	26	2016
Casey Affleck	La La Land	M	42	2017
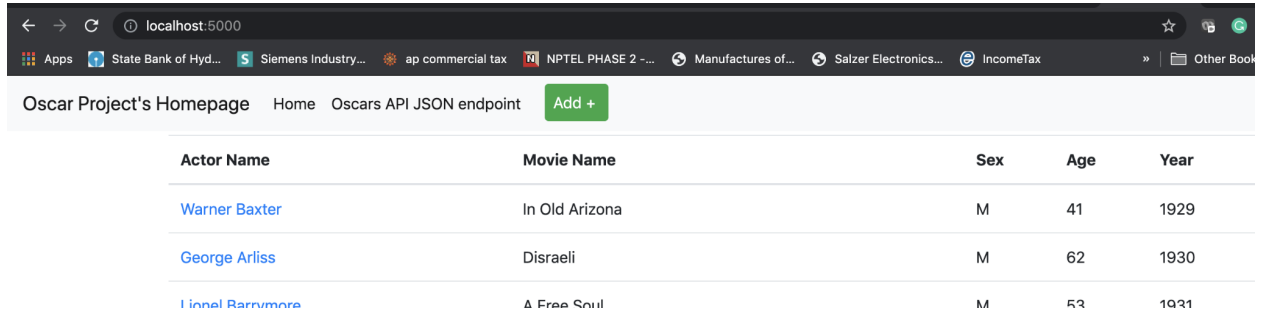
e. Updated record:

Changed Age

← → C ⓘ localhost:5000 ☆ ⎙

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Oscar Project's Homepage   Home   Oscars API JSON endpoint   [Add +]

Actor Name	Movie Name	Sex	Age	Year
Emil Jannings	The Last Command	M	43	1928

f. Deleted Record
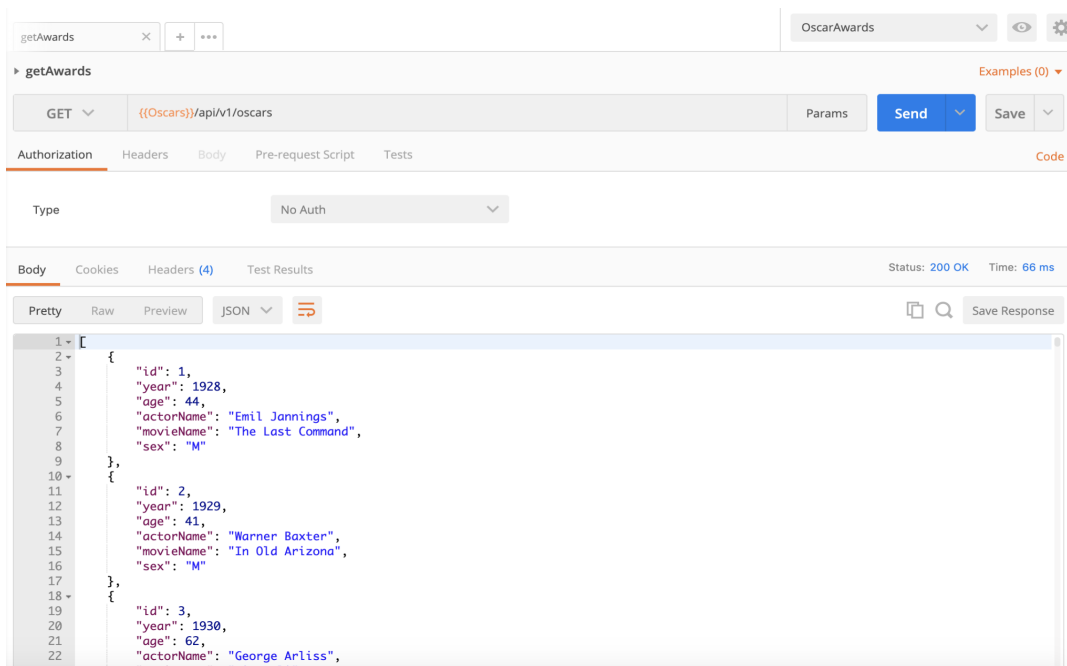
Deleted the record "Emil Jannings - The Last Command"

POSTMAN SCREENSHOTS

GET Request to get all the oscar award list

GET Request to get one record from the list

getAwards •   +   •••

OscarAwards

▸ getAwards   Examples (0) ▾

GET ▾   {{Oscars}}/api/v1/oscars/33   Params   Send ▾   Save ▾

Authorization   Headers   Body   Pre-request Script   Tests   Code

Type   No Auth ▾

Body   Cookies   Headers (4)   Test Results   Status: 200 OK   Time: 31 ms

Pretty   Raw   Preview   JSON ▾   Save Response

```
1  [
2      {
3          "id": 33,
4          "year": 1960,
5          "age": 36,
6          "actorName": "Charlton Heston",
7          "movieName": "Ben - Hur",
8          "sex": "M"
9      }
10 ]
```

Adding a new award to the existing list using POST

getAwards •   +   •••

OscarAwards

▸ getAwards   Examples (0) ▾

POST ▾   {{Oscars}}/api/v1/oscars   Params   Send ▾   Save ▾

Authorization   Headers (1)   Body •   Pre-request Script   Tests   Code

○ form-data   ○ x-www-form-urlencoded   ● raw   ○ binary   JSON (application/json) ▾

```
1  {
2      "year": 2017,
3      "age": 42,
4      "actorName": "Casey Affleck",
5      "movieName": "La La Land",
6      "sex": "M"
7  }
```

Body   Cookies   Headers (4)   Test Results   Status: 200 OK   Time: 45 ms

Pretty   Raw   Preview   JSON ▾   Save Response

```
1  [
2      {
3          "id": 179,
4          "year": 2017,
5          "age": 42,
6          "actorName": "Casey Affleck",
7          "movieName": "La La Land",
8          "sex": "M"
9      }
10 ]
```

Editing a record by using PUT request

Deleting a record using DELETE request