

SPORTFLIX

Our project is called "Sportflix". It is a website for subscribing to and streaming sports channels. We have used Node.js and Express for backend, Ejs and Bootstrap for frontend and the database used is MongoDB.

DATABASE DESIGN:

We have used MongoDB to store the required data and monk to connect to the database. The db is called 'wpl-project' and has 2 collections:

1. Sportsflix-users:

This collection is used to store each different user's and admin's data to manage sessions. Example documents are shown below

User:

```
_id: ObjectId('6573c33fddd00ecb90e993d2')
name: "Vikas Motwani"
username: "v1k4s"
password_hashed: "$2a$10$03iNmowc97PBCLUTVHefeud4w2chJCSZdwPyi/8bcNg3dJ1em7a9q"
email: "abc@gmail.com"
phone: "4695623948"
dob: "11-14-2000"
▼ subscriptions: Array (1)
  0: "channel2"
▼ cart: Array (2)
  0: "channel1"
  1: "channel3"
role: "user"
```

Admin:

```
_id: ObjectId('6573c33fddd00ecb90e993d3')
name: "Samyak Rokade"
username: "sam"
email: "samyk.rokade@gmail.com"
phone: "9452490477"
dob: "2023-12-28"
▼ subscriptions: Array (1)
  0: "channel1"
▼ cart: Array (2)
  0: "channel3"
  1: "channel4"
role: "admin"
password: "$2b$10$T6ZG8aGeiXaJNZKdJMF3vuvuwLPL0VLJYEK5.kWGqkrQgTB.01iFK"
```



2. Sportsflix-items:

This collection is used to store data and links for the channels

```
_id: ObjectId('6573c31eddd00ecb90e993bd')
name: "channel1"
category: "football"
description: "Relive West Ham United's second-half comeback victory against Spurs at..."
▼ price: Object
  monthly: 5
  annual: 50
▼ links: Object
  thumbnail: "https://img.youtube.com/vi/rEw8rG__Vqg/maxresdefault.jpg"
  stream: "<iframe width='560' height='315' src='https://www.youtube.com/embed/rE..."
  alt_text: "West Ham vs Manchester United"
```

SCREENSHOTS:

Login:

Login

[Register](#)

Username

We'll never share your email with anyone else.

Password

Submit

Register:

Register

Username

Password

Email

Address

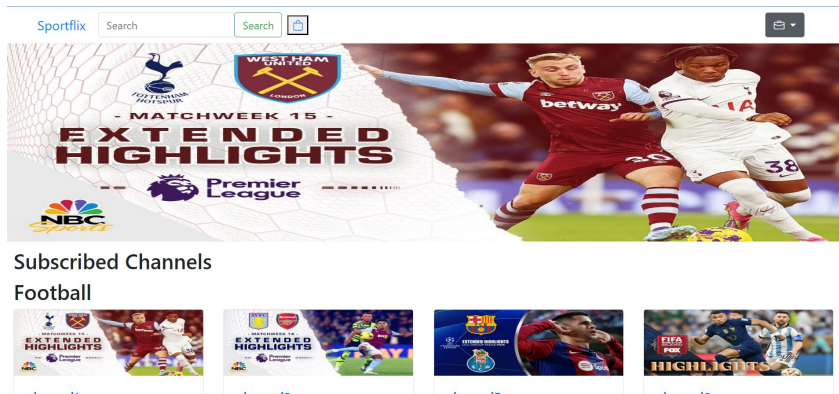
Phone

DOB

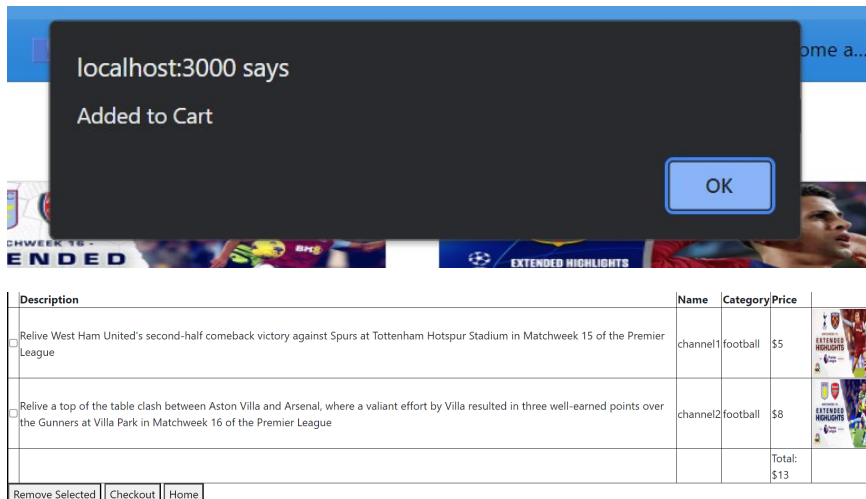


Sign in



Homepage(Users):



Added to cart:




Checkout:

Description		Name	Category	Price	
<input type="checkbox"/> Relive West Ham United's second-half comeback victory against Spurs at Tottenham Hotspur Stadium in Matchweek 15 of the Premier League	Checkout successful OK	channel1	football	\$5	
<input type="checkbox"/> Relive a top of the table clash between Aston Villa and Arsenal, where a valiant effort by Villa resulted in three well-earned points over the Gunners at Villa Park in Matchweek 16 of the Premier League		channel2	football	\$8	
				Total:	
				\$13	
Remove Selected Checkout Home					

Subscribed Channels after Checkout:


Subscribed Channels



channel1

Relive West Ham United's second-half comeback victory against Spurs at Tottenham Hotspur Stadium in Matchweek 15 of the Premier League

football



channel2

Relive a top of the table clash between Aston Villa and Arsenal, where a valiant effort by Villa resulted in three well-earned points over the Gunners at Villa Park in Matchweek 16 of the Premier League


football

Search Results:

Sportflix

Search


Search



channel1

Relive West Ham United's second-half comeback victory against Spurs at Tottenham Hotspur Stadium in Matchweek 15 of the Premier League

Add to cart



channel5

The rematch everyone has been waiting for. Level on both points

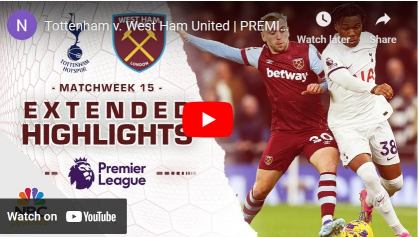
Content Page:

Sportflix

Search

Search

Tottenham v. West Ham United | PREMIER LEAGUE



Watch on YouTube


Name: channel1

Category: football

Monthly Price: 5

Annual Price: 50


Description: Relive West Ham United's second-half comeback victory against Spurs at Tottenham Hotspur Stadium in Matchweek 15 of the Premier League



channel1

Relive West Ham United's second-half comeback victory against Spurs at Tottenham Hotspur Stadium in Matchweek 15 of the Premier League

Add to cart



channel2

Relive a top of the table clash between Aston Villa and Arsenal,

Profile Page

Username
sammy

Email
samyak.rokade.o@gmail.com


Address
7575 Frankford Rd

Phone
9452490477

DOB
12/06/2023

[Edit Profile](#)
[Logout](#)

Admin Page:

Sportflix Search [Search](#) 

Admin Page

[Logout](#)



Username	Email	Phone	Address	DOB	Subscriptions
sammy	samyak.rokade.o@gmail.com	9452490477	7575 Frankford Rd	2023-12-06	Delete

Name category description monthly annual thumbnail

Name Category description monthly annual thumbnail

stream alt_text

stream alt_text [Add Item](#)

Name	Category	description	monthly	annual	thumbnail	alt_text	Delete?
channel1	football	Relive West Ham United's second-half comeback victory against Spurs at Tottenham Hotspur Stadium in Matchweek 15 of the Premier League	5	50		West Ham vs Manchester United	Delete
channel2	football	Relive a top of the table clash between Aston Villa and Arsenal, where a valiant effort by Villa resulted in three well-earned points over the Gunners at Villa Park in Matchweek 16 of the Premier League	8	80		Aston Villa vs Arsenal	Delete

VIDEO LINK: [video link](#)

TEAM MEMBERS:

Team 19:

1. Samyak Rokade – SJR220000
2. Chandranshu Malhotra – CXM200028
3. Vikas Motwani – VXM220026
4. Kevan Mehta – KAM210015
5. Swetha Argekar – SVA210001

CONTRIBUTION:

Frontend:

- User Authentication, Login page, Register page functionalities by Swetha
- Home page, Cart page functionalities and CSS by Samyak
- Search and Filter, Channel/Item page by Kevan
- Profile page, Admin page and CRUD operations by Chandranshu

Backend:

- app.js Routes and Passport by Kevan and Vikas
- Database design and Report by Vikas

These are only the tasks designated to each member. Along with these, each member of the team was actively involved at every stage and helped each other in their respective tasks.