

# Angular Front End

# Tasks part 1 - Pages

Part 1:

Home component

Login component

Register component

...

Part2:

Movie List page component

card component

Movie Item page component

youtube component

...

Reuse:

NavBar component

Page Not Found component

...

# Tasks part 2 - TMDB

TMDB Key:

[https://kb.synology.com/en-us/DSM/tutorial/How\\_to\\_apply\\_for\\_a\\_personal\\_API\\_key\\_to\\_get\\_video\\_info](https://kb.synology.com/en-us/DSM/tutorial/How_to_apply_for_a_personal_API_key_to_get_video_info)

TMDB API: <https://developers.themoviedb.org/3/getting-started/introduction>

# Tasks part 3 - Auth

## Authentication and Authorization

Token strategy: Local storage

Maintain user info in a service

Use Router Guards to control authorization in Angular app.

Request through HttpInterceptor

# Tasks for team:

- 1. Create Home Page for Movie App
- 2. Create Register Page for Movie App
- 3. Create Login Page for Movie App
- 4. Fetch data and render cards in movies page
- 5. Design and Create a Movie card, list info poster img and infos on it
- 6. Design and create movie list page.
- 7. Design and implement navbar component (can be use as a header or side navbar )

- 8. infinity scroll for Movie page
- 10. use resolver to hold http request response for next page
- 11. Design and implement movie-item page
- 12. Implement lazy loading for each page
- 13. implement signUp and signIn with our Movie Back end API
- 14. decode jwt and maintain user info in a service
- 15. Refresh browser, auth still work.

- 16. refresh token
  - 17. add guards for movies list and movies-details page
  - 18. show username if login
- 
- 19. user can change his role in front end
  - 20. all these api key should get from jwt token

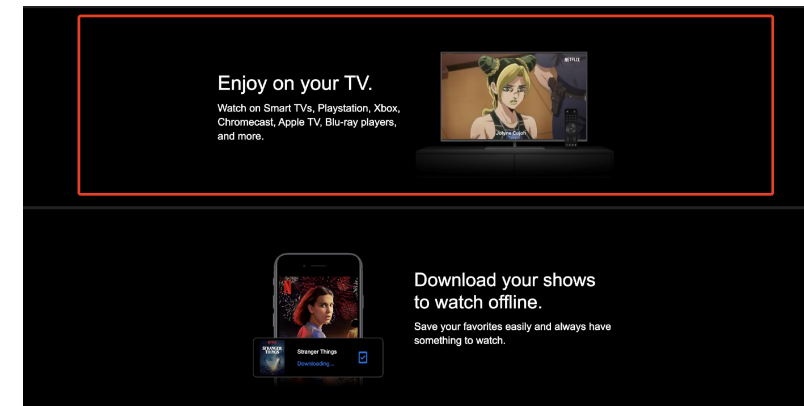
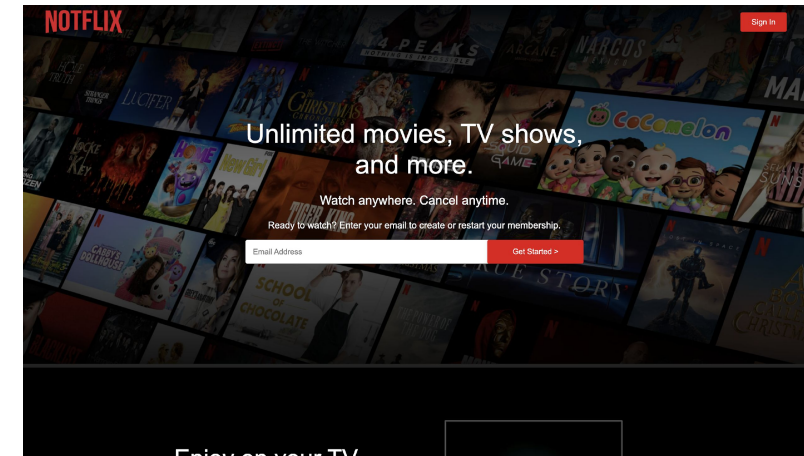
# Basic setting for Our Movie Pages

- A UI library (any UI library as Angular Material)
- Add router and SCSS in our web.



# Page1\_HomePage

- Create Home Page for Movie App. (Consider Netflix Home page design, or any another design, after your team meeting)
- Create a nav bar on top on of this page, this nav bar should be a reuse component, at least include a logo and a login button.
- Try to split your page to multiple components

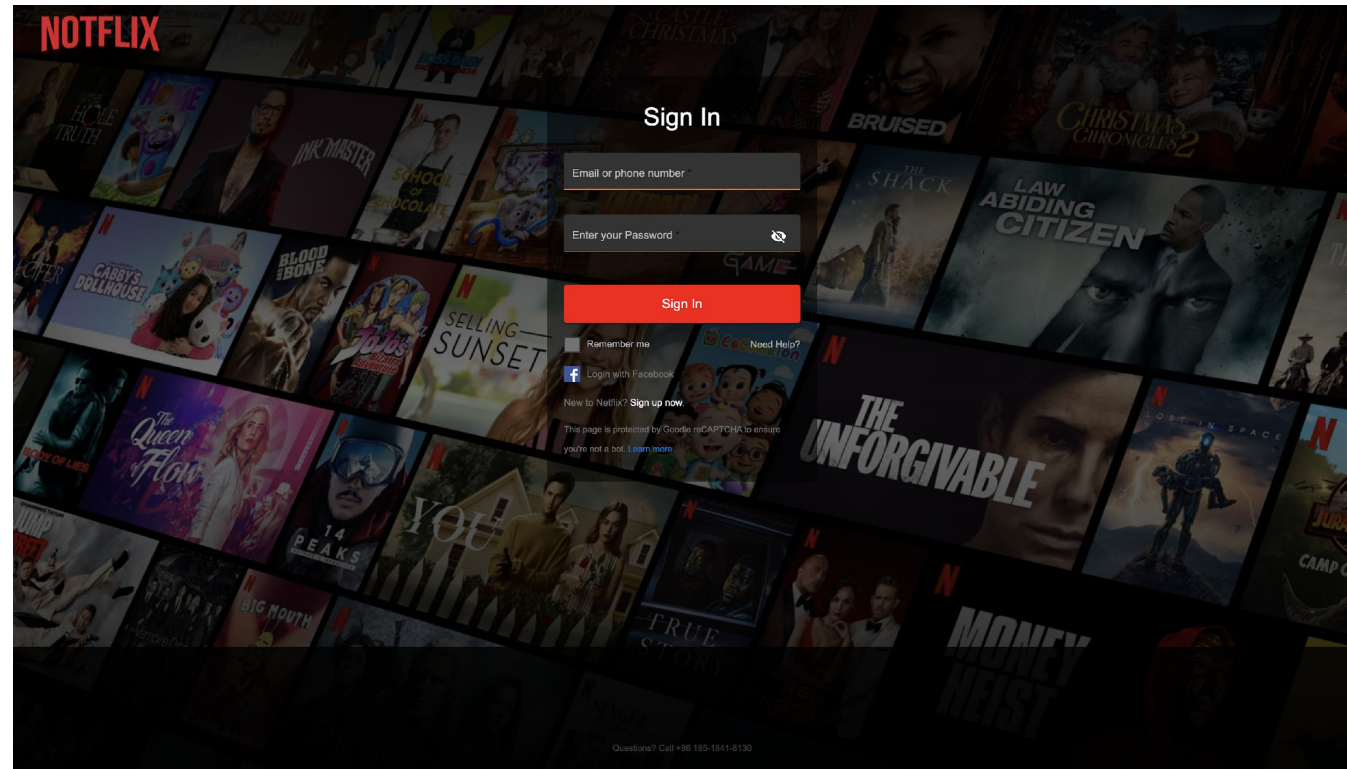


# Page2\_LoginPage

## - Create a login page

This is a standard page, not a popup dialog.

Use *form* element to hold email and password input box.



# Page3\_RegisterPage

- Create Register component.

Use *form* element to hold following inputs

```
{
  "username": "string",
  "password": "string",
  "email": "string",
  "role": "string",
  "tmdb_key": "stringstringstr"
}
```

Use Multiple pages to create user Signup.  
Spatially the page help us create your role(the plan page)

NOTFLIX

Sign Up

STEP 1 OF 3

Create a password to start your membership

Just a few more steps and you're done!

We hate paperwork, too.

Next

NOTFLIX

Sign Up

STEP 1 OF 3

Create a Username & Add your Tmdb Api Key

Just a few more steps and you're done!

We hate paperwork, too.

Next

NOTFLIX

Sign In

STEP 3 OF 3

Choose the plan that's right for you

☒ Watch all you want. Ad-free.

☒ Recommendations just for you.

☒ Change or cancel your plan anytime.

	Basic	Standard	Premium
Monthly price	\$9.99	\$15.49	\$19.99
Video quality	1080p	4K	4K + HDR
Resolution	1080p	4K	4K + HDR
Watch on your TV, computer, mobile phone and tablet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Next