Front End (Next.js)

Recieve data from redux storage

UI

Utils
(libs, scripts, fonts)

Next JS App Router

State Management

Client Storage
(store some basic data)

Get/Set data to prevent extra requests to api

Auth storage
(Redux)

set/get/delete some simple data to prevent extra requests

API Service
(based on Next js fetches)

specifies what can be drawn in the ui

Layout render guard

if page is for auth. users
↓
Auth guard checks if the user is authorized

HTTP req/res flow

Back End (Nest.js)

HTTP Gateway

Permission Guard

Cookie Bearer

JWT Session

Security

User Module

Auth Module

Domain logic

Collection Module

Poll Module

mongoose

Connection Pool

MongoDB