

Flicks-on

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서비스 목적

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질의응답

서비스 목적

개인 맞춤 영화 추천 서비스

주요 기능

1. 현재 상영작, 인기작, 개봉 예정작 추천
2. 영화별 정보, 관련 영상 및 평론가 리뷰, 한줄평 작성
3. 영화별 유사한 영화 추천
4. 키워드를 이용한 영화 검색 기능
5. 개인 맞춤 영화 추천

페르소나

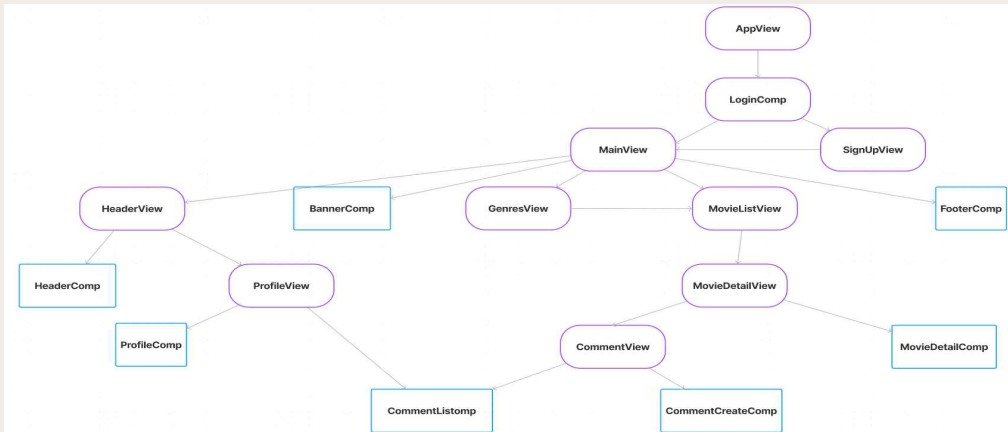
김 헨리 (34)



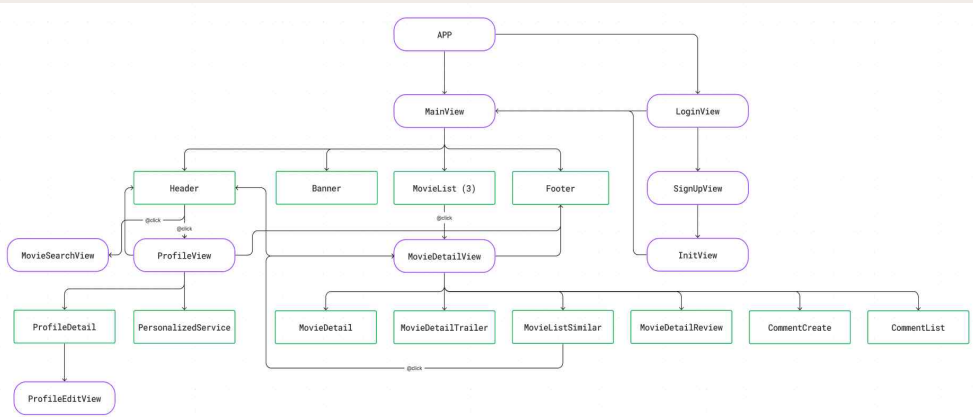
- 부천시 거주
- 영화에 대한 관심과 지식이 많아, 이미 많은 영화를 봤다.
- 새로운 영화를 찾아 보는 것을 좋아한다.
- 영화에 대해 다른 사람들의 평론을 보는 것을 즐긴다.



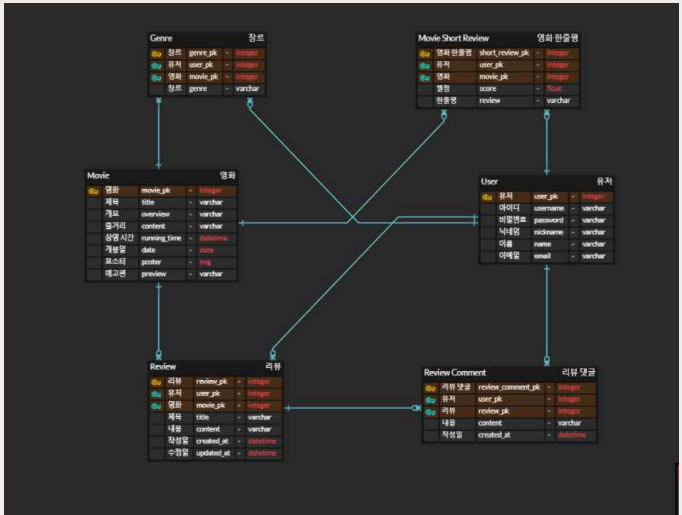
컴포넌트 (초안)



컴포넌트 (완성본)



ERD (초안)



ERD (완성본)

UserGenre	
id	integer
user	integer
action	integer
adventure	integer
animation	integer
comedy	integer
crime	integer
documentary	integer
drama	integer
family	integer
fantasy	integer
history	integer
horror	integer
music	integer
mystery	integer
romance	integer
science_fiction	integer
tv_movie	integer
thriller	integer
war	integer
western	integer

User	
id	integer
username	varchar
password	varchar
nickname	varchar
age	integer

Movie	
id	integer
tmdb_id	integer
title	varchar
movie_rate	integer
poster_path	varchar
release_date	varchar
action	bool
adventure	bool
animation	bool
comedy	bool
crime	bool
documentary	bool
drama	bool
family	bool
fantasy	bool
history	bool
horror	bool
music	bool
mystery	bool
romance	bool
science_fiction	bool
tv_movie	bool
thriller	bool
war	bool
western	bool

Comment	
id	integer
user_id	integer
movie_id	integer
content	varchar
created_at	timestamp

데이터베이스, 추천 알고리즘

```
def recommend_movies(request, user_pk):
    id_score = []
    like_movie_list = []
    for item in request.data['user_genre'][0].items():
        if item[1] > 0:
            movies = Movie.objects.filter(**{item[0]: True})
            for movie in movies:
                if movie.tmbd_id:
                    score = item[1] * movie.movie_rate
                    id_score.append([movie.tmbd_id, score])
                    like_movie_list.append(movie)

    id_score.sort()
    res = [id_score.pop()]
    while id_score:
        tmp = id_score.pop()
        if tmp[0] == res[-1][0]:
            res[-1][1] += tmp[1]
        else:
            res.append(tmp)

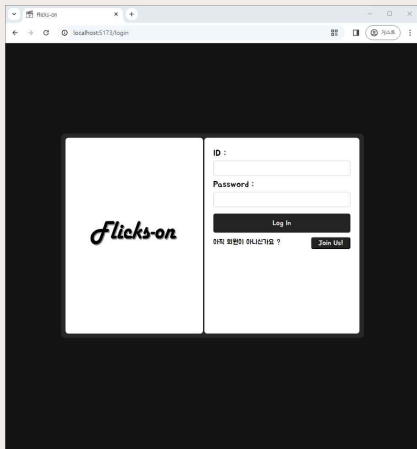
    res.sort(key=lambda x: -x[1])

    movies = []
    for movie_info in res:
        for movie in like_movie_list:
            if movie_info[0] == movie.tmbd_id:
                movies.append(movie)
                break

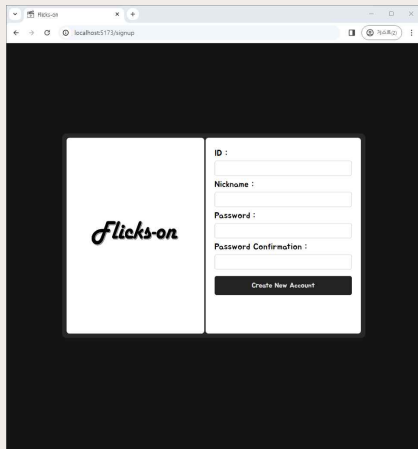
    serializer = MovieSerializer(movies, many=True)
    return Response(serializer.data)
```


초기 페이지

- 로그인 페이지, 회원가입 페이지



A screenshot of a web browser showing the login page for 'Flicks-on'. The browser's address bar displays 'localhost:5173/login'. The page has a dark background. On the left, there is a white square containing the 'Flicks-on' logo. On the right, there is a white rectangular form. The form contains the following elements: a label 'ID :' followed by a text input field; a label 'Password :' followed by a text input field; a dark button labeled 'Log In'; and a link '아직 회원이 아니신가요 ?' followed by a dark button labeled 'Join Us!'.



A screenshot of a web browser showing the sign-up page for 'Flicks-on'. The browser's address bar displays 'localhost:5173/signup'. The page has a dark background. On the left, there is a white square containing the 'Flicks-on' logo. On the right, there is a white rectangular form. The form contains the following elements: a label 'ID :' followed by a text input field; a label 'Nickname :' followed by a text input field; a label 'Password :' followed by a text input field; a label 'Password Confirmation :' followed by a text input field; and a dark button labeled 'Create New Account'.

초기 페이지 - 회원가입 페이지 (1)

localhost:5173/signup

Flicks-on

ID :

Nickname :

Password :

Password Confirmation :

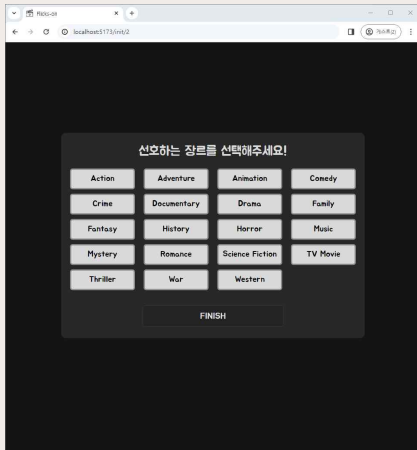
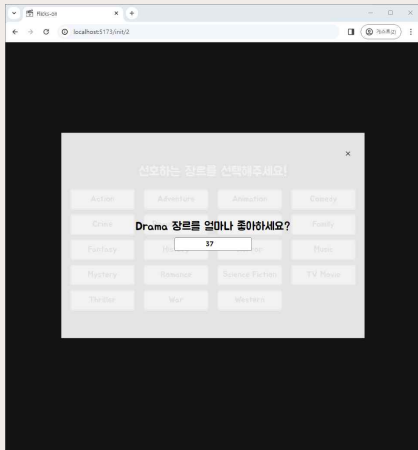
Create New Account

localhost:5173/entry/2

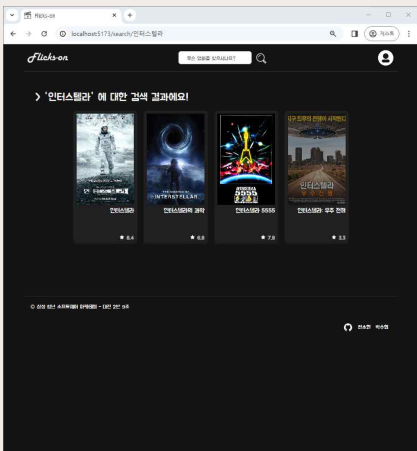
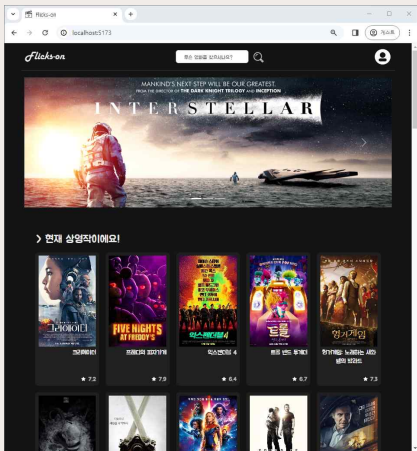
선호하는 장르를 선택해주세요!

Action	Adventure	Animation	Comedy
Crime	Documentary	Drama	Family
Fantasy	History	Horror	Music
Mystery	Romance	Science Fiction	TV Movie
Thriller	War	Western	

초기 페이지 - 회원가입 페이지 (2)

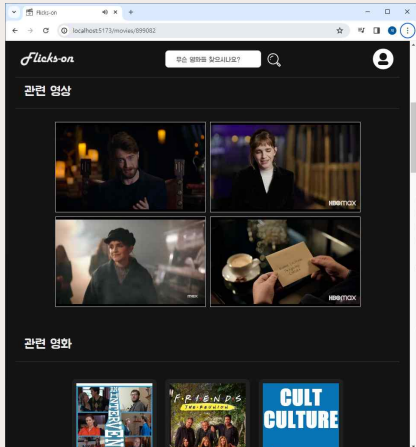
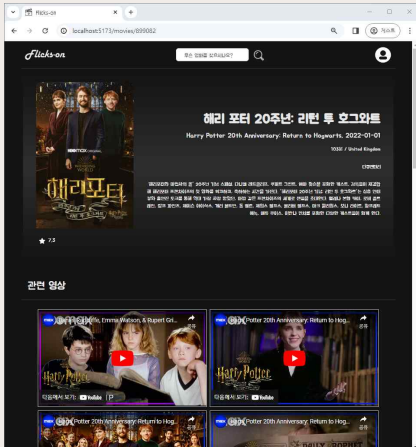


메인 페이지 - 메인 페이지 (현재 상영작, 인기작, 개봉 예정작), 검색 페이지

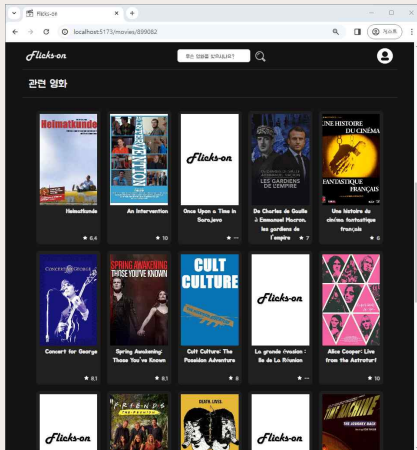


영화 페이지

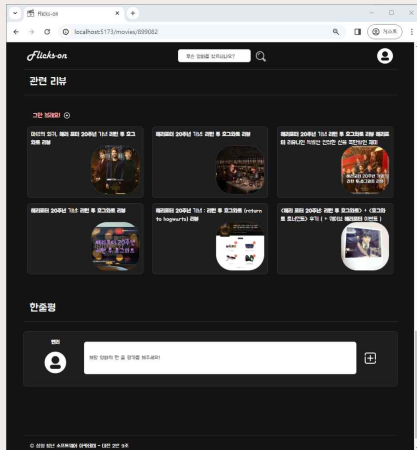
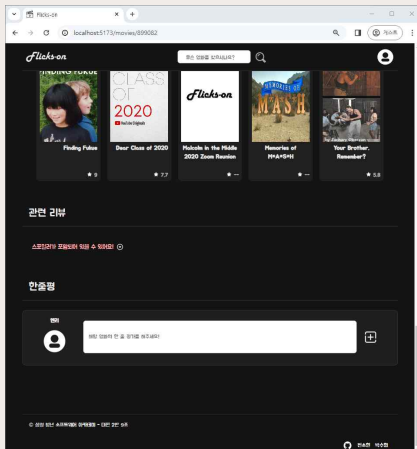
- 영화 디테일 페이지 (영화 정보, 관련 영상, 관련 영화 (1))



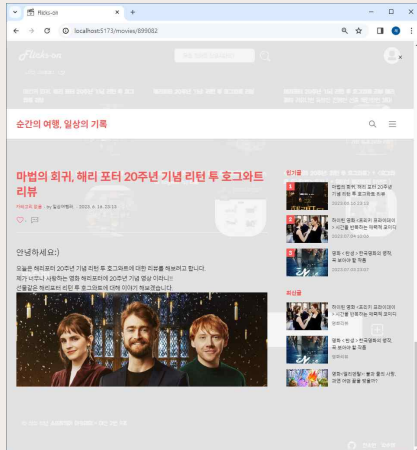
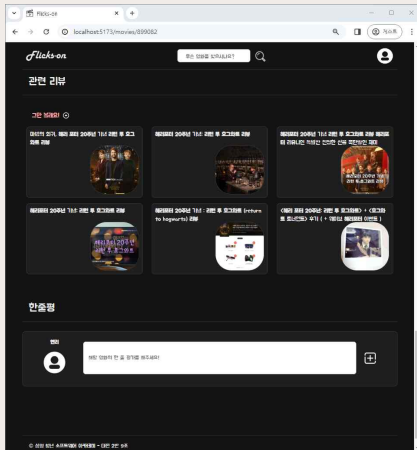
영화 페이지 - 영화 디테일 페이지 (관련 영화)



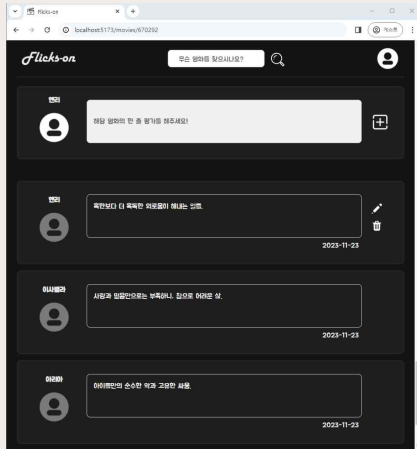
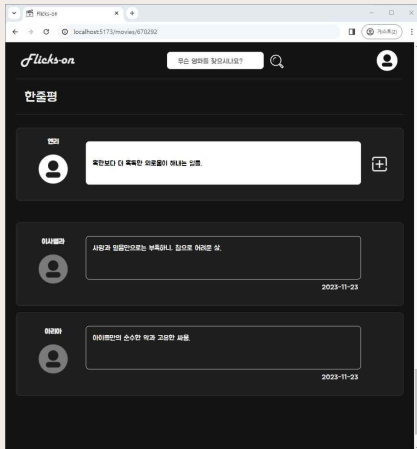
영화 페이지 - 영화 디테일 페이지 (관련 리뷰 (1))



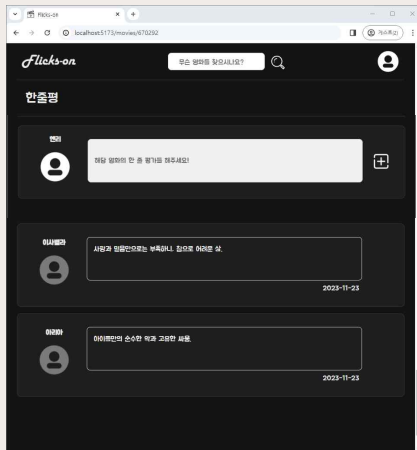
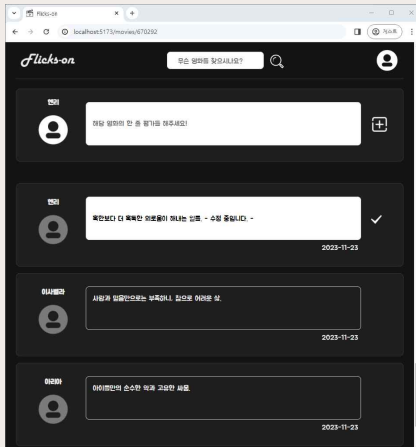
영화 페이지 - 영화 디테일 페이지 (관련 리뷰 (2))



영화 페이지 - 영화 디테일 페이지 (한줄평) (1)

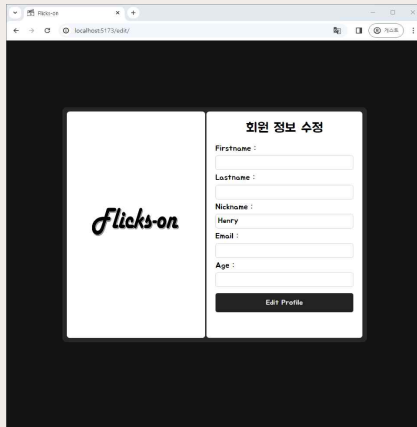
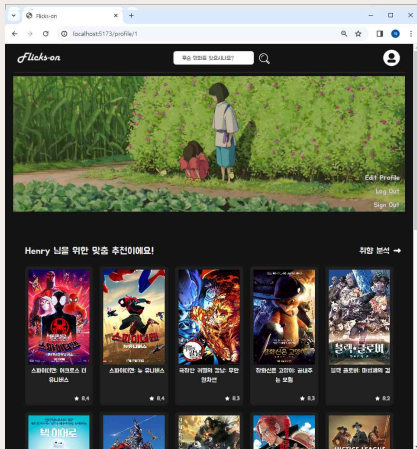


영화 페이지 - 영화 디테일 페이지 (한줄평) (2)



유저 페이지

- 프로필 페이지, 회원 정보 수정 페이지



Thank You