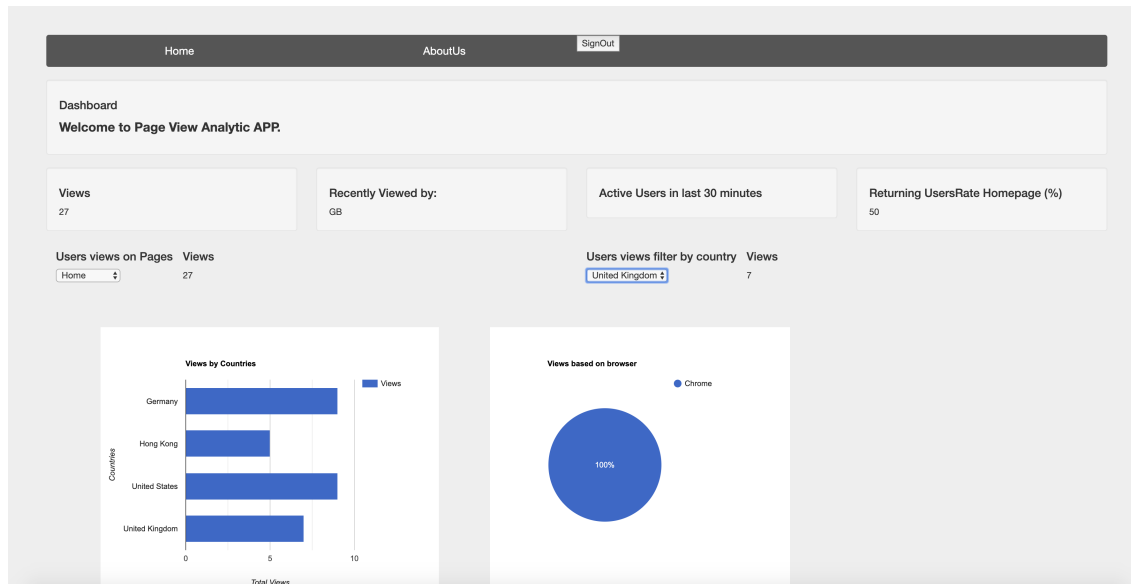


pageViewAnalysis

A Full stack Application for analysing Web pages



This codebase has been created to demonstrate a Full Stack Page Analysis application (Dashboard for analysing web pages). The service allows measuring the number of views the website had for a particular page and show the analytics in representative way.

Developed application will show you number of views for following page: Home and AboutUS. Also, it gives you various option to see/filter views according to the requirement. For example, some of the Filter options are:

- Collect all page views
- Get page views by page id
- Get page views by country
- Get page views by countries. (For sample, we used Germany, Hong Kong, United States and United Kingdom as countries) (Graph)
- Get page views by a browser name
- Get page activity for a last 30 mins.
- Returning user rate (for this application, returning user rate is calculated for user who visits homepage for more than 1 time.)

Additional Implementation

Backend API calls are secured with JWT token (calling middleware) which gets created everytime when user login.

Technology Stack

Backend: NodeJS, Mongoose Frontend: HTML, CSS, Bootstrap

For more information on how this works with other frontends/backends, clone this repo and follow instructions.

Getting Started

These instructions will get you a copy of the project up and running on your local machine for development and testing purposes.

Prerequisites

Nodejs

MongoDB (Install mongoDB on local system using <https://docs.mongodb.com/manual/administration/install-community/>)

Mongoose

Expressjs

Development Setup

Explain how to install all development dependencies.

```
git clone https://github.com/himanshunagda/pageViewAnalysis
```

```
cd pageViewAnalysis
```

```
npm i
```

How to initiate MongoDB/Mongoose

```
node scripts/mongoInitiate.js
```

Start the Development server

```
npm start
```

It starts project on <http://localhost:4000/>

Basic Steps

- Once development server is running, an login page can be accessed on URL <http://localhost:4000/>
- For sample login, 3 samples users have been already created. Login with following credentials:

username: user1 or user2 or user3

password: pass1, pass2, pass3
- After login, dashboard can be seen as session is created for loggedIn User.
- Views of web pages (Home and AboutUs) are different from each other.

Abbreviation

DE--Deutschland