



# Frontend Team

## Week 9

Group Members:

Ayca Gökdağ

Doğa Güneş Karadağ

Salih Bulmaz

Semih Gençten

Nour Elhouda Znagui

Baturalp İnce (Data Visualization)

Ayberk Bozkuş (Data Visualization)

Arda Altıntaş (System Integration)

Ubeydullah Önder (System Integration)

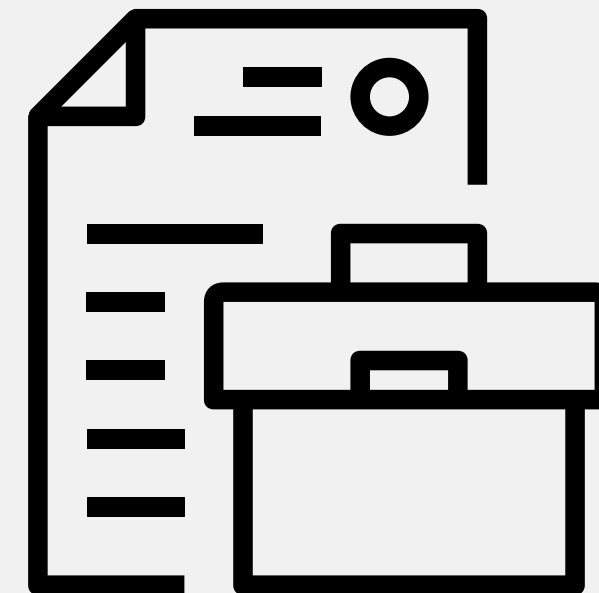
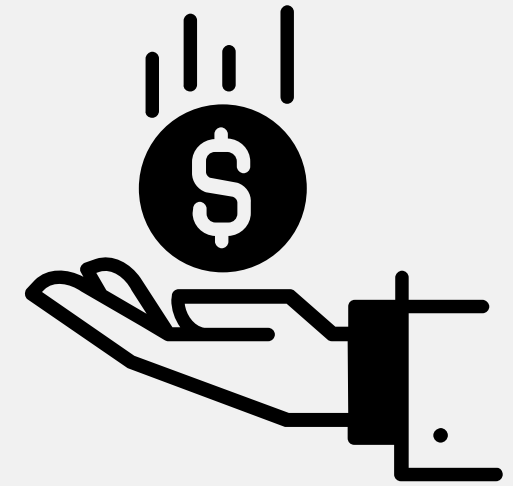
# About this week



- Portfolio Page Development
- News Page Development
- Forgot Password Page
- Home Page
- Implementing Authentication

# My Portfolio

- Understand current performance
- Comprehensive view of your investments
- Customization Options
- Risk Assessment
- Interactive Charts and Graphs



# My Portfolio

endpoints needed:

- **/getPortfolios**
- **/getPortfolioDetails**
- **/addAsset**
- **/removeAsset**
- **/createPortfolio**
- **/deletePortfolio**



Portfolio Name  
Symbols  
Cost basis  
Market value  
Day change  
Unrealized gain/loss  
Realized gain/loss



Symbol  
Status  
Shares  
Last price  
Average cost / Share  
Total cost  
Market Value  
Total Dividend Income  
Today's Gain  
Total Return

# Portfolio Breakdown

LOGO HERE

Profile

HOME

ANALYSIS

MARKETS

PORTFOLIO

NEWS

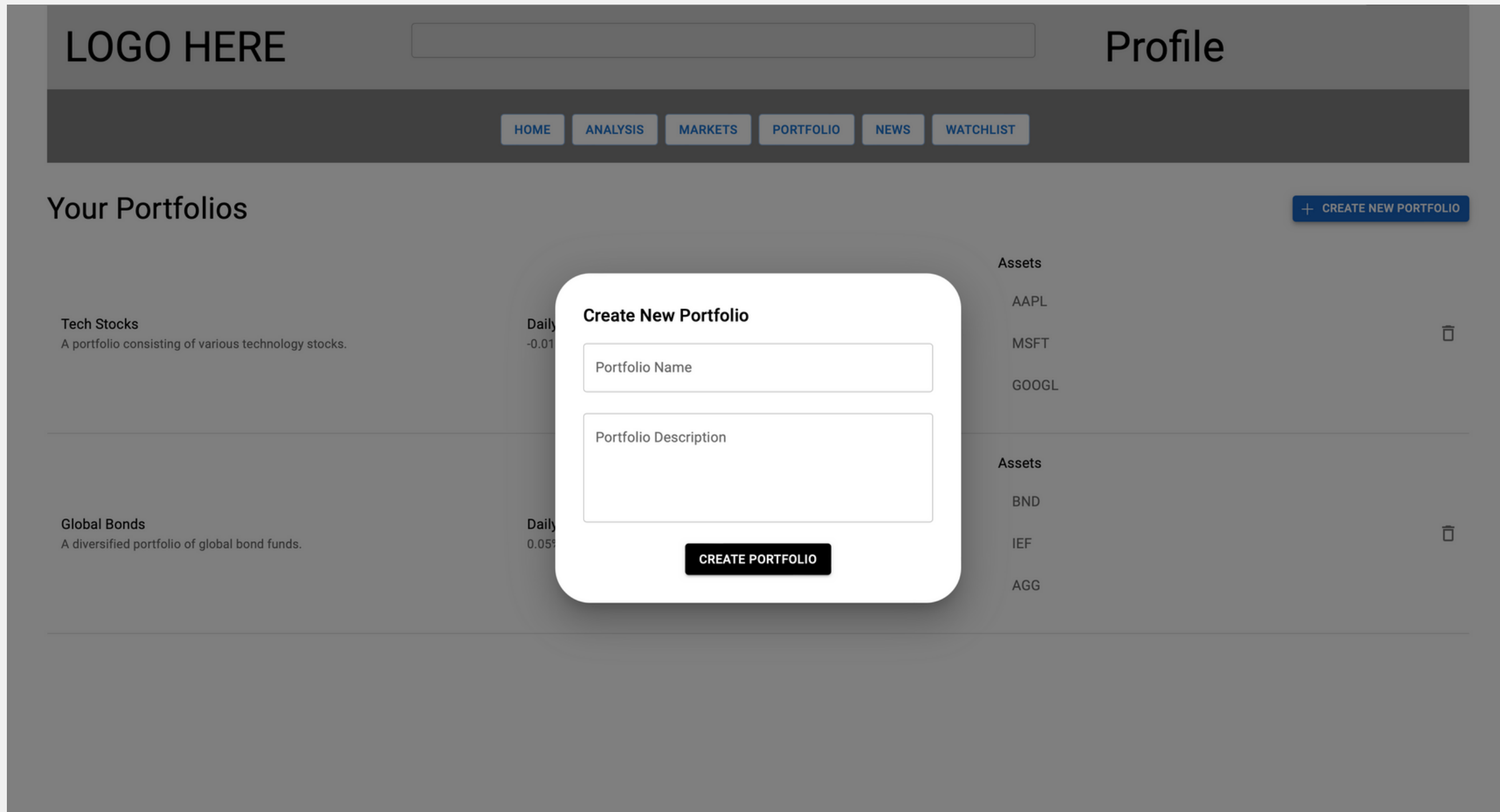
WATCHLIST

Your Portfolios

+ CREATE NEW PORTFOLIO

			Assets	
			AAPL	
			MSFT	
			GOOGL	
			Assets	
			BND	
			IEF	
			AGG	

# Adding/Removing Portfolios



# Portfolio Details

LOGO HERE

Profile

HOME

ANALYSIS

MARKETS

PORTFOLIO

NEWS

WATCHLIST

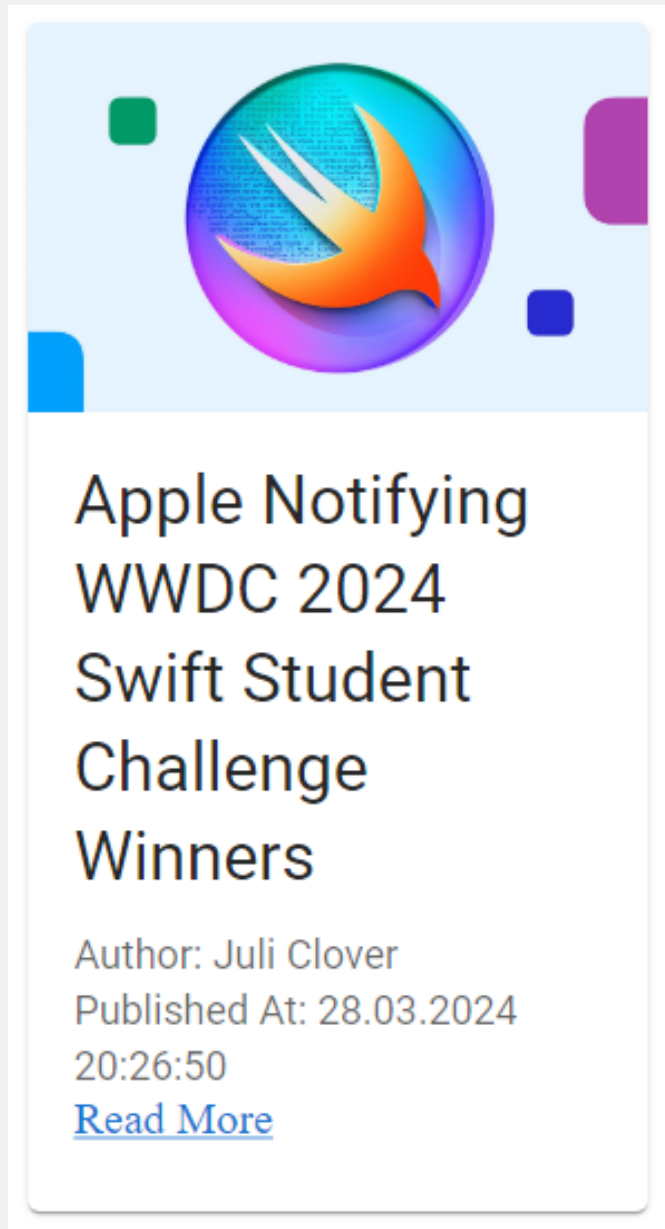
## Portfolio Details: Tech Stocks

Ticker	Last Price	Change	Change %	Currency	Market Time	Volume	Shares	Avg Vol (3m)	Day Range	52-Wk Range	Market Cap
AAPL	175.25	+2.75	1.59%	USD	2023-04-15 16:00:00	98,765,432	16,789,000	50,678,910	172.00 - 176.80	130.00 - 180.00	2.4T
MSFT	300.40	+1.80	0.60%	USD	2023-04-15 16:00:00	12,345,678	7,609,800	19,876,543	295.00 - 302.50	250.00 - 310.00	1.8T

+ ADD ASSET

# News Page

## UI UPDATES



### Card Component

- **Function:** A card represents a specific piece of information by bringing together elements such as an image, title, subtitle, and description.
- **Use Cases:** Various content types such as news items, product information, user profiles, etc., can be displayed within a card.

### Benefits:

- **Provides layout and visual hierarchy in the user interface.**
- **Facilitates understanding and accessing content.**
- **Offers flexibility, allowing customization of content according to needs.**



WATCHLIST

STATISTICS

# News for Nvidia

## Compaines

Nvidia

Apple Inc.

Amazon.com Inc.

Tesla, Inc.

Microsoft Corporation

Alphabet Inc. (Google)

Facebook, Inc.

Alibaba Group Holding Limited

Johnson & Johnson

Visa Inc

[Removed]

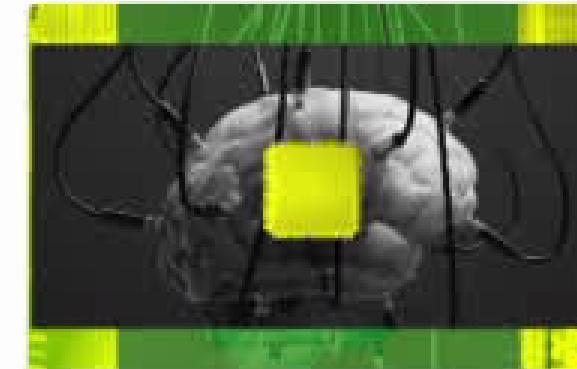
[Removed]

Author:  
Published At: 01.01.1970  
02:00:00  
[Read More](#)



Nvidia's AI chip dominance is being targeted by Google, Intel, and Arm

Author: Jess Weatherbed  
Published At: 25.03.2024  
19:34:10  
[Read More](#)



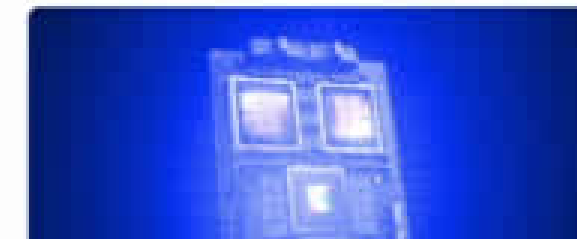
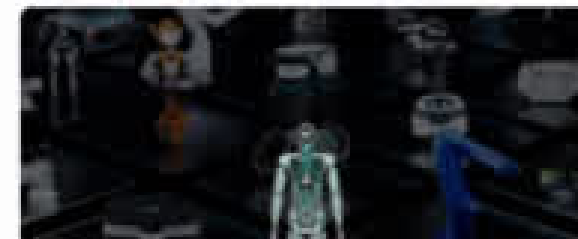
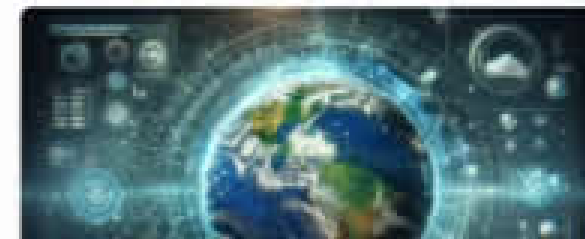
To Build a Better AI Supercomputer, Let There Be Light

Author: Will Knight  
Published At: 04.04.2024  
19:00:00  
[Read More](#)



Nvidia launches NIM to simplify AI model deployment

Author: Maxwell Nelson  
Published At: 19.03.2024  
02:57:23  
[Read More](#)




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# Password Forgot Pages

*In the case of user fotgets his/him password ;*

- Specify email address that related the password
- Send the password to the related email address
- If there is an account that uses this email send the password to this mail address.


## Forgot Password Page



Forgot Password

SEND MAIL

## Password Change Page



Forgot Password

CHANGE PASSWORD

# Say Hello to Our First GitHub Action

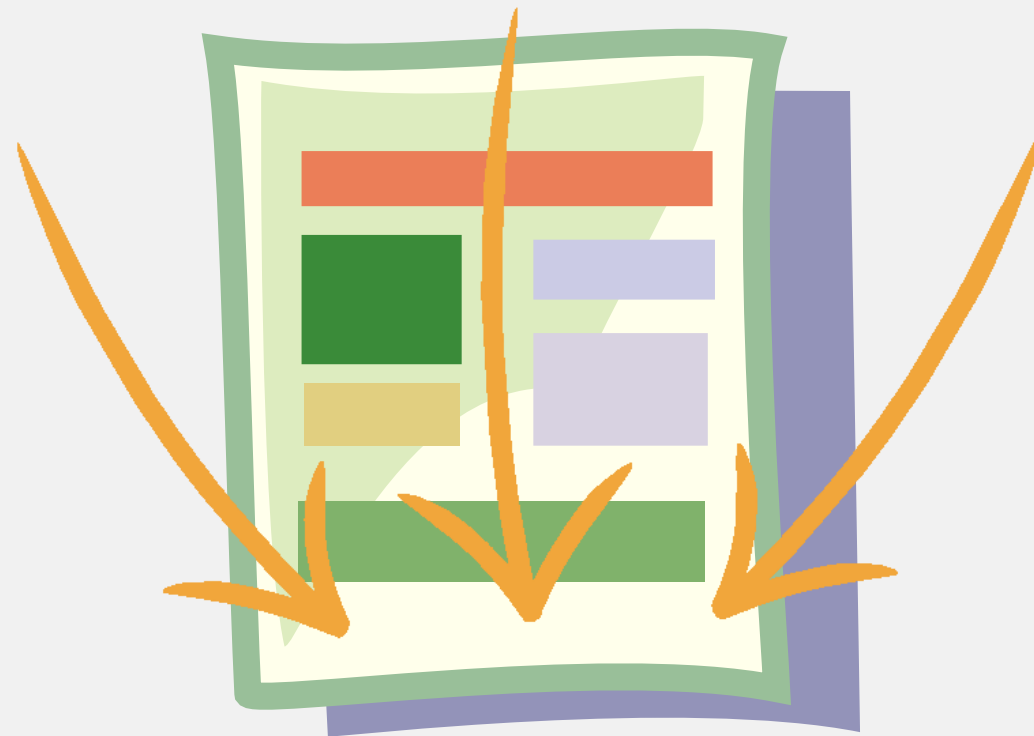
The task is simple

On main branch changed,

Run formatter to format all .js and .jsx files,

Push new formatted code to master.

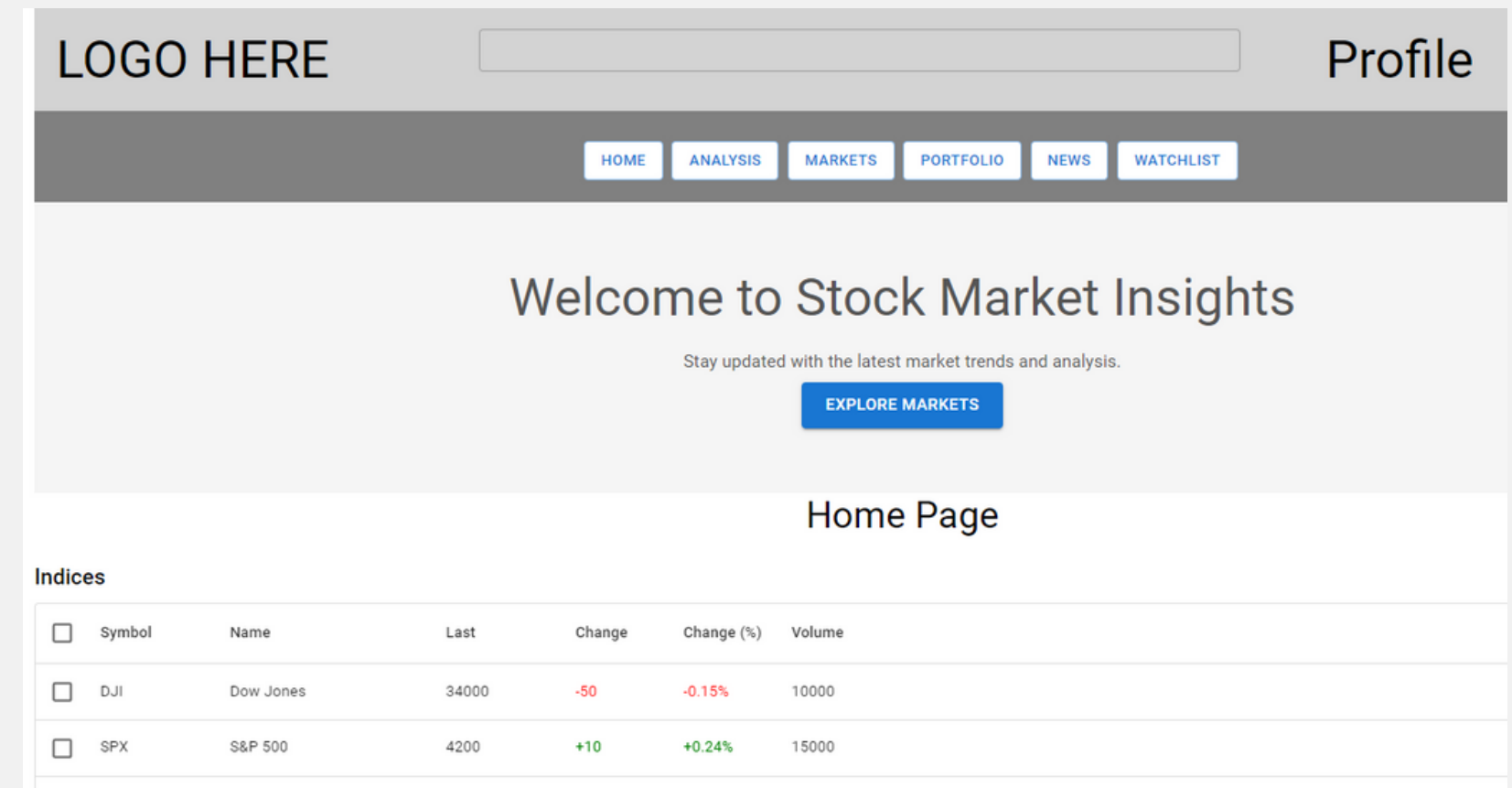
```
    {  
      path: "/sign-in", element: <SignIn />, // Bad formatted code  
    },  
  ],  
}
```



```
{  
  path: "/sign-in",  
  element: <SignIn />, // Bad formatted code  
},
```

# Home Page

- Components for three tables;
  - Indices
  - Trending Stocks
  - Top Gainers
- Change values colored accordingly



# Tables to give brief information

## Indices

<input type="checkbox"/>	Symbol	Name	Last	Change	Change (%)	Volume
<input type="checkbox"/>	DJI	Dow Jones	34000	-50	-0.15%	10000
<input type="checkbox"/>	SPX	S&P 500	4200	+10	+0.24%	15000
<input type="checkbox"/>	FTSE	FTSE 100	7000	+20	+0.29%	12000
<input type="checkbox"/>	NIKKEI	Nikkei 225	29000	-30	-0.10%	9000
<input type="checkbox"/>	HSI	Hang Seng	29000	-10	-0.03%	11000
<input type="checkbox"/>	ASX	ASX 200	7000	+15	+0.21%	10000

Rows per page: 100 1-10 of 10

## Trending Stocks

<input type="checkbox"/>	Symbol	Name	Last	Change	Change (%)	Volume
<input type="checkbox"/>	AAPL	Apple Inc.	150	+5	+0.03%	25000
<input type="checkbox"/>	TSLA	Tesla, Inc.	800	+30	+0.15%	35000
<input type="checkbox"/>	AMZN	Amazon.com Inc.	3200	-15	-0.47%	18000
<input type="checkbox"/>	GOOGL	Alphabet Inc.	2000	-25	-1.25%	22000
<input type="checkbox"/>	MSFT	Microsoft Corporation	250	+10	+0.04%	20000
<input type="checkbox"/>	NVDA	Nvidia Corporation	100	-20	-0.71%	15600
<input type="checkbox"/>	BABA	Alibaba Group	200	+8	+0.60%	28000
<input type="checkbox"/>	META	Facebook, Inc.	300	-7	-0.36%	18000
<input type="checkbox"/>	V	Visa Inc.	220	+12	+0.55%	19000

## Top Gainers

<input type="checkbox"/>	Symbol	Name	Last	Change	Change (%)	Volume
<input type="checkbox"/>	NFLX	Netflix, Inc.	550	+40	+1.25%	22000
<input type="checkbox"/>	DIS	The Walt Disney Company	180	+25	+0.96%	19000
<input type="checkbox"/>	CSCO	Cisco Systems, Inc.	60	+8	+0.84%	21000
<input type="checkbox"/>	PG	Procter & Gamble Co.	140	+15	+0.68%	17000
<input type="checkbox"/>	CRM	Salesforce.com, Inc.	240	+10	+0.56%	16000
<input type="checkbox"/>	KO	The Coca-Cola Company	55	+3	+0.55%	14000
<input type="checkbox"/>	INTC	Intel Corporation	65	+3	+0.49%	15000
<input type="checkbox"/>	WMT	Walmart Inc.	140	+5	+0.35%	18000
<input type="checkbox"/>	BA	The Boeing Company	240	+5	+0.21%	13000

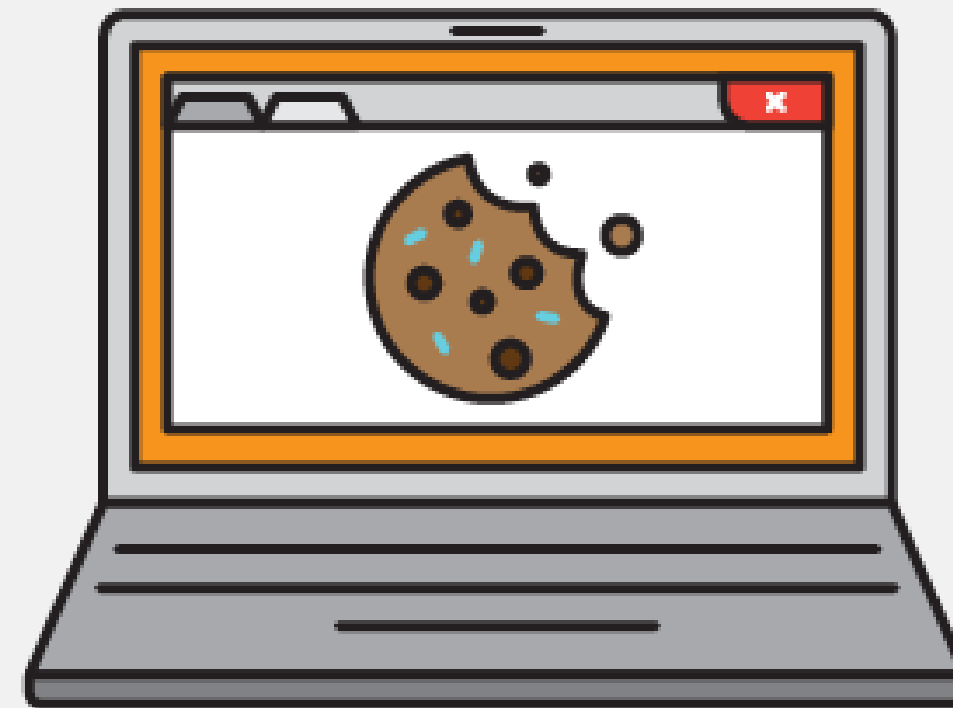
# Implementing Authentication

- We will use react-router to check authentication between pages.
- Every time the app is created the JWT in the cookies are sent to the backend to get user info, if the token is invalid protected routes will not be reachable.
- User info is saved inside redux store then it is reached throughout the app.



# Implementing Authentication cont'

- Cookies are where we store the token.
- When users want to sign out, cookie is simply deleted from the cookies.



**WEBSITE  
COOKIES**

# Implementing Authentication cont'

- React router renders nested components on different endpoints.
- Anonymous route checks if user is authenticated it will redirect to "/"
- Protected route checks if user is not authenticated it will redirect to "/auth/sign-in".

```
{
  path: "/auth/sign-in",
  element: (
    <AnonymousRoute>
      <WatchlistPage />,
    </AnonymousRoute>
  ),
},
{
  path: "/watchlist",
  element: (
    <ProtectedRoute>
      <WatchlistPage />,
    </ProtectedRoute>
  ),
},
```