

# swovie

<https://swovie.app>

Helping a group of people to decide which movie to watch

*... since one day ago*

## Use-Case

- Friends meet up
  - Decide they want to watch a movie
  - Can't agree on a movie
- Swovie app comes to the rescue!



# Design

Goals:

- Be functional

*... and look great while doing it*

## How To: Swovie

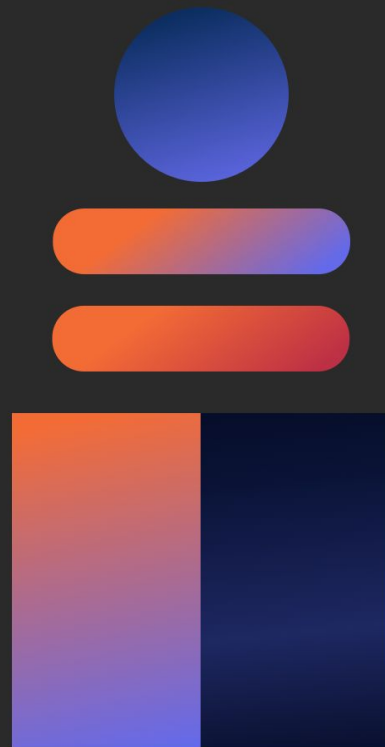
Fonts:

Futura Bold

Space Grotesk Regular



#070F2C	#7A2DAA	#E2632F	#CAD2FF	#FFFFFF
	#7D52EE	#FB8558		
	#6965EA			



# Find your perfect movie

start lobby

or

join lobby

SWOVIE



Enter session ID

join

or simply scan QR code with  
your camera



movieapp



## Lobby created!

ID: XYZ52535



share link



start swiping



## Let's start



Genre



Release date

1960

2010

Country

Search



Rating

4.5

Duration

60

120



Match if

80%

Join link active for

5 min

submit

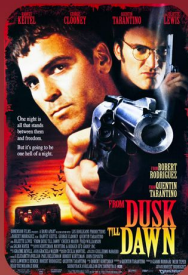


## From Dusk Till Dawn, 1996

horror

action

Tarantino



## From Dusk Till Dawn, 1996

horror

action

USA

The Gecko brothers are on the run from the Texas police and the FBI after a crime spree through the Southwest. Soon, they find themselves drawn into a battle with a bloodthirsty gang of vampires.



7.2/10 IMDb

4.7/5 Amazon

YouTube



iMDB



### From Dusk Till Dawn

1996 • directed by Tarantino

action

horror



### What We Do in the Shadows

2012 • directed by Waititi

action

horror



### From Dusk Till Dawn, 1996

the gecko brothers are on the run...



## Movies' search response

```

JSON
  page : 1
  results
    0
      adult : false
      backdrop_path : "/zwB7005nBoGEvAE2SAQ9Y6K4rN.jpg"
      genre_ids
      id : 643550
      original_language : "en"
      original_title : "Nocturne"
      overview : "Inside the halls of an elite arts academy, a timid music student begins to outshine her more accomplished and outgoing twin sister when she discovers a mysterious notebook belonging to a recently deceased classmate."
      popularity : 25.345
      poster_path : "/zJNFIWBGYSMbTAK6Ygqgj6Rahq.jpg"
      release_date : "2020-10-13"
      title : "Nocturne"
      video : false
      vote_average : 6
      vote_count : 254
    1
    2
    3
    4
    5
    6
    7
    8
    9
    10
    11
    12
    13
    14
    15
    16
    17
    18
    19
  total_pages : 7
  total_results : 135

```

# TMDB API

Movies' details response

```
{
  "adult": false,
  "backdrop_path": "/tY6zVyf0OubPgCapbXFJLKHQqSu.jpg",
  "belongs_to_collection": null,
  "budget": 1350000,
  "genres": [
    {
      "id": 100,
      "name": "Action"
    },
    {
      "id": 28,
      "name": "Drama"
    },
    {
      "id": 53,
      "name": "Thriller"
    }
  ],
  "homepage": "http://www.universalstudiosentertainment.com/lock-stock-and-two-smoking-barrels/",
  "id": 100,
  "imdb_id": "tt0120735",
  "original_language": "en",
  "original_title": "Lock, Stock and Two Smoking Barrels",
  "overview": "A card shark and his unwillingly-enlisted friends need to make a lot of cash quick after losing a sketchy poker match. To do this they decide to pull a heist on a small-time gang who happen to be operating out of the flat next door.",
  "popularity": 7.647,
  "poster_path": "/t8kSerJhrJWKLtLViesGcmUPE.jpg",
  "production_companies": [
    {
      "id": 1,
      "name": "Universal Studios"
    }
  ],
  "production_countries": [
    {
      "iso_3166_1": "US",
      "name": "United States of America"
    }
  ],
  "release_date": "1998-08-28",
  "revenue": 28356188,
  "runtime": 105,
  "spoken_languages": [
    {
      "iso_639_1": "en",
      "name": "English"
    }
  ],
  "status": "Released",
  "tagline": "A Disgrace to Criminals Everywhere.",
  "title": "Lock, Stock and Two Smoking Barrels",
  "video": false,
  "vote_average": 8.2,
  "vote_count": 5131,
  "videos": [
    {
      "iso_639_1": "en",
      "iso_3166_1": "US",
      "name": "Lock, Stock and Two Smoking Barrels - International Digital Trailer",
      "key": "t24564828",
      "site": "Vimeo",
      "size": 720,
      "type": "Trailer",
      "official": false,
      "published_at": "2015-04-09 21:10:28 UTC",
      "id": "5f13e71d2f5e5003d2cc40b"
    }
  ],
  "credits": {
    "cast": [
      {
        "id": 1,
        "name": "Ewan McGregor",
        "character": "Tom",
        "order": 1
      },
      {
        "id": 2,
        "name": "Jason Statham",
        "character": "Vin",
        "order": 2
      },
      {
        "id": 3,
        "name": "Nick Moran",
        "character": "Mick",
        "order": 3
      },
      {
        "id": 4,
        "name": "Dylan McDermott",
        "character": "Mick",
        "order": 4
      },
      {
        "id": 5,
        "name": "John Hensley",
        "character": "Mick",
        "order": 5
      }
    ],
    "crew": [
      {
        "id": 1,
        "name": "Guy Ritchie",
        "department": "Directing",
        "job": "Director"
      }
    ]
  }
}
```

<https://developers.themoviedb.org/3/>



# Firestore Realtime Database

## Session database structure

[swovieapp-default-rtdb](#) > [sessions](#) > [-MpumkOl0mVr9vKgOx1D](#)

```
-MpumkOl0mVr9vKgOx1D
├── active: true
├── batchUids
│   └── 0: "-MpumkPsBDuw5U1DCaI7"
├── filter
│   ├── duration
│   │   ├── from: 0
│   │   └── to: 300
│   ├── language
│   │   ├── code: "en"
│   │   └── name: "English"
│   └── minRating: 4.199999809265137
│       └── releaseYear
│           ├── from: 1900
│           └── to: 2021
├── id: "-MpumkOl0mVr9vKgOx1D"
├── movies
├── options
│   ├── joinTimer: 270
│   └── matchPercentage: 100
├── startTimestamp: 1638442665585
└── users
    ├── -MpumkOoNu2Ah3FY6gDS: "6361c1d8b69cc667"
    ├── -MpumssokwEAXndQmbu: "0aa45761fba72a20"
    └── -MpumtLxn6rxH4hrLBP: "f8a2cc3f78f91bdc"
```

## Session's movies structure

[swovieapp-default-rtdb](#) > [sessions](#) > [-MpumkOl0mVr9vKgOx1D](#) > [movies](#)

```
movies
├── -MpumkPsBDuw5U1DCaI7
│   ├── acceptedBy
│   │   ├── 0: "0aa45761fba72a20"
│   │   └── 1: "f8a2cc3f78f91bdc"
│   ├── apild: 1930
│   ├── genre_ids
│   │   ├── 0: 28
│   │   ├── 1: 12
│   │   └── 2: 14
│   ├── original_title: "The Amazing Spider-Man"
│   ├── overview: "Peter Parker is an outcast high schooler abando..."
│   ├── poster_path: "/fSbqPbqXa7ePo8bcnZYN9AHv6zA.jpg"
│   ├── rating: 6.599999904632568
│   ├── releaseDate: "2012-06-23"
│   ├── releaseYear: 2012
│   └── swipedBy
│       ├── 0: "0aa45761fba72a20"
│       ├── 1: "6361c1d8b69cc667"
│       └── 2: "f8a2cc3f78f91bdc"
│       ├── title: "The Amazing Spider-Man"
│       └── uid: "-MpumkPtF2anzkzuBvIv"
├── -MpumkPuzK4oHseALXYR
├── -MpumkPuzK4oHseALXYS
└── -MpumkPuzK4oHseALXYT
```



# Firestore Realtime Database

## Matches database structure

[swovieapp-default-rtdb](#) > [sessions](#) > [-MpumkOl0mVr9vKgOx1D](#) > [matches](#)

### matches

```
-MpunJcQPi-KAI4m5oA4
├── acceptedBy
│   ├── 0: "0aa45761fba72a20"
│   └── 1: "6361c1d8b69cc667"
├── apild: 315635
├── + genre_ids
│   ├── original_title: "Spider-Man: Homecoming"
│   ├── overview: "Following the events of Captain America: Civil ..."
│   ├── poster_path: "/c24sv2weTHPsmDa7jEMN0m2P3RT.jpg"
│   ├── rating: 7.400000095367432
│   ├── releaseDate: "2017-07-05"
│   └── releaseYear: 2017
├── + swipedBy
│   ├── title: "Spider-Man: Homecoming"
│   └── uid: "-MpumkPuzK4oHseALXYR"
```

# Structure

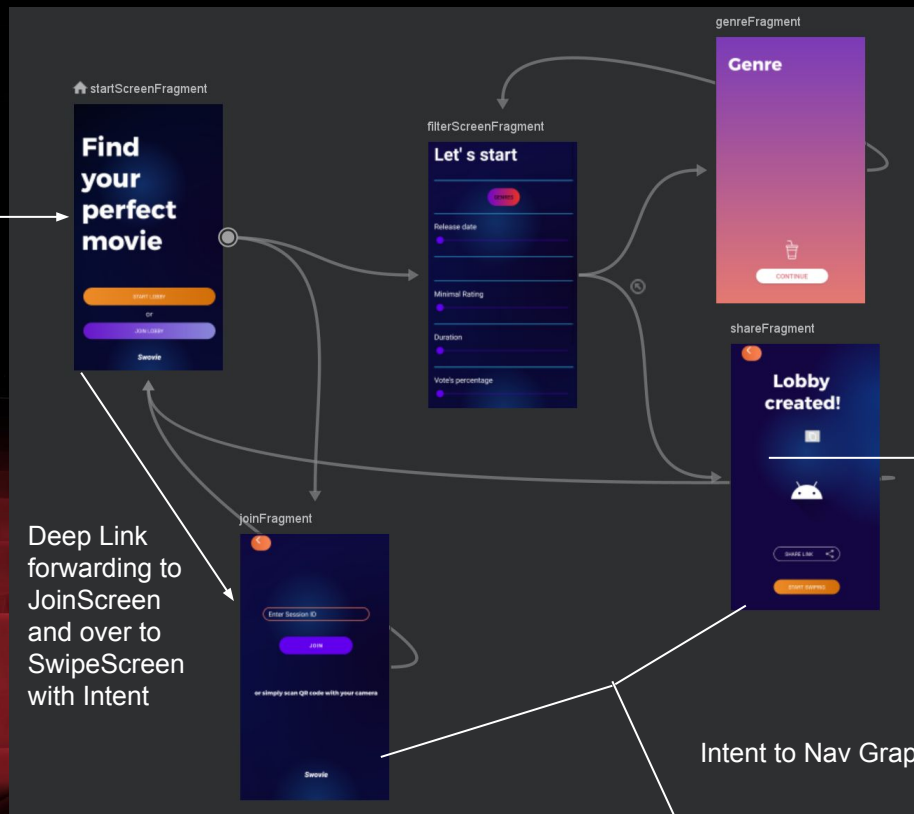
## Navigation Graph 1

Deep Link

Deep Link forwarding to JoinScreen and over to SwipeScreen with Intent

Create Join link and a QR code

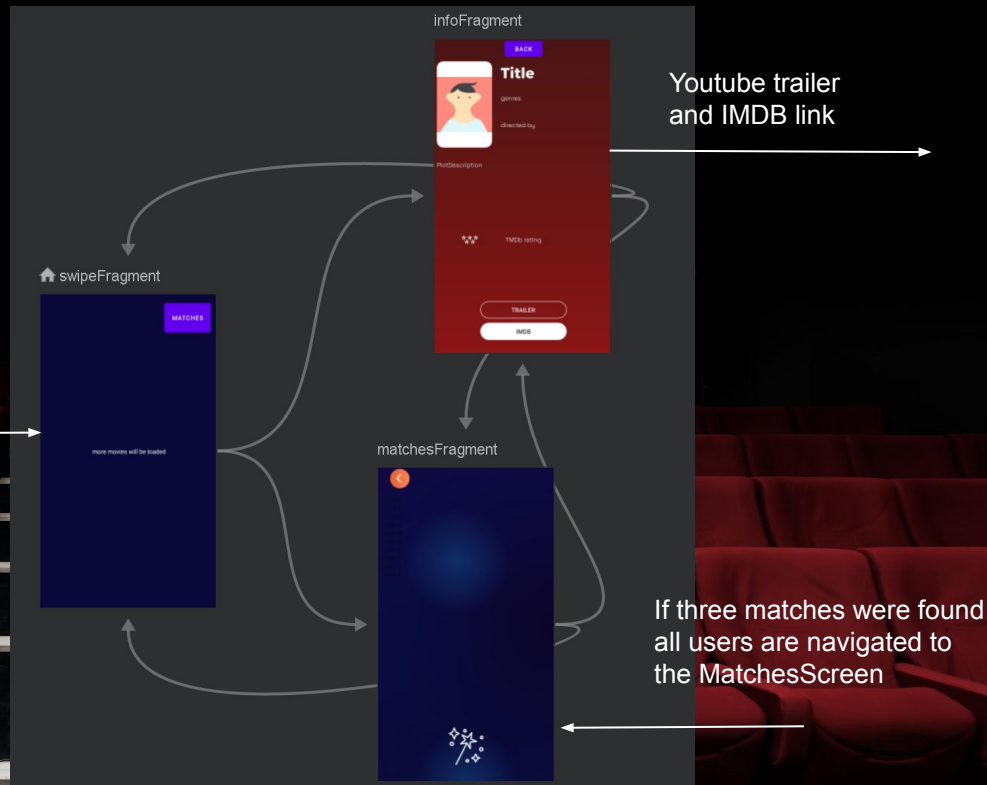
Intent to Nav Graph 2



# Structure

## Navigation Graph 2

Intent



**It's demo time!**



# What we struggled with

- Carlos: implementing the swipe items
- Lisa: so much to do, so little time!
- Kirill: asynchronous responses from API and Firebase



# swovie

<https://swovie.app>

Helping a group of people to decide which movie to watch

*... since one day ago*