Projektni zadatak
Web sajt – Protein Power

Predmet: Web programiranje 2

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Broj indeksa: 4/21

Sadržaj

Uvod

Korišćeni programski jezici

Jezici korišćeni prilikom kreiranja sajta su: **HTML, CSS, JavaScript, XML**

Radi lakšeg organizovanja i dizajniranja sajta korišćeni su **Bootstrap i bootstrap template** https://startbootstrap.com/theme/agency

Funkcionalnosti:

1. Dinamičko ispisivanje menija (čitanje iz JSON fajla)
2. Burger taster za ispisivanje menija za manje rezolucije
3. Dinamički ispis proizvoda (čitanje iz JSON fajla)

4. Dinamički ispis brendova (čitanje iz JSON fajla)
5. Dinamički ispis ukusa (čitanje iz JSON fajla)
6. Dinamički ispis popusta ako postoji
7. Dinamički ispis proizvoda na akciji (dodaje se ikonica u vidu bombe)
8. Dinamički ispis da li je proizvod na stanju
9. Filtriranje po pretrazi unosom korisničkog teksta
10. Filtriranje po dostupnosti artikla
11. Filtriranje po minimalnoj i maksimalnoj ceni
12. Filtriranje po kategorijama
13. Filtriranje po brendovima
14. Filtriranje po ukusima
15. Sortiranje po nazivu i ceni
16. Filtriranje i sortiranje usklađeno
17. Dinamički ispis broja artikla koji ispunjavaju zeljeni kriterijum
18. Dinamički ispis modala koji bliže opisuju proizvode
19. Dinamički ispis ukusa za određeni proizvod, ako ukusi postoje
20. Dodavanje proizvoda u korpu, ako je proizvod na stanju i ispis poruke o dodavanju
21. Dinamički ispis korpe i provera da li je korpa prazna
22. Dinamički ispis ukupnog broja proizvoda u ikonici korpe
23. Dinamičko izračunavanje ukupne cene porudžbine
24. Provera ispravnosti forme za naručivanje i ispis poruke o naručivanju
25. Omogućeno brisanje proizvoda iz korpe, kao i povećavanje i smanjivanje broja artikala u njoj
26. Provera forme za kontakt, kao i ispis o slanju poruke

Organizacija

Organizaciona šema

Napravljen je one-page sajt, u kome funkciju drugih stranica preuzimaju modali

Index.html

Mapa sajta

Sitemap:

```xml
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
    <url>
    <loc>https://ericstefan02.github.io/stefaneric.github.io/proteinpower/index.html</loc>
    <lastmod>2022-03-16</lastmod>
    <priority>1.00</priority>
    <changefreq>daily</changefreq>
    </url>
</urlset>
```
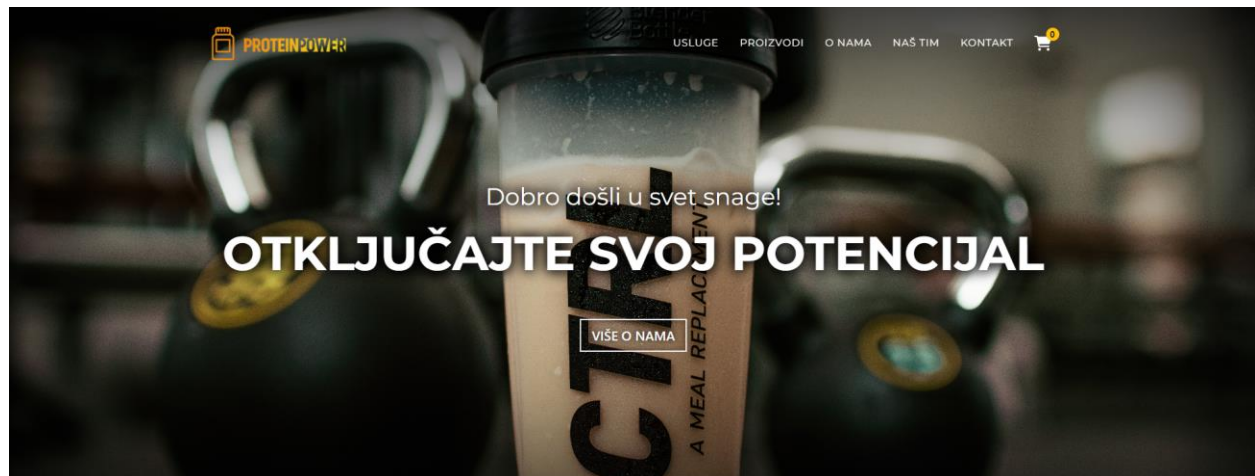
Opis funkcionalnosti

Dinamiči ispisani meni

Omogućen burger meni

PROIZVODI

Samo najbolje, od najboljih za najbolje!.

Pretraži...

Sortiraj po:

The Nutrition All in 1 GAINER(4500+500 grams FREE)

4990 RSD ~~7990 RSD~~

🟢 Proizvod je na stanju

THE NUTRITION ALL IN 1 Gainer 2000 grama/povecanje mase

3560 RSD

🟢 Proizvod je na stanju

Iso-FUJI® Yamamoto Nutrition protein 2000 grama

9390 RSD

🔴 Proizvod trenutno nije na stanju
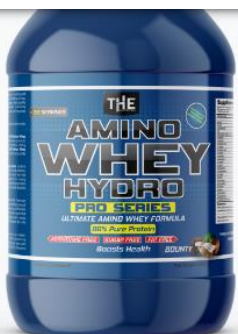
THE Amino Whey Hydro
protein 3.500 g

6790 RSD   ~~7990 RSD~~

🟢 Proizvod je na stanju

THE Amino Whey Hydro
2300 g

6790 RSD   ~~7990 RSD~~

🔴 Proizvod trenutno nije na stanju

THE Basic 100% Whey
protein 1800 grama

3990 RSD

🔴 Proizvod trenutno nije na stanju

Dinamički ispisani proizvodi i njihove funkcionalnosti

Kategorije

- [ ] Protein surutke (9)
- [ ] Kreatin (2)
- [ ] BCAA (5)
- [ ] Gainer (2)
- [ ] Vitamini (3)
- [ ] L-karnitini (3)

Brendovi

- [ ] The Nutrition (9)
- [ ] BioTech USA (5)
- [ ] Scitec Nutrition (4)
- [ ] Yamamoto Nutrition (6)

Ukusi

- [ ] Čokolada (10)
- [ ] Jagoda (9)
- [ ] Keks (9)
- [ ] Vanila (6)
- [ ] Banana (6)

Dinamički ispisani parametri za filtriranje, kao i prebrojavanje broja proizvoda koji zadovoljavaju kriterijum

Pretraži...

Sortiraj po:

Filteri:

Dostupnost:

- ○ Na lageru
- ○ Nije na lageru
- ○ Svi proizvodi

Cenovni opseg:

Min. cena:

0

Maks. cena:

99999

Filteri za pretragu, sortiranje, dostupnost artikala i filtriranje po ceni

THE NUTRITION ALL IN 1 GAINER(4500+500 GRAMS FREE)

4990 RSD   ~~7990 RSD~~

All in 1 GAINER -NOVO NA TRŽIŠTU Najbolji preparat za dobijanje misicne mase,odrzavanje kilaze,za oporavak misica.ALL IN ONE GEJNER sadrzi40% PROTEINA+KREATIN ETIL ESTER+BETA ALANIN, BCAA, glutamin, arginin.Preparat za sportiste i rekreativce

Čokolada ⌄

DODAJ U KORPU 🛒

Dinamički ispisan modal za svaki proizvod u kom su ispisani njegovi ukusi, ako postoje i **dugme za dodavanje u korpu** ako je proizvod na stanju i dugme za poruku ako proizvod nije na stanju

Ispis ako je proizvod dodat u korpu

Ispis ako to nije moguće

Izgled modala za korpu ako je ona prazna

 Računanje broja proizvoda u korpi

Izgled korpe u kojoj se nalaze artikli, gde je kod broja proizvoda moguće direktno promeniti broj artikla u korpi, a na ikonicu x moguće izbrisati proizvod iz korpe

Podaci o kupcu:

Ime i prezime kupca:

Morate uneti vaše ime i prezime u ispravnom formatu.

E-mail

Morate uneti validan e-mail.

Broj Telefona

Morate uneti broj telefona u formatu 06X XXX XXXX.

Podaci o dostavi:

Adresa dostave:

Morate uneti adresu dostave u formatu Adresa 65.

Grad

Morate uneti grad u ispravnom formatu.

Poštanski kod

Morate uneti poštanski kod u ispravnom formatu, pet cifara.

Morate izabrati proizvod.

Poruči

Provera forme za poručivanje

Podaci o kupcu:

Ime i prezime kupca:

E-mail

Broj Telefona

Podaci o dostavi:

Adresa dostave:

Grad

Poštanski kod

Uspešna porudžbina!   Poruči

Ispis i resetovanje forme nakon uspešne poružbine

Forma za kontakt, sa proverom ispravnosti parametara, gde se ispisuje poruka u slučaju uspešnog slanja

Svi filteri usklađeni

Modal o autoru

Kodovi

products.json

```
[
    {
        "id":1,
        "name":"The Nutrition All in 1 GAINER(4500+500 grams FREE)",
        "description":"All in 1 GAINER -NOVO NA TRŽIŠTU Najbolji preparat za
dobijanje misicne mase,odrzavanje kilaze,za oporavak misica.ALL IN ONE GEJNER
sadrzi40% PROTEINA+KREATIN ETIL ESTER+BETA ALANIN, BCAA, glutamin,
arginin.Preparat za sportiste i rekreativce",
        "price":{
            "oldPrice":"7990",
            "newPrice":"4990"
        },
        "categoryId":4,
        "brandId":1,
        "flavoursIds":[1, 2, 3],
```

```json
        "img":{
            "src":"assets/img/shop/theGainer1.jpg",
            "alt":"Picture of gainer"
        },
        "available":true
    },
    {
        "id":2,
        "name":"THE NUTRITION ALL IN 1 Gainer 2000 grama/povecanje mase",
        "description":"All in 1 GAINER -NOVO NA TRŽIŠTU nudi jednostavno
rješenje: sve u jednom! Više ne morate kupovati nekoliko proizvoda da poboljšate
svoje napore. ALL-IN 1 GAINER nudi sve sastojke koji su potrebni za rast mišića.
Sve u jednom, Gainer koji sadrži 60g proteina po obroku (150g)!",
        "price":{
            "oldPrice":"3560",
            "newPrice":"3560"
        },
        "categoryId":4,
        "brandId":3,
        "flavoursIds":[1, 2, 3],
        "img":{
            "src":"assets/img/shop/theGainer2.jpg",
            "alt":"Picture of gainer"
        },
        "available":true

    },
    {
        "id":3,
        "name":"Iso-FUJI® Yamamoto Nutrition protein 2000 grama",
        "description":"Iso-FUJI® - Dodatak ishrani  koji je nastao izolacijom,
odnosno unakrsnom ultrafiltracijom i mikrofiltracijom Volactive® Ultra Whey XP.
Mikrofiltracija (CMF) je najskuplji proces za izolaciju proteinskih dodataka na
bazi surutke, ali je i onaj koji najbolje štiti integritet i prisustvo
bioaktivnih proteinskih frakcija, koje odreduju kvalitet proteina.",
        "price":{
            "oldPrice":"9390",
            "newPrice":"9390"
        },
        "categoryId":1,
        "brandId":4,
        "flavoursIds":[2,4,5],
        "img":{
            "src":"assets/img/shop/yamamotoWhey1.jpg",
            "alt":"Picture of whey protein"
```

```json
        },
        "available":false

    },
    {

        "id":4,
        "name":"THE Amino Whey Hydro protein 3.500 g",
        "description":"Amino Whey Hydro protein The Nutrition. je preko 86%
Protein i sadrži gotovo ništa Masti ili Ugljenih Hidrata. Pruža sinergističku
mešavinu nakvalitetnijih izvora Proteina, koji ne samo da povećavaju sintezu
Proteina, volumen ćelija i misićni anabolizam, dok istovremeno štite zglobove i
hrskavice, već i jačaju imuni sistem i smanjuju nivo lošeg (LDL) Holesterola i
smanjuju mogućnost Srčanih Bolesti.",
        "price":{
            "oldPrice":"7990",
            "newPrice":"6790"
        },
        "categoryId":1,
        "brandId":1,
        "flavoursIds":[1,2,3,4,5],
        "img":{
            "src":"assets/img/shop/theWhey1.png",
            "alt":"Picture of whey protein"
        },
        "available":true

    },
    {

        "id":5,
        "name":"THE Amino Whey Hydro 2300 g",
        "description":"Amino Whey Hydro protein The Nutrition  povećava mišićni
rast, oporavak i opšte zdravlje svih telesnih tkiva. Suplementacija Proteinom je
sastavni deo ishrane sportista, poboljšava zdravlje i pomaže u izgradnji
mišića.",
        "price":{
            "oldPrice":"7990",
            "newPrice":"6790"
        },
        "categoryId":1,
        "brandId":1,
        "flavoursIds":[1, 2, 3, 5],
        "img":{
            "src":"assets/img/shop/theWhey2.jpg",
            "alt":"Picture of whey protein"
        },
```

```json
        "available":false

    },
    {
        "id":6,
        "name":"THE Basic 100% Whey protein 1800 grama",
        "description":"100% Whey Protein je napredna formula proteina surutke,
napravljena za sve sportaše, koji žele više mišića, više snage i brži oporavak.
Svaki obrok osigurava 22g whey proteina surutke i 5 grama aminokiselina
razgranatog lanca (BCAA), te sa 2,4 grama možda i najbitnije aminokiseline L-
leucin.",
        "price":{
            "oldPrice":"3990",
            "newPrice":"3990"
        },
        "categoryId":1,
        "brandId":1,
        "flavoursIds":[1, 2, 3,4,5],
        "img":{
            "src":"assets/img/shop/theWhey3.jpg",
            "alt":"Picture of whey protein"
        },
        "available":false

    },
    {
        "id":7,
        "name":"Iso Whey Zero 910 g",
        "description":"Iso Whey Zero je napravljen od najčistijeg
mikrofiltriranog izolata proteina surutke. Velika biološka vrednost i veoma brza
apsorpcija čine Iso Whey Zero apsolutno jedinstvenim proizvodom. Iso Whey Zero ne
sadrži zasićene masti i šećer. Nema beskorisnih, a ni skrivenih sastojaka, koji
bi mogli da se talože kao telesne masti.",
        "price":{
            "oldPrice":"9990",
            "newPrice":"9990"
        },
        "categoryId":1,
        "brandId":2,
        "flavoursIds":[1, 3],
        "img":{
            "src":"assets/img/shop/usaWhey1.jpg",
            "alt":"Picture of whey protein"
        },
        "available":true
```

```json
        },
        {
            "id":8,
            "name":"BUS 100% Pure Whey 2270 g",
            "description":"Ovaj proizvod je prijatnog ukusa i proizveden je bez
aditiva i sadrži nizak nivo ugljenih hidrata i masti što osigurava njegovu brzu
apsorpciju.",
            "price":{
                "oldPrice":"7990",
                "newPrice":"5000"
            },
            "categoryId":1,
            "brandId":3,
            "flavoursIds":[1, 3, 4],
            "img":{
                "src":"assets/img/shop/usaWhey2.jpg",
                "alt":"Picture of whey protein"
            },
            "available":true
        },
        {
            "id":9,
            "name":"Iso Whey Zero kesica 25 grama",
            "description":"Iso Whey Zero je napravljen od najčistijeg
mikrofiltriranog izolata proteina surutke. Velika biološka vrednost i veoma brza
apsorpcija čine Iso Whey Zero apsolutno jedinstvenim proizvodom. Iso Whey Zero ne
sadrži zasićene masti i šećer. Nema beskorisnih, a ni skrivenih sastojaka, koji
bi mogli da se talože kao telesne masti.",
            "price":{
                "oldPrice":"200",
                "newPrice":"200"
            },
            "categoryId":1,
            "brandId":4,
            "flavoursIds":[1, 2, 3, 4, 5],
            "img":{
                "src":"assets/img/shop/usaWhey3.jpg",
                "alt":"Picture of whey protein"
            },
            "available":true
        },
        {
            "id":10,
            "name":"100% Whey protein 1000 g",
```

```json
        "description":"100% WHEY Protein je korak ispred bivšeg proizvoda WPC.
Njegov sadržaj je unapređen dodacima ultrafrakcije iz proteina surutke i enzimski
je prečišćen. Sastav amino kiselina (značajnih za mišićna vlakna) je izuzetno
povoljan, preparat je lako svarljiv, a ukus mu je odličan zahvaljujući
kvalitetnoj tehnologiji.",
        "price":{
            "oldPrice":"5000",
            "newPrice":"4120"
        },
        "categoryId":1,
        "brandId":3,
        "flavoursIds":[1, 2, 4, 5],
        "img":{
            "src":"assets/img/shop/scWhey1.jpg",
            "alt":"Picture of whey protein"
        },
        "available":false
    },
    {
        "id":11,
        "name":"100% Whey PROFFESIONAL Protein 920 g",
        "description":"Ovaj preparat sadrži i peptide sa četiri aminokiseline
koji ublažavaju bol u mišićima nakon intenzivnog treninga. 100% Whey Protein
Professional sadrži mali procenat laktoze, a obogaćen je L-glutaminom,
najzastupljenijom aminokiselinom u mišićimaProtein iz surutke ima najbolji
aminokiselinski profil i veću koncentraciju (25%) BCAA od bilo kog drugog
proteinskog izvora.           ",
        "price":{
            "oldPrice":"4150",
            "newPrice":"4150"
        },
        "categoryId":1,
        "brandId":3,
        "flavoursIds":[1, 2, 3],
        "img":{
            "src":"assets/img/shop/scWhey2.jpg",
            "alt":"Picture of whey protein"
        },
        "available":true
    },
    {
        "id":12,
        "name":"Crea MASS 500g - YAMAMOTO NUTRITION/kreatin",
```

```json
        "description":"Dijetetski dodatak koji obezbeđuje 100% kreatin
monohidrat, preporučuje se za odrasle koji se bave intenzivnim fizičkim
vežbanjem.",
        "price":{
            "oldPrice":"4350",
            "newPrice":"4350"
        },
        "categoryId":2,
        "brandId":4,
        "flavoursIds":[],
        "img":{
            "src":"assets/img/shop/yCreatine1.jpg",
            "alt":"Picture of whey protein"
        },
        "available":true
    },
    {
        "id":13,
        "name":"KREATIN (CREATINE) THE - 300G (KREATIN MONOHIDRAT)",
        "description":"THE Kreatin povećava sintezu molekula ATP (adenozin-tri-
fosfata), koja direktno utiče na povećanje snage i izdržljivosti kod anaerobnih
aktivnosti.Kreatin monohidrat omogućava intenzivnije treninge,pa na taj naći
indirekto utiče na mišićni rast i masu.",
        "price":{
            "oldPrice":"2590",
            "newPrice":"2590"
        },
        "categoryId":2,
        "brandId":1,
        "flavoursIds":[],
        "img":{
            "src":"assets/img/shop/theCreatine1.png",
            "alt":"Picture of whey protein"
        },
        "available":true
    },
    {
        "id":14,
        "name":"Essential AminoYAMAMOTO® NUTRITION 240 kapleta",
        "description":"Yamamoto ® Nutrition Essential Amino je esencijalni
aminokiselinski dodatak pogodan za odrasle sportiste koji intenzivno treniraju.
Esencijalne aminokiseline doprinose ispunjenju zahteva proteina / azota. Pored
toga, oni uključuju i aminokiseline razgranatog lanca (BCAA) pogodne za
dopunjavanje ishrane",
        "price":{
```

```json
                "oldPrice":"3350",
                "newPrice":"3350"
            },
            "categoryId":3,
            "brandId":4,
            "flavoursIds":[],
            "img":{
                "src":"assets/img/shop/yBcaa1.jpg",
                "alt":"Picture of whey protein"
            },
            "available":true
        },
        {
            "id":15,
            "name":"BCAA 8:1:1 YAMAMOTO® 300g",
            "description":"Yamamoto® Nutrition Bcaa POWDER 8: 1: 1 je dodatak
aminokiselina razgranatog lanca u odnosu 8: 1: 1, preporučuje se
dopunjavanju  ishrane sportista.Proizvod je obogaćen vitaminom B1, koji doprinosi
normalnom energetskom metabolizmu, a vitamin B6 koji doprinosi smanjenju umora.",
            "price":{
                "oldPrice":"2950",
                "newPrice":"2950"
            },
            "categoryId":3,
            "brandId":4,
            "flavoursIds":[],
            "img":{
                "src":"assets/img/shop/yBcaa2.jpg",
                "alt":"Picture of whey protein"
            },
            "available":true
        },
        {
            "id":16,
            "name":"Mega Amino 3200 -500 tablete",
            "description":"Mega Amino 3200 su amino kiseline 100% farmaceutske
čistoće, a dobijene su iz izolata proteina surutke, izolata kalcijum kazeinata,
hidrolizovanog proteina soje i izolata proteina graška.Nakon uzimanja i
neposredno nakon apsorpcije amino kiseline dospevaju u krvotok, i pomažu u
kontuiniranom održavanju pozitivne ravnoteže nitrogena, sprečavaju proces
katabolizma, pospešuju oporavak i rast mišića. ",
            "price":{
                "oldPrice":"5000",
                "newPrice":"3560"
            },
```

```json
        "categoryId":3,
        "brandId":2,
        "flavoursIds":[],
        "img":{
            "src":"assets/img/shop/usaBcaa1.jpg",
            "alt":"Picture of whey protein"
        },
        "available":true
    },
    {
        "id":17,
        "name":"THE Beast 300g / Blue Ice",
        "description":"THE® BEAST, nova formula na bazi Citrulina (DL-Malate),
Beta-Alanina i Kofeina, osiguraće vašim mišićima više snage, bolji fokus i
zversku pumpu. Ovaj fantastičan no reaktor dolazi u novom redizajniranom
pakovanju, sa novom aromom plave maline.           ",
        "price":{
            "oldPrice":"3190",
            "newPrice":"3190"
        },
        "categoryId":3,
        "brandId":1,
        "flavoursIds":[],
        "img":{
            "src":"assets/img/shop/theBcaa1.jpg",
            "alt":"Picture of whey protein"
        },
        "available":true
    },
    {
        "id":18,
        "name":"Mega Amino 3200 -100 tableta",
        "description":"Mega Amino 3200 su amino kiseline 100% farmaceutske
čistoće, a dobijene su iz izolata proteina surutke, izolata kalcijum kazeinata,
hidrolizovanog proteina soje i izolata proteina graška.Nakon uzimanja i
neposredno nakon apsorpcije amino kiseline dospevaju u krvotok, i pomažu u
kontuiniranom održavanju pozitivne ravnoteže nitrogena, sprečavaju proces
katabolizma, pospešuju oporavak i rast mišića.              ",
        "price":{
            "oldPrice":"7990",
            "newPrice":"5000"
        },
        "categoryId":3,
        "brandId":2,
        "flavoursIds":[],
```

```json
        "img":{
            "src":"assets/img/shop/usaBcaa2.jpg",
            "alt":"Picture of whey protein"
        },
        "available":true
    },
    {
        "id":19,
        "name":"L-Carnitine Acetyl The nutrition 150 kapsula",
        "description":"THE Acetyl  L-Carnitine omogućava prenos dugo-lančanih
masnih kiselina i triglicerida u mitohondrije. Na ovaj način, povećava i ubrzava
sagorevanje masti, a sa time mišićima dovodi energiju, koja nam je potrebna za
intenzivan trening.",
        "price":{
            "oldPrice":"1950",
            "newPrice":"1950"
        },
        "categoryId":6,
        "brandId":1,
        "flavoursIds":[],
        "img":{
            "src":"assets/img/shop/thel1.jpg",
            "alt":"Picture of whey protein"
        },
        "available":false
    },
    {
        "id":20,
        "name":"L-Karnitin 1000mg 30 kapsula",
        "description":"Pretvara telesne masti u dodatnu energiju Smanjuje
stvaranje mlečne kiseline u mišićima Povećava energiju, snagu i izdržljivost
Ubrzava oporavak nakon intenzivnog treninga Poboljšava opšte zdravlje organizma",
        "price":{
            "oldPrice":"1380",
            "newPrice":"1380"
        },
        "categoryId":6,
        "brandId":2,
        "flavoursIds":[],
        "img":{
            "src":"assets/img/shop/usal1.jpg",
            "alt":"Picture of whey protein"
        },
        "available":true
    },
```

```json
    {
        "id":21,
        "name":"Thermo Drine Liquid 500 ml",
        "description":"Thermo Drine Liquid reguliše nivo šećera u krvi i ukoliko
pijete dovoljno vode uz njega – pomaže da se stomak „napuni" i takođe ima
detoksikacioni efekat. Energetske komponente ovog proizvoda će Vam dati tu
dodatnu energiju pa se nećete osećati premorenim, bezvoljnim i depresivnim u toku
Vaše dijete.         ",
        "price":{
            "oldPrice":"1700",
            "newPrice":"1700"
        },
        "categoryId":6,
        "brandId":2,
        "flavoursIds":[],
        "img":{
            "src":"assets/img/shop/usal2.jpg",
            "alt":"Picture of whey protein"
        },
        "available":true
    },
    {
        "id":22,
        "name":"Multi VITAMIN Yamamoto® Nutrition 60 tableta",
        "description":"Yamamoto® Nutrition predstavlja Multi Vitamin. Prehrambeni
dodatak koji pruža potpun spektar vitamina i minerala. Proizvod je pogodan u
slucaju smanjenog unosa iz ishrane ili povecanih zahteva za ove hranljive
materije.           ",
        "price":{
            "oldPrice":"1550",
            "newPrice":"1550"
        },
        "categoryId":5,
        "brandId":4,
        "flavoursIds":[],
        "img":{
            "src":"assets/img/shop/yv1.jpg",
            "alt":"Picture of whey protein"
        },
        "available":false
    },
    {
        "id":23,
        "name":"Vitamin C Complex +D3+Cink THE NUTRITION 120 kapsula",
```

```json
        "description":"Vitamin C complex sadrži Cink, vitamin D3 i prirodni
ekstrakt šipka. Ova jedinstvena formula postepeno oslobađa i dodaje hranljive
materije vašem organizmu. Vitamin C doprinosi održavanju normalne funkcije imunog
sistema tokom i nakon intenzivne fizičke aktivnosti. Blagotvorno dejstvo se
postiže unosom od 200mg vitamina C.          ",
        "price":{
            "oldPrice":"1420",
            "newPrice":"1420"
        },
        "categoryId":5,
        "brandId":1,
        "flavoursIds":[],
        "img":{
            "src":"assets/img/shop/thev1.jpg",
            "alt":"Picture of whey protein"
        },
        "available":true
    },
    {

        "id":24,
        "name":"Kalcijum-magnezijum 90 tableta",
        "description":"Scitec Nutrition Calcium-Magnesium predstavlja visoko
kvalitetan suplement, koji u jednoj tableti sadrži 500 mg kalcijuma i 250 mg
magnezijuma u helirajućoj formi, zahvaljujući čemu je obezbeđena optimalna
apsorpcija. Tablete su dodatno obložene i zahvaljujući tome je olakšano njihovo
gutanje.",
        "price":{
            "oldPrice":"1610",
            "newPrice":"1610"
        },
        "categoryId":5,
        "brandId":1,
        "flavoursIds":[],
        "img":{
            "src":"assets/img/shop/scv1.jpg",
            "alt":"Picture of whey protein"
        },
        "available":true
    }
]
```

kategorije.json

```json
[
    {
```

```json
        "id":1,
        "name":"Protein surutke"
    },
    {

        "id":2,
        "name":"Kreatin"
    },
    {

        "id":3,
        "name":"BCAA"
    },
    {

        "id":4,
        "name":"Gainer"
    },
    {

        "id":5,
        "name":"Vitamini"
    },
    {

        "id":6,
        "name":"L-karnitini"
    }
]
```

brendovi.json

```json
[
    {
        "id":1,
        "name":"The Nutrition"
    },
    {

        "id":2,
        "name":"BioTech USA"
    },
    {

        "id":3,
        "name":"Scitec Nutrition"
    },
    {

        "id":4,
        "name":"Yamamoto Nutrition"
    }
```

```
]
```

ukusi.json

```json
[
    {
        "id":1,
        "name":"Čokolada"
    },
    {
        "id":2,
        "name":"Jagoda"
    },
    {
        "id":3,
        "name":"Keks"
    },
    {
        "id":4,
        "name":"Vanila"
    },
    {
        "id":5,
        "name":"Banana"
    }
]
```

meni.json

```json
[
    {
        "href":"#services",
        "text":"Usluge"
    },
    {
        "href":"#shop",
        "text":"Proizvodi"
    },
    {
        "href":"#about",
        "text":"O nama"
    },
    {
        "href":"#team",
```

```
        "text":"Naš tim"
    },
    {
        "href":"#contact",
        "text":"Kontakt"
    }
]
```

index.html

```html
<!DOCTYPE html>
<html lang="sr">
  <head>
    <meta charset="utf-8" />
    <meta
      name="viewport"
      content="width=device-width, initial-scale=1, shrink-to-fit=no"
    />
    <meta name="keywords" content="protein, kreatin, suplement, misici"/>
    <meta name="description" content="Dobro došli u svet snage" />
    <meta name="author" content="Stefan Erić" />
    <title>Protein Power</title>
    <!-- Favicon-->
    <link rel="icon" type="image/x-icon" href="assets/favicon.ico" />
    <!-- Font Awesome icons (free version)-->
    <script
      src="https://use.fontawesome.com/releases/v6.1.0/js/all.js"
      crossorigin="anonymous"
    ></script>
    <!-- Google fonts-->
    <link
      href="https://fonts.googleapis.com/css?family=Montserrat:400,700"
      rel="stylesheet"
      type="text/css"
    />
    <link
      href="https://fonts.googleapis.com/css?family=Roboto+Slab:400,100,300,700"
      rel="stylesheet"
      type="text/css"
    />
    <!-- Core theme CSS and bootstrap-->
    <link href="css/styles.css" rel="stylesheet" />
    <link
      rel="stylesheet"
```

```html
      href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.3/dist/css/bootstrap.min.c
ss"
      integrity="sha384-
rbsA2VBKQhggwzxH7pPCaAqO46MgnOM80zW1RWuH61DGLwZJEdK2Kadq2F9CUG65"
      crossorigin="anonymous"
    />
    <!-- Jquery -->
    <script
      src="https://code.jquery.com/jquery-3.6.3.min.js"
      integrity="sha256-pvPw+upLPUjgMXY0G+8O0xUf+/Im1MZjXxxgOcBQBXU="
      crossorigin="anonymous"
    ></script>
  </head>

  <body id="page-top">
    <!-- Navigation-->
    <nav class="navbar navbar-expand-lg navbar-dark fixed-top" id="mainNav">
      <div class="container">
        <a class="navbar-brand" href="index.html">
          <div class="" id="logo">
            <img src="assets/img/logo.png" alt="picture of logo" />
          </div>
        </a>
        <button
          class="navbar-toggler"
          type="button"
          data-bs-toggle="collapse"
          data-bs-target="#navbarResponsive"
          aria-controls="navbarResponsive"
          aria-expanded="false"
          aria-label="Toggle navigation"
        >
          Meni
          <i class="fas fa-bars ms-1"></i>
        </button>
        <div class="collapse navbar-collapse" id="navbarResponsive"></div>
      </div>
    </nav>
    <!-- Masthead-->
    <header class="masthead">
      <div class="container">
        <div id="head-msg" class="masthead-subheading">
          Dobro došli u svet snage!
        </div>
        <div id="head-txt" class="masthead-heading text-uppercase">
```

```html
                Otključajte svoj potencijal
            </div>
            <a
                class="btn btn-lg btn-outline-light btn-xl text-uppercase rounded-0"
                href="#services"
                >Više o nama</a
            >
        </div>
    </header>
    <!-- Services-->
    <section class="page-section" id="services">
        <div class="container">
            <div class="text-center">
                <h2 class="section-heading text-uppercase">Usluge</h2>
                <h3 class="section-subheading text-muted">
                    U ponudi imamo veliki broj usluga za Vas
                </h3>
            </div>
            <div class="row text-center">
                <div class="col-md-4">
                    <span class="fa-stack fa-4x">
                        <i class="fas fa-circle fa-stack-2x text-warning"></i>
                        <i class="fas fa-shopping-cart fa-stack-1x fa-inverse"></i>
                    </span>
                    <h4 class="my-3">E-prodavnica</h4>
                    <p class="text-muted">
                        Ponosimo se sa izuzetnim asortimanom fitnes dodaka za ishrenu,
dostupni u svega par klikova.
                    </p>
                </div>
                <div class="col-md-4">
                    <span class="fa-stack fa-4x">
                        <i class="fas fa-circle fa-stack-2x text-warning"></i>
                        <i class="fas fa-laptop fa-stack-1x fa-inverse"></i>
                    </span>
                    <h4 class="my-3">Pomoć profesionalaca</h4>
                    <p class="text-muted">
                        Ukoliko je to potrebno, uvek su vam na raspolaganju naši
profesionalnci ako imate nedoumica oko suplemenata.
                    </p>
                </div>
                <div class="col-md-4">
                    <span class="fa-stack fa-4x">
                        <i class="fas fa-circle fa-stack-2x text-warning"></i>
                        <i class="fas fa-lock fa-stack-1x fa-inverse"></i>
```

```html
            </span>
            <h4 class="my-3">Sigurna kupovina</h4>
            <p class="text-muted">
                Budite uvereni da je trgovina na našoj e-prodavnici u skladu sa
najnovijim standardima sigurnosti.
            </p>
          </div>
        </div>
      </div>
    </section>
    <!-- shop Grid-->
    <section class="page-section bg-light" id="shop">
      <div class="container">
        <div class="text-center">
          <h2 class="section-heading text-uppercase">Proizvodi</h2>
          <h3 class="section-subheading text-muted">
            Samo najbolje, od najboljih za najbolje!.
          </h3>
        </div>

        <div class="row">
          <div class="col-lg-2 col-md-2 col-sm-12 container">
            <h4 class="mb-3">Filteri:</h4>
            <hr />
            <h5>Dostupnost:</h5>
            <div class="form-check">
              <input
                class="form-check-input availability"
                name="availability"
                type="radio"
                value="true"
                id="availabilityTrue"
              />
              <label class="form-check-label" for="availabilityTrue"
                >Na lageru
              </label>
            </div>
            <div class="form-check">
              <input
                class="form-check-input availability"
                name="availability"
                type="radio"
                value="false"
                id="availabilityFalse"
              />
```

```html
      <label class="form-check-label" for="availabilityFalse"
        >Nije na lageru
      </label>
    </div>
    <div class="form-check">
      <input
        class="form-check-input availability"
        name="availability"
        type="radio"
        value="all"
        id="availabilityAll"
      />
      <label class="form-check-label" for="availabilityFalse"
        >Svi proizvodi
      </label>
    </div>
    <hr />
    <div>
      <h5>Cenovni opseg:</h5>
      <div class="row justify-content-between">
        <div class="col-6">
          <p class="small mb-0">Min. cena:</p>
        </div>
        <div class="col-6">
          <p class="small mb-0">Maks. cena:</p>
        </div>
      </div>
      <div class="row justify-content-between">
        <div class="col-6">
          <input
            type="text"
            class="form-control"
            id="minPrice"
            placeholder="0"
          />
        </div>
        <div class="col-6">
          <input
            type="text"
            class="form-control"
            placeholder="99999"
            id="maxPrice"
          />
        </div>
      </div>
```

```html
        </div>
        <hr />
        <div id="filters"></div>
      </div>
      <div class="col-10 container">
        <div class="d-flex justify-content-between my-3">
          <div class="col-lg-4">
            <input
              type="text"
              class="form-control"
              id="search"
              placeholder="Pretraži..."
            />
          </div>
          <div class="col-lg-4">
            <select class="form-select" id="sort">
              <option value="0" selected>Sortiraj po:</option>
              <option value="1">Ceni rastuće</option>
              <option value="2">Ceni opadajuće</option>
              <option value="3">Imenu rastuće</option>
              <option value="4">Imenu opadajuće</option>
            </select>
          </div>
        </div>
        <div class="row" id="products"></div>
      </div>
    </div>
  </div>
</section>
<!-- About-->
<section class="page-section" id="about">
  <div class="container">
    <div class="text-center">
      <h2 class="section-heading text-uppercase">O nama</h2>
      <h3 class="section-subheading text-muted">
        Naš mali skromni istorijat
      </h3>
    </div>
    <ul class="timeline">
      <li>
        <div class="timeline-image">
          <img
            class="rounded-circle img-fluid"
            src="assets/img/about/1.jpg"
            alt="..."
```

```
          />
        </div>
        <div class="timeline-panel">
          <div class="timeline-heading">
            <h4>2009-2011</h4>
            <h4 class="subheading">Naši prvi koraci</h4>
          </div>
          <div class="timeline-body">
            <p class="text-muted">
              Sve je počelo kao težnja za internet prodavnicom sa velikim
asortimanom fitnes suplemenata po
              pristupačnim cenama. Ta težnja se pretvorila i u motivaciju da
tako nešto bude stvarnost.
            </p>
          </div>
        </div>
      </li>
      <li class="timeline-inverted">
        <div class="timeline-image">
          <img
            class="rounded-circle img-fluid"
            src="assets/img/about/2.jpg"
            alt="..."
          />
        </div>
        <div class="timeline-panel">
          <div class="timeline-heading">
            <h4>2018</h4>
            <h4 class="subheading">ProteinPower rođenje</h4>
          </div>
          <div class="timeline-body">
            <p class="text-muted">
              Posle marljive potrage za partnerima i osnivanjem naše
kompanije, rođen je PROTEINPOWER!
            </p>
          </div>
        </div>
      </li>
      <li>
        <div class="timeline-image">
          <img
            class="rounded-circle img-fluid"
            src="assets/img/about/3.jpg"
            alt="..."
          />
```

```html
            </div>
            <div class="timeline-panel">
              <div class="timeline-heading">
                <h4>Avgust 2020</h4>
                <h4 class="subheading">Faza dva: proširivanje</h4>
              </div>
              <div class="timeline-body">
                <p class="text-muted">
                  Povećavanjem našeg tržišta paralelno smo povećavali i naš
asortiman, te se sada možemo ponositi sa
                  jednom od najveće i najraznovrsnije ponuda raznih fitnes
dodataka ishrani.
                  Naravno ništa od ovog ne bi bilo moguće bez naših zaposlenih,
koji u realost sprovode visoke standarde
                  koje
                  držimo.
                </p>
              </div>
            </div>
          </li>
          <li class="timeline-inverted">
            <div class="timeline-image">
              <h4>
                Postani
                <br />
                i TI deo
                <br />
                naše priče
              </h4>
            </div>
          </li>
        </ul>
      </div>
    </section>
    <!-- Team-->
    <section class="page-section bg-light" id="team">
      <div class="container">
        <div class="text-center">
          <h2 class="section-heading text-uppercase">Upoznajte naš tim</h2>
          <h3 class="section-subheading text-muted">
            Upoznajte izvore naše snage.
          </h3>
        </div>
        <div class="row">
          <div class="col-lg-4">
```

```
<div class="team-member">
  <img
    class="mx-auto rounded-circle"
    src="assets/img/team/1.jpg"
    alt="..."
  />
  <h4>Marko Marinković</h4>
  <p class="text-muted">CEO</p>
  <a
    class="btn btn-dark btn-social mx-2"
    href="#!"
    aria-label="Parveen Anand Twitter Profile"
    ><i class="fab fa-twitter"></i
  ></a>
  <a
    class="btn btn-dark btn-social mx-2"
    href="#!"
    aria-label="Parveen Anand Facebook Profile"
    ><i class="fab fa-facebook-f"></i
  ></a>
  <a
    class="btn btn-dark btn-social mx-2"
    href="#!"
    aria-label="Parveen Anand LinkedIn Profile"
    ><i class="fab fa-linkedin-in"></i
  ></a>
</div>
</div>
<div class="col-lg-4">
  <div class="team-member">
    <img
      class="mx-auto rounded-circle"
      src="assets/img/team/2.jpg"
      alt="..."
    />
    <h4>Tamara Milutinović</h4>
    <p class="text-muted">Glavni nutricionista</p>
    <a
      class="btn btn-dark btn-social mx-2"
      href="#!"
      aria-label="Diana Petersen Twitter Profile"
      ><i class="fab fa-twitter"></i
    ></a>
    <a
      class="btn btn-dark btn-social mx-2"
```

```html
              href="#!"
              aria-label="Diana Petersen Facebook Profile"
              ><i class="fab fa-facebook-f"></i
            ></a>
            <a
              class="btn btn-dark btn-social mx-2"
              href="#!"
              aria-label="Diana Petersen LinkedIn Profile"
              ><i class="fab fa-linkedin-in"></i
            ></a>
          </div>
        </div>
        <div class="col-lg-4">
          <div class="team-member">
            <img
              class="mx-auto rounded-circle"
              src="assets/img/team/3.jpg"
              alt="..."
            />
            <h4>Ivan Mitrović</h4>
            <p class="text-muted">IFBB PRO licencirani trener</p>
            <a
              class="btn btn-dark btn-social mx-2"
              href="#!"
              aria-label="Larry Parker Twitter Profile"
              ><i class="fab fa-twitter"></i
            ></a>
            <a
              class="btn btn-dark btn-social mx-2"
              href="#!"
              aria-label="Larry Parker Facebook Profile"
              ><i class="fab fa-facebook-f"></i
            ></a>
            <a
              class="btn btn-dark btn-social mx-2"
              href="#!"
              aria-label="Larry Parker LinkedIn Profile"
              ><i class="fab fa-linkedin-in"></i
            ></a>
          </div>
        </div>
      </div>
    </div>
  </section>
  <!-- Contact-->
```

```html
<section class="page-section" id="contact">
  <div class="container">
    <div class="text-center">
      <h2 class="section-heading text-uppercase">Kontaktirajte nas</h2>
      <h3 class="section-subheading text-muted">
        Za vas uvek dostupni od 08-20 časova.
      </h3>
    </div>
    <!-- * * * * * * * * * * * * * * * *-->
    <!-- * * SB Forms Contact Form * *-->
    <!-- * * * * * * * * * * * * * * * *-->
    <!-- This form is pre-integrated with SB Forms.-->
    <!-- To make this form functional, sign up at-->
    <!-- https://startbootstrap.com/solution/contact-forms-->
    <!-- to get an API token!-->
    <form id="contactForm">
      <div class="row align-items-stretch mb-5">
        <div class="col-md-6">
          <div class="form-group">
            <!-- Name input-->
            <input
              class="form-control"
              id="name"
              type="text"
              placeholder="Vaše ime i prezime *"
            />
            <div class="invalid-feedback" id="invalidName">
              Morate uneti vaše ime i prezime, u ispravnom formatu.
            </div>
          </div>
          <div class="form-group">
            <!-- Email address input-->
            <input
              class="form-control"
              id="email"
              type="email"
              placeholder="Vaš e-mail *"
            />
            <div class="invalid-feedback" id="invalidEmail">
              Morate uneti validan e-mail.
            </div>
            <div class="invalid-feedback">E-mail nepravilan.</div>
          </div>
          <div class="form-group mb-md-0">
            <!-- Phone number input-->
```

```html
              <input
                class="form-control"
                id="phone"
                type="tel"
                placeholder="Vaš broj telefona *"
              />
              <div class="invalid-feedback" id="invalidPhone">
                Morate uneti broj telefona u formatu 06X XXX XXXX.
              </div>
            </div>
          </div>
          <div class="col-md-6">
            <div class="form-group form-group-textarea mb-md-0">
              <!-- Message input-->
              <textarea
                class="form-control"
                id="message"
                placeholder="Poruka: *"
              ></textarea>
              <div class="invalid-feedback" id="invalidMessage">
                Morate uneti poruku.
              </div>
            </div>
          </div>
        </div>
        <!-- Submit Button-->
        <div class="text-center">
          <button
            class="btn btn-warning btn-xl text-uppercase"
            id="submitButton"
          >
          Pošalji
          </button>
          <div class="valid-feedback fs-2" id="messageSent">
            <p>Uspešno slanje poruke</p>
          </div>
        </div>
      </form>
    </div>
  </section>

  <!-- CART MODAL -->
  <div
    class="shop-modal modal fade"
    id="cartModal"
```

```
        tabindex="-1"
        role="dialog"
        aria-hidden="true"
    >
        <div class="modal-dialog modal-xl modal-fullscreen-md-down">
            <div class="modal-content bg-light text-start">
                <div class="w-100 text-center">
                    <h2 class="mb-4 text-uppercase">Korpa</h2>
                </div>
                <div class="close-modal position-absolute" data-bs-dismiss="modal">
                    <i class="fa-solid fa-xl fa-x"></i>
                </div>


                <div class="row justify-content-evenly px-3 px-sm-0">
                    <div
                        class="col-sm-12 col-md-7 mb-4 mb-md-0 rounded-3 p-4 content-bg"
                    >
                        <h3 class="mb-0">Proizvodi u korpi:</h3>
                        <hr class="w-50 mt-2" />
                        <div id="itemsInCart">

                        </div>

                    </div>

                    <div
                        class="col-sm-12 col-md-4 mb-4 mb-md-0 rounded-3 p-4 content-bg"
                    >
                        <div id="cartPrice" class="text-center">
                            <h3 class="mb-2">Ukupna cena:</h3>
                            <p class="h5 fw-bold" id="priceSum">0 RSD</p>
                            <hr class="w-100 mt-3 mb-3" />
                        </div>
                        <div>
                            <h5 class="mb-2 text-center">Podaci o kupcu:</h5>
                            <p class="small">Ime i prezime kupca:</p>
                            <input
                                type="text"
                                name="customerName"
                                id="customerName"
                                class="form-control form-control-sm"
                            />
                            <div class="invalid-feedback" id="invalidCustomerName">
                                Morate uneti vaše ime i prezime u ispravnom formatu.
                            </div>
```

```html
          <p class="small">E-mail</p>
          <input
            type="email"
            name="customerEmail"
            id="customerEmail"
            class="form-control form-control-sm"
          />
          <div class="invalid-feedback" id="invalidCustomerEmail">
            Morate uneti validan e-mail.
            </div>
          <p class="small">Broj Telefona</p>
          <input
            type="tel"
            name="customerPhone"
            id="customerPhone"
            class="form-control form-control-sm"
          />
          <div class="invalid-feedback" id="invalidCustomerPhone">
            Morate uneti broj telefona u formatu 06X XXX XXXX.
            </div>
          <hr />
        </div>
        <div>
          <h5 class="mb-2 text-center">Podaci o dostavi:</h5>
          <p class="small">Adresa dostave:</p>
          <input
            type="text"
            name="customerAdress"
            id="customerAdress"
            class="form-control form-control-sm"
          />
          <div class="invalid-feedback" id="invalidCustomerAdress">
            Morate uneti adresu dostave u formatu Adresa 65.
            </div>
          <p class="small">Grad</p>
          <input
            type="text"
            name="customerCity"
            id="customerCity"
            class="form-control form-control-sm"
          />
          <div class="invalid-feedback" id="invalidCustomerCity">
            Morate uneti grad u ispravnom formatu.
            </div>
          <p class="small">Poštanski kod</p>
```

```html
            <input
              type="text"
              name="customerPostalCode"
              id="customerPostalCode"
              class="form-control form-control-sm"
            />
            <div class="invalid-feedback" id="invalidCustomerPostalCode">
              Morate uneti poštanski kod u ispravnom formatu, pet cifara.
            </div>
            <hr />
          </div>
          <div>
            <button class="btn btn-lg btn-warning float-end"
id="submitCustomer">
              Poruči
            </button>
            <div class="invalid-feedback" id="invalidProductNumber">
              Morate izabrati proizvod.
            </div>
            <div class="valid-feedback fs-2" id="shopingGood">
                <p>Uspešna porudžbina!</p>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>
  <div class="shop-modal modal fade" id="authorModal" tabindex="-1"
role="dialog" aria-hidden="true">
    <div class="modal-dialog modal-lg">
      <div class="modal-content">
        <div class="close-modal position-absolute" data-bs-dismiss="modal">
          <i class="fa-solid fa-x"></i>
        </div>
        <div class="d-flex flex-wrap">
          <div class="col-lg-6 col-sm-12">
            <img class="img-fluid" src="assets/img/author.jpeg" alt="picture of
author">
          </div>
          <div class="col-lg-6 col-sm-12">
            <p class="fs-4"><span class="authorText">Ime: </span>Stefan
Eric</p>
            <p class="fs-4"><span class="authorText">Broj indeksa:
</span>4/21</p>
```

```html
          <p class="fs-4"><span class="authorText">Biografija: </span>Zdravo,
završio sam Elektrotehničku školu "Nikola Tesla" Beogradu i posle toga upisao
Visoku ICT školu. Trenutna želja mi je da naučim što više kako bih bio što
uspešniji u svetu web programiranja.</p>
          <a class="btn btn-warning"
href="https://ericstefan02.github.io/stefaneric.github.io/portfolio/"
role="button">Više o meni</a>
        </div>
      </div>
    </div>
  </div>
  <!-- Footer-->
  <footer class="footer py-4">
    <div class="container">
      <div class="row align-items-center">
        <div class="col-lg-4 text-lg-start">
          Copyright &copy; Your Website 2022
        </div>
        <div class="col-lg-4 my-3 my-lg-0">
          <a
            class="btn btn-dark btn-social mx-2"
            href="#!"
            aria-label="Twitter"
            ><i class="fab fa-twitter"></i
          ></a>
          <a
            class="btn btn-dark btn-social mx-2"
            href="#!"
            aria-label="Facebook"
            ><i class="fab fa-facebook-f"></i
          ></a>
          <a
            class="btn btn-dark btn-social mx-2"
            href="#!"
            aria-label="LinkedIn"
            ><i class="fab fa-linkedin-in"></i
          ></a>
        </div>
        <div class="col-lg-4 text-lg-end">
          <a class="link-dark text-decoration-none me-3" href="#!"
            >Privacy Policy</a
          >
          <a class="link-dark text-decoration-none" href="#!">Terms of Use</a>
```

```html
            <a class="link-dark text-decoration-none mx-3" data-bs-toggle="modal"
id="authorButton" href = "#authorModal">Autor</a>
            <a class="link-dark text-decoration-none"
href="Dokumentacija.pdf">Dokumentacija</a>


         </div>
       </div>
     </div>
   </footer>


   <!-- shop item 1 modal popup-->
   <div id="modals"></div>


   <!-- Bootstrap core JS-->
   <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js
"></script>
   <!-- Core theme JS-->
   <script src="js/scripts.js"></script>
   <script src="js/main.js"></script>
  </body>
</html>
```

style.css

```css
html {
  scroll-padding-top: 4.5rem;
}

body {
  position: relative;
  overflow-x: hidden;
}

p {
  line-height: 1.75;
}

.page-section {
  padding: 6rem 0;
}
.page-section h2.section-heading, .page-section .section-heading.h2 {
  font-size: 2.5rem;
  margin-top: 0;
```

```css
    margin-bottom: 1rem;
}
.page-section h3.section-subheading, .page-section .section-subheading.h3 {
    font-size: 1rem;
    font-weight: 400;
    font-style: italic;
    font-family: "Roboto Slab", -apple-system, BlinkMacSystemFont, "Segoe UI",
Roboto, "Helvetica Neue", Arial, sans-serif, "Apple Color Emoji", "Segoe UI
Emoji", "Segoe UI Symbol", "Noto Color Emoji";
    margin-bottom: 4rem;
}

@media (min-width: 768px) {
    section {
        padding: 9rem 0;
    }
}
.btn-xl {
    padding: 1.25rem 2.5rem;
    font-family: "Montserrat", -apple-system, BlinkMacSystemFont, "Segoe UI",
Roboto, "Helvetica Neue", Arial, sans-serif, "Apple Color Emoji", "Segoe UI
Emoji", "Segoe UI Symbol", "Noto Color Emoji";
    font-size: 1.125rem;
    font-weight: 700;
}

.btn-social {
    height: 2.5rem;
    width: 2.5rem;
    display: inline-flex;
    align-items: center;
    justify-content: center;
    padding: 0;
    border-radius: 100%;
}

#mainNav {
    padding-top: 1rem;
    padding-bottom: 1rem;
    background-color: #0e141a;

}
#mainNav .navbar-toggler {
    padding: 0.75rem;
    font-size: 0.75rem;
```

```css
  font-family: "Montserrat", -apple-system, BlinkMacSystemFont, "Segoe UI",
Roboto, "Helvetica Neue", Arial, sans-serif, "Apple Color Emoji", "Segoe UI
Emoji", "Segoe UI Symbol", "Noto Color Emoji";
  text-transform: uppercase;
  font-weight: 700;
}
#mainNav .navbar-brand {
  color: #ffc800;
  font-family: "Montserrat", -apple-system, BlinkMacSystemFont, "Segoe UI",
Roboto, "Helvetica Neue", Arial, sans-serif, "Apple Color Emoji", "Segoe UI
Emoji", "Segoe UI Symbol", "Noto Color Emoji";
  font-weight: 700;
  letter-spacing: 0.0625em;
  text-transform: uppercase;
}
#mainNav .navbar-brand img {
  height: 1.5rem;
}
#mainNav .navbar-nav .nav-item .nav-link {
  font-family: "Montserrat", -apple-system, BlinkMacSystemFont, "Segoe UI",
Roboto, "Helvetica Neue", Arial, sans-serif, "Apple Color Emoji", "Segoe UI
Emoji", "Segoe UI Symbol", "Noto Color Emoji";
  font-size: 0.95rem;
  color: #fff;
  letter-spacing: 0.0625em;
}
#mainNav .navbar-nav .nav-item .nav-link.active, #mainNav .navbar-nav .nav-item
.nav-link:hover {
  color: #ffc800;
}

@media (min-width: 992px) {
  #mainNav {
    padding-top: 1.5rem;
    padding-bottom: 1.5rem;
    border: none;
    background-color: transparent;
    transition: padding-top 0.3s ease-in-out, padding-bottom 0.3s ease-in-out;
  }
  #mainNav .navbar-brand {
    font-size: 1.5em;
    transition: font-size 0.3s ease-in-out;
  }
  #mainNav .navbar-brand img {
    height: 2rem;
```

```css
    transition: height 0.3s ease-in-out;
  }
  #mainNav.navbar-shrink {
    padding-top: 1rem;
    padding-bottom: 1rem;
    background-color: #080e14;
    box-shadow: 0 0 10px 0 #000;
  }
  #mainNav.navbar-shrink .navbar-brand {
    font-size: 1.25em;
  }
  #mainNav.navbar-shrink .navbar-brand svg,
#mainNav.navbar-shrink .navbar-brand img {
    height: 1.5rem;
  }
  #mainNav .navbar-nav .nav-item {
    margin-right: 1rem;
  }
  #mainNav .navbar-nav .nav-item:last-child {
    margin-right: 0;
  }
}
header.masthead {
  padding-top: 10.5rem;
  padding-bottom: 6rem;
  text-align: center;
  color: #fff;
  /* background-image: url("../assets/img/header-bg.jpg"); */
  box-shadow: inset 0 3em 20em 2em #000;
  background-image: url("../assets/img/image1.jpg");

  background-repeat: no-repeat;
  background-attachment: scroll;
  background-position: center center;
  background-size: cover;
}
#head-msg{
  text-shadow:0px 0px 20px #000,0px 0px 20px #000,0px 0px 20px #000;
}
#head-txt{
  text-shadow:0px 0px 20px #000,0px 0px 20px #000;
}
header.masthead .masthead-subheading {
  font-size: 1.5rem;
  /* font-style: italic; */
```

```css
    line-height: 1.5rem;
    margin-bottom: 25px;


    font-family: "Montserrat", -apple-system, BlinkMacSystemFont, "Segoe UI",
Roboto, "Helvetica Neue", Arial, sans-serif, "Apple Color Emoji", "Segoe UI
Emoji", "Segoe UI Symbol", "Noto Color Emoji";

    /* font-family: "Roboto Slab", -apple-system, BlinkMacSystemFont, "Segoe UI",
Roboto, "Helvetica Neue", Arial, sans-serif, "Apple Color Emoji", "Segoe UI
Emoji", "Segoe UI Symbol", "Noto Color Emoji"; */
}
header.masthead .masthead-heading {
    font-size: 3.25rem;
    font-weight: 700;
    line-height: 3.25rem;
    margin-bottom: 2rem;
    font-family: "Montserrat", -apple-system, BlinkMacSystemFont, "Segoe UI",
Roboto, "Helvetica Neue", Arial, sans-serif, "Apple Color Emoji", "Segoe UI
Emoji", "Segoe UI Symbol", "Noto Color Emoji";
}

header.masthead .container .btn {
    box-shadow: 0 0 20px 0 rgba(0,0,0,0.5);
    box-shadow: inset 0 0 10px 0 rgba(0,0,0,0.4);
    text-shadow: 0 0 10px #000;
    font-weight: 600;
    border-width: 2px;
}

@media (min-width: 768px) {
    header.masthead {
        padding-top: 17rem;
        padding-bottom: 12.5rem;
    }
    header.masthead .masthead-subheading {
        font-size: 2.25rem;
        /* font-style: italic; */
        line-height: 2.25rem;
        margin-bottom: 2rem;
    }
    header.masthead .masthead-heading {
        font-size: 4.5rem;
        font-weight: 700;
        line-height: 4.5rem;
```

```css
    margin-bottom: 4rem;
  }
}
#shop .shop-item {
  max-width: 26rem;
  margin-left: auto;
  margin-right: auto;
}
#shop .shop-item .shop-link {
  position: relative;
  display: block;
  margin: 0 auto;
}
#shop .shop-item .shop-link .shop-hover {
  display: flex;
  position: absolute;
  width: 100%;
  height: 100%;
  background: rgba(255, 200, 0, 0.9);
  align-items: center;
  justify-content: center;
  opacity: 0;
  transition: opacity ease-in-out 0.25s;
}
#shop .shop-item .shop-link .shop-hover .shop-hover-content {
  font-size: 1.25rem;
  color: white;
}
#shop .shop-item .shop-link:hover .shop-hover {
  opacity: 1;
}
#shop .shop-item .shop-caption {
  padding: 1.5rem;
  text-align: center;
  background-color: #fff;
}
#shop .shop-item .shop-caption .shop-caption-heading {
  font-size: 1.5rem;
  font-family: "Montserrat", -apple-system, BlinkMacSystemFont, "Segoe UI",
Roboto, "Helvetica Neue", Arial, sans-serif, "Apple Color Emoji", "Segoe UI
Emoji", "Segoe UI Symbol", "Noto Color Emoji";
  font-weight: 500;
  margin-bottom: 0;
}
#shop .shop-item .shop-caption .shop-caption-subheading {
```

```css
    font-weight:500;
}
#bombIco{
    color: #000;
    margin-top: 5%;
    margin-left: -18% !important;
    z-index: 0.5;
}
.shop-modal .modal-content {
    padding-top: 2rem;
    padding-bottom: 1rem;
    text-align: center;
}
.shop-modal .modal-content h2, .shop-modal .modal-content .h2 {
    font-size: 2.2rem;
    font-weight:400;
    line-height: 3rem;
}
.shop-modal .modal-content p.item-intro {
    margin-bottom: 1rem;
    font-weight: 600;
}
.shop-modal .modal-content p {
    margin-bottom: 2rem;
}
.shop-modal .modal-content ul.list-inline {
    margin-bottom: 2rem;
}
.shop-modal .modal-content img {
    margin-bottom: 2rem;
}
.shop-modal .close-modal {
    position: absolute;
    right: 15px;
    top: 10px;
    cursor: pointer;
    background-color: transparent;
}
.shop-modal .close-modal:hover {
    opacity: 0.3;

}

.timeline {
    position: relative;
```

```css
  padding: 0;
  list-style: none;
}
.timeline:before {
  position: absolute;
  top: 0;
  bottom: 0;
  left: 40px;
  width: 2px;
  margin-left: -1.5px;
  content: "";
  background-color: #e9ecef;
}
.timeline > li {
  position: relative;
  min-height: 50px;
  margin-bottom: 50px;
}
.timeline > li:after, .timeline > li:before {
  display: table;
  content: " ";
}
.timeline > li:after {
  clear: both;
}
.timeline > li .timeline-panel {
  position: relative;
  float: right;
  width: 100%;
  padding: 0 20px 0 100px;
  text-align: left;
}
.timeline > li .timeline-panel:before {
  right: auto;
  left: -15px;
  border-right-width: 15px;
  border-left-width: 0;
}
.timeline > li .timeline-panel:after {
  right: auto;
  left: -14px;
  border-right-width: 14px;
  border-left-width: 0;
}
.timeline > li .timeline-image {
```

```css
  position: absolute;
  z-index: 100;
  left: 0;
  width: 80px;
  height: 80px;
  margin-left: 0;
  text-align: center;
  color: white;
  border: 7px solid #e9ecef;
  border-radius: 100%;
  background-color: #ffc800;
}
.timeline > li .timeline-image h4, .timeline > li .timeline-image .h4 {
  font-size: 10px;
  line-height: 14px;
  margin-top: 12px;
}
.timeline > li.timeline-inverted > .timeline-panel {
  float: right;
  padding: 0 20px 0 100px;
  text-align: left;
}
.timeline > li.timeline-inverted > .timeline-panel:before {
  right: auto;
  left: -15px;
  border-right-width: 15px;
  border-left-width: 0;
}
.timeline > li.timeline-inverted > .timeline-panel:after {
  right: auto;
  left: -14px;
  border-right-width: 14px;
  border-left-width: 0;
}
.timeline > li:last-child {
  margin-bottom: 0;
}
.timeline .timeline-heading h4, .timeline .timeline-heading .h4 {
  margin-top: 0;
  color: inherit;
}
.timeline .timeline-heading h4.subheading, .timeline .timeline-heading
.subheading.h4 {
  text-transform: none;
}
```

```css
.timeline .timeline-body > ul,
.timeline .timeline-body > p {
  margin-bottom: 0;
}

@media (min-width: 768px) {
  .timeline:before {
    left: 50%;
  }
  .timeline > li {
    min-height: 100px;
    margin-bottom: 100px;
  }
  .timeline > li .timeline-panel {
    float: left;
    width: 41%;
    padding: 0 20px 20px 30px;
    text-align: right;
  }
  .timeline > li .timeline-image {
    left: 50%;
    width: 100px;
    height: 100px;
    margin-left: -50px;
  }
  .timeline > li .timeline-image h4, .timeline > li .timeline-image .h4 {
    font-size: 13px;
    line-height: 18px;
    margin-top: 16px;
  }
  .timeline > li.timeline-inverted > .timeline-panel {
    float: right;
    padding: 0 30px 20px 20px;
    text-align: left;
  }
}
@media (min-width: 992px) {
  .timeline > li {
    min-height: 150px;
  }
  .timeline > li .timeline-panel {
    padding: 0 20px 20px;
  }
  .timeline > li .timeline-image {
    width: 150px;
```

```css
    height: 150px;
    margin-left: -75px;
  }
  .timeline > li .timeline-image h4, .timeline > li .timeline-image .h4 {
    font-size: 18px;
    line-height: 26px;
    margin-top: 30px;
  }
  .timeline > li.timeline-inverted > .timeline-panel {
    padding: 0 20px 20px;
  }
}
@media (min-width: 1200px) {
  .timeline > li {
    min-height: 170px;
  }
  .timeline > li .timeline-panel {
    padding: 0 20px 20px 100px;
  }
  .timeline > li .timeline-image {
    width: 170px;
    height: 170px;
    margin-left: -85px;
  }
  .timeline > li .timeline-image h4, .timeline > li .timeline-image .h4 {
    margin-top: 40px;
  }
  .timeline > li.timeline-inverted > .timeline-panel {
    padding: 0 100px 20px 20px;
  }
}
.team-member {
  margin-bottom: 3rem;
  text-align: center;
}
.team-member img {
  width: 14rem;
  height: 14rem;
  border: 0.5rem solid rgba(0, 0, 0, 0.1);
}
.team-member h4, .team-member .h4 {
  margin-top: 1.5rem;
  margin-bottom: 0;
}
```

```css
.img-brand {
  height: 2.75rem;
}

section#contact {
  background-color: #212529;
  background-image: url("../assets/img/map-image.png");
  background-repeat: no-repeat;
  background-position: center;
}
section#contact .section-heading {
  color: #fff;
}
section#contact form#contactForm .form-group {
  margin-bottom: 1.5rem;
}
section#contact form#contactForm .form-group input,
section#contact form#contactForm .form-group textarea {
  padding: 1.25rem;
}
section#contact form#contactForm .form-group input.form-control {
  height: auto;
}
section#contact form#contactForm .form-group-textarea {
  height: 100%;
}
section#contact form#contactForm .form-group-textarea textarea {
  height: 100%;
  min-height: 10rem;
}
section#contact form#contactForm p.help-block {
  margin: 0;
}
section#contact form#contactForm .form-control:focus {
  border-color: #ffc800;
  box-shadow: none;
}
section#contact form#contactForm ::-webkit-input-placeholder {
  font-family: "Montserrat", -apple-system, BlinkMacSystemFont, "Segoe UI",
Roboto, "Helvetica Neue", Arial, sans-serif, "Apple Color Emoji", "Segoe UI
Emoji", "Segoe UI Symbol", "Noto Color Emoji";
  font-weight: 700;
  color: #ced4da;
}
section#contact form#contactForm :-moz-placeholder {
```

```css
  font-family: "Montserrat", -apple-system, BlinkMacSystemFont, "Segoe UI",
Roboto, "Helvetica Neue", Arial, sans-serif, "Apple Color Emoji", "Segoe UI
Emoji", "Segoe UI Symbol", "Noto Color Emoji";
  font-weight: 700;
  color: #ced4da;
}
section#contact form#contactForm ::-moz-placeholder {
  font-family: "Montserrat", -apple-system, BlinkMacSystemFont, "Segoe UI",
Roboto, "Helvetica Neue", Arial, sans-serif, "Apple Color Emoji", "Segoe UI
Emoji", "Segoe UI Symbol", "Noto Color Emoji";
  font-weight: 700;
  color: #ced4da;
}
section#contact form#contactForm :-ms-input-placeholder {
  font-family: "Montserrat", -apple-system, BlinkMacSystemFont, "Segoe UI",
Roboto, "Helvetica Neue", Arial, sans-serif, "Apple Color Emoji", "Segoe UI
Emoji", "Segoe UI Symbol", "Noto Color Emoji";
  font-weight: 700;
  color: #ced4da;
}

.footer {
  text-align: center;
  font-size: 0.9rem;
  font-family: "Montserrat", -apple-system, BlinkMacSystemFont, "Segoe UI",
Roboto, "Helvetica Neue", Arial, sans-serif, "Apple Color Emoji", "Segoe UI
Emoji", "Segoe UI Symbol", "Noto Color Emoji";
}


/*  moj css kod  */
#logo{
  width:220px;
}
#logo img {
  display: block;
  width: 100%;
  height: auto !important;
}


#cart-num-items {
  width:20px;
  height:20px;
  margin-left: -16px;
```

```css
    margin-top:-4px;

}
@media (max-width: 991px) {

  #cart-num-items {
    margin-left: -7px;
    margin-top: -3px;

  }
}
#cart-num-items span{
margin-top: -1px;
margin-left: -1px;
  font-size: small;
  font-weight: bold;
  letter-spacing: -1px;
}
.shop-modal button:hover{
  color: #fff !important;
  background-color: #000 !important;
}
.state{
  height: 20px;
  width: 20px;
  margin-top: 5px;
}
#filters h5{
  margin-bottom: 1rem;
}
.form-range{
  margin-bottom: 3rem;
}




/* CART */

.content-bg{
  /* background-color: #ddd !important; */
  background-color: white;
}
```

```css
#cartModal{
  font-family: "Montserrat", -apple-system, BlinkMacSystemFont, "Segoe UI",
Roboto, "Helvetica Neue", Arial, sans-serif, "Apple Color Emoji", "Segoe UI
Emoji", "Segoe UI Symbol", "Noto Color Emoji";

}
.cart-item{
  box-shadow: 0 0 5px 0 rgba(0,0,0,0.05) inset;
}
#cartModal p,.cart-item img{
  margin-bottom: 0 !important;
}

.cart-item input.form-control{
  width: 40%;
}


.modal-xl{
  --bs-modal-width:80vw !important;
}
#messageAlert{
  z-index: 1000;
}
.productMessage{
  display: none;
}
.authorText{
  font-weight: 500;
}
```

script.js

Ovaj fajl je ceo preuzet iz template-a

```js
window.addEventListener('DOMContentLoaded', event => {
    // Navbar shrink function
    var navbarShrink = function () {
        const navbarCollapsible = document.body.querySelector('#mainNav');
        if (!navbarCollapsible) {
            return;
        }
        if (window.scrollY === 0) {
```

```
                navbarCollapsible.classList.remove('navbar-shrink')
        } else {
                navbarCollapsible.classList.add('navbar-shrink')
        }

    };

    // Shrink the navbar
    navbarShrink();

    // Shrink the navbar when page is scrolled
    document.addEventListener('scroll', navbarShrink);

    // Activate Bootstrap scrollspy on the main nav element
    const mainNav = document.body.querySelector('#mainNav');
    if (mainNav) {

        new bootstrap.ScrollSpy(document.body, {
            target: '#mainNav',
        });
    };

    // Collapse responsive navbar when toggler is visible
    const navbarToggler = document.body.querySelector('.navbar-toggler');
    const responsiveNavItems = [].slice.call(
        document.querySelectorAll('#navbarResponsive .nav-link')
    );
    responsiveNavItems.map(function (responsiveNavItem) {
        responsiveNavItem.addEventListener('click', () => {
            if (window.getComputedStyle(navbarToggler).display !== 'none') {
                navbarToggler.click();
            }
        });
    });

});
```

main.js

U komentarima su blize opisane sve funkcije

```
//funckija koja radi sa json podacima koje dohvata ajaxom
function getData(fileName, operation) {
  $.ajax({
```

```
      url: "assets/data/" + fileName + ".json",
      method: "get",
      dataType: "json",
      success: function (data) {
        localStorage.setItem(fileName, JSON.stringify(data));
        operation(data, fileName);
      },
      error: function (xhr, status, error) {
        console.log(error);
      },
  });
}
//funckija koja ispisuje dinamicke elemente navigacionog menija
function showNavigation(navItems) {
  let cnt = `<ul class="navbar-nav text-uppercase ms-auto py-4 py-lg-0">`;
  navItems.forEach((element) => {
    cnt += `<li class="nav-item"><a class="nav-link"
href="${element.href}">${element.text}</a></li>`;
  });
  cnt += `   <li class="nav-item d-flex ">
                       <a class="nav-link" data-bs-toggle="modal"
id="cartButton" href = "#cartModal"><i class="fa-solid fa-cart-shopping fa-
xl"></i></a>

                       <div class="d-flex justify-content-center align-items-
center rounded-circle bg-warning" id="cart-num-items"><span
id="numberOfItems">0</span></div>
                   </li>

              </ul>
              `;
  document.getElementById("navbarResponsive").innerHTML = cnt;
}
//funckija koja ispisuje proizvode u shop-u i njihove modale za kupovinu
function showProducts(products) {
  let shopItem = "";
  let modalOfShopItem = "";
  //ispis proizvoda u shop-u
  products.forEach((p, index) => {
    shopItem += `<div class="col-lg-4 col-sm-6 mb-4">

                       <div class="shop-item">
                       <a class="shop-link" data-bs-toggle="modal"
href="#shopModal${
                           index + 1
```

```
                                    }">
                                        <div class="shop-hover">
                                            <div class="shop-hover-content"><i class="fas fa-
plus fa-3x"></i></div>
                                        </div>
                                        <div class="d-flex">
                                        <img class="img-fluid" src="${
                                          p.img.src
                                        }" alt="${p.img.alt}"/>
                                        ${p.price.newPrice!=p.price.oldPrice?`<div
id="bombIco" class="fs-1">
                                            <i class="fa-solid fa-bomb"></i>
                                        </div>`:""}
                                        </div>
                                </a>
                                <div class="shop-caption">
                                <div class="shop-caption-heading fs-5">${p.name}</div>
                                <div class="shop-caption-subheading d-flex justify-
content-around fs-4"><p>${
                                    p.price.newPrice
                                } RSD</p>${p.price.oldPrice==p.price.newPrice ? ``:
`<s>${p.price.oldPrice} RSD</s>`}</div>
                                ${isAvailable(p.available)}
                </div>
            </div>
    </div>`;
    //ispis u modalu
    modalOfShopItem += `<div class="shop-modal modal fade" id="shopModal${
      index + 1
    }" tabindex="-1" role="dialog" aria-hidden="true">
                                <div class="modal-dialog modal-lg">
                                    <div class="modal-content">
                                        <div class="close-modal position-absolute"
data-bs-dismiss="modal"><i class="fa-solid fa-x"></i></div>
                                            <div class="container">
                                                <div class="row justify-content-center">
                                                    <div class="col-lg-8">
                                                        <div class="modal-body">
                                                            <h2 class="text-uppercase">${
                                                              p.name
                                                            }</h2>
                                                            <div class="d-flex justify-
content-around">
                                                                <p class="item-intro fs-
2">${
```

```
                                            p.price.newPrice
                                        } RSD</p>
                                        ${p.price.oldPrice!=p.pri
ce.newPrice ? `<s class="item-intro fs-2">${p.price.oldPrice} RSD </s>`: ""}
                                    </div>
                                    <img class="img-fluid d-block
mx-auto" src="${
                                        p.img.src
                                    }" alt="${p.img.alt}" />
                                    <p>${p.description}</p>
                                    <ul class="list-inline">
                                        <li data-id="${p.id}"
class="flavours">

                                        </li>
                                    </ul>
                                    ${isAvailableButton(
                                        p.available,
                                        p.id
                                    )}
                                </div>
                            </div>
                        </div>
                    </div>
                </div>
            </div>`;
    });
    document.querySelector("#products").innerHTML = shopItem;
    document.querySelector("#modals").innerHTML = modalOfShopItem;
}
//funkcija koja ispisuje ukuse proizvoda
function writeFlavours() {
    var allProducts = JSON.parse(localStorage.getItem("products"))
    var allFlavours = JSON.parse(localStorage.getItem("ukusi"));
    var allFlavoursLists = document.getElementsByClassName("flavours");
    for(var i = 0; i<allFlavoursLists.length;i++){
        var cnt = "";
        var listId = allFlavoursLists[i].dataset.id;
        allProducts.forEach(p => {
            if(p.id==listId){
                if(p.flavoursIds.length!=0){
                    cnt += `<select class = "form-select">`
                    p.flavoursIds.forEach(flavourId => {
                        allFlavours.forEach(flavourWithName => {
                            if(flavourId == flavourWithName.id ){
```

```
                cnt+= `<option value="${flavourId}">${flavourWithName.name}<//>`
              }
            });
          });
        }
      }
      allFlavoursLists[i].innerHTML = cnt;
    });
  }
}
//funkcija koja proverava da li je proizvod na stanju
function isAvailable(checker) {
  let cnt = "";
  if (checker) {
    cnt += `<div class="d-flex justify-content-center"><div class="rounded-circle
bg-success state mx-1"></div><p>Proizvod je na stanju</p></div>`;
  } else {
    cnt += `<div class="d-flex justify-content-center"><div class="rounded-circle
bg-danger state mx-1"></div><p>Proizvod trenutno nije na stanju</p></div>`;
  }
  return cnt;
}
//funckija koja ispisuje dugme u modalu u odnosu na to da li je proizvod na
stanju ili ne
function isAvailableButton(checker, id) {
  let cnt = "";
  if (checker) {
    cnt += `<button class="btn btn-outline-light text-uppercase rounded-0 text-
black border-dark my-1 cart-button-success buttonShop" data-id="${id}">Dodaj u
korpu <i class="fa-solid fa-bag-shopping fs-5 mx-1"></i></button>
    <div class="alert alert-success my-2 productMessage" role="alert"
id="addedToCart${id}">
    Proizvod dodat u korpu!
    </div>`;
  } else {
    cnt += `<button class="btn btn-outline-light text-uppercase rounded-0 text-
black border-dark my-1 cart-button-fail buttonShopFailed" data-id="${id}">Nije na
stanju <i class="fa-solid fa-x fs-5 mx-1"></i></button>
    <div class="alert alert-danger my-2 productMessage" role="alert"
id="cantAddToCart${id}">
    Zao nam je, proizvod nije na stanju!
    </div>`;
  }
  return cnt;
}
```

```javascript
//funkcija koja ispisuje listu checkbox-ova za filtriranje
function writeFilterCbl(filters, name) {
  let cnt = `<h5 class="text-capitalize">${name}</h5>`;
  filters.forEach((f) => {
    cnt += `<div class="form-check">
              <input class="form-check-input ${name}" name="${name}"
type="checkbox" value="${f.id}" id="${name}${f.id}">
              <label class="form-check-label filter-label"
for="${name}${f.id}"> ${f.name} (${countItems(name, f.id)}) </label>
        </div>`;
  });
  cnt += `<hr>`;
  document.getElementById("filters").innerHTML += cnt;
  countItems();
}
//funkcija koja prebrojava koliko proizvoda zadovoljava uslov za filtriranje
function countItems(condition, checkerId){
  var valueToCheck = ""
  var num = 0;
  var allItems = JSON.parse(localStorage.getItem("products"));
  if(condition!="ukusi"){
    if(condition == "kategorije"){
      valueToCheck = "categoryId"
    }
    else if(condition == "brendovi"){
      valueToCheck = "brandId"
    }
    for(var i = 0; i<allItems.length;i++){
      if(allItems[i][valueToCheck] == checkerId ){
        num++;
      }
    }
  }
  else{
    allItems.forEach(i => {
      i.flavoursIds.forEach(flavourId => {
        if(flavourId == checkerId){
          num++;
        }
      });
    });
  }
  return num;
}
//dohvatanje json fajlova i ispis njihovog sadrzaja
```

```javascript
getData("meni", showNavigation);
getData("products", showProducts);
getData("kategorije", writeFilterCbl);
getData("brendovi", writeFilterCbl);
getData("ukusi", writeFilterCbl);


window.addEventListener("load", (event) => {
  writeFlavours();
  document.getElementById("itemsInCart").innerHTML = `<div class="alert alert-
danger" role="alert">
  Prazna korpa!
  </div>`
  if(JSON.parse(localStorage.getItem("productsInCart"))){
    localStorage.removeItem("productsInCart");
  }
  var allProducts = JSON.parse(localStorage.getItem("products"));
  document.getElementById("search").addEventListener("keyup", filterChanged);
//funkcija koja filtrira proizvode po trazenom tekstu
  function filterByTxt() {
    var writtenText = document
      .getElementById("search")
      .value.toLowerCase()
      .trim();
    var newProducts = JSON.parse(localStorage.getItem("newProducts")).filter(
      (x) => x.name.toLowerCase().trim().indexOf(writtenText) != -1
    );
    localStorage.setItem("newProducts", JSON.stringify(newProducts));
  }
  document.getElementById("sort").addEventListener("change", filterChanged);
  //funkcija koja sortira proizvode po zadatom kriterijumu
  function sortProducts(items) {
    var sortValue = document.getElementById("sort").value;

    return items.sort(function (a, b) {
      if (sortValue == "0") {
        showProducts(JSON.parse(localStorage.getItem("newProducts")));
      } else if (sortValue == "1") {
        return a.price.newPrice - b.price.newPrice;
      } else if (sortValue == "2") {
        return b.price.newPrice - a.price.newPrice;
      } else if (sortValue == "3") {
        if (a.name > b.name) {
          return -1;
        } else if (a.name == b.name) {
```

```javascript
        return 0;
      } else if (a.name < b.name) {
        return 1;
      }
    } else if (sortValue == "4") {
      if (b.name > a.name) {
        return -1;
      } else if (a.name == b.name) {
        return 0;
      } else if (b.name < a.name) {
        return 1;
      }
    }
  });
}
//funkcija koja se izvrsava pri promeni vrste sortiranja
function sortOrderChanged() {
  var itemsToSort = JSON.parse(localStorage.getItem("newProducts"));
  sortProducts(itemsToSort);
  localStorage.setItem("newProducts", JSON.stringify(itemsToSort));
}
document.getElementById("minPrice").addEventListener("keyup", filterChanged);
document.getElementById("maxPrice").addEventListener("keyup", filterChanged);

//funkcija kojja filtira proizvode po cenovnom rangu, radi i za min i max cenu
function filterByPrice() {
  var minPrice = document.getElementById("minPrice").value;
  var maxPrice = document.getElementById("maxPrice").value;
  if (minPrice == "" && maxPrice != "") {
    minPrice = "0";
  }
  if (minPrice != "" && maxPrice == "") {
    maxPrice = "100000000";
  }
  allProducts.forEach((element) => {});
  if (minPrice == "" && maxPrice == "") {
    showProducts(JSON.parse(localStorage.getItem("newProducts")));
  } else {
    var newProducts = JSON.parse(localStorage.getItem("newProducts")).filter(
      (p) =>
        parseInt(p.price.newPrice) > parseInt(minPrice) &&
        parseInt(p.price.newPrice) < parseInt(maxPrice)
    );
    localStorage.setItem("newProducts", JSON.stringify(newProducts));
  }
```

```javascript
  }
  //funkcija koja filtrira proizvode po tome da li su na stanju ili ne
  function filterByAvailability() {
    var newProducts;
    var val;
    try {
      val = document.querySelector('input[name="availability"]:checked').value;
    } catch {
      val = "all";
    }
    if (val == "true") {
      newProducts = JSON.parse(localStorage.getItem("newProducts")).filter(
        (p) => p.available == true
      );
      localStorage.setItem("newProducts", JSON.stringify(newProducts));
    } else if (val == "false") {
      newProducts = JSON.parse(localStorage.getItem("newProducts")).filter(
        (p) => p.available == false
      );
      localStorage.setItem("newProducts", JSON.stringify(newProducts));
    } else if (val == "all") {
      showProducts(JSON.parse(localStorage.getItem("newProducts")));
    }
  }
  var radioButtons = document.querySelectorAll('input[name="availability"]');
  for (var i = 0; i < radioButtons.length; i++) {
    radioButtons[i].checked = false;
    radioButtons[i].addEventListener("change", filterChanged);
  }
  //funkcija koja filtrira proizvode na osnovu toga da li je neki od checkboxova
promenjen
  function filterByCondition(filterBy, filterValue) {
    var checkedCategories = document.querySelectorAll(
      `input[name="${filterBy}"]:checked`
    );
    var checkedCategoriesValues = [];
    for (var i = 0; i < checkedCategories.length; i++) {
      checkedCategoriesValues.push(checkedCategories[i].value);
    }
    if (checkedCategories.length == 0) {
      showProducts(JSON.parse(localStorage.getItem("newProducts")));
    } else {
      var newProductsArray = [];
      for (var i = 0; i < checkedCategoriesValues.length; i++) {
        newProductsArray.push(
```

```
        JSON.parse(localStorage.getItem("newProducts")).filter(
          (p) => p[filterValue] == checkedCategoriesValues[i]
        )
      );
    }
    var newProducts = [];
    newProductsArray.forEach((element) => {
      for (var i = 0; i < element.length; i++) {
        newProducts.push(element[i]);
      }
    });
    localStorage.setItem("newProducts", JSON.stringify(newProducts));
  }
}
// funckija koja filtrira po cb od kategorija
function filterByCategory() {
  filterByCondition("kategorije", "categoryId");
}
// funckija koja filtrira po cb od brendova
function filterByBrand() {
  filterByCondition("brendovi", "brandId");
}
// funckija koja filtrira po cb od ukusa
function filterByFlavour() {
  var chosenFlavours = [];
  $.each($("input[name='ukusi']:checked"), function () {
    chosenFlavours.push($(this).val());
  });
  if (chosenFlavours.length == 0) {
    showProducts(JSON.parse(localStorage.getItem("newProducts")));
  } else {
    var newProducts = JSON.parse(localStorage.getItem("newProducts")).filter(
      function (p) {
        for (let flavourId of p.flavoursIds) {
          for (let id of chosenFlavours) {
            if (flavourId == id) {
              return true;
            }
          }
        }
      }
    );
    localStorage.setItem("newProducts", JSON.stringify(newProducts));
  }
}
```

```javascript
    var categories = document.querySelectorAll(".kategorije");
    for (var i = 0; i < categories.length; i++) {
      categories[i].addEventListener("change", filterChanged);
    }
    var brendovi = document.querySelectorAll(".brendovi");
    for (var i = 0; i < brendovi.length; i++) {
      brendovi[i].addEventListener("change", filterChanged);
    }
    var flavours = document.querySelectorAll(".ukusi");
    for (var i = 0; i < flavours.length; i++) {
      flavours[i].addEventListener("change", filterChanged);
    }
    //funkcija koja sadrzi sve proveru svih filtera i bice dodeljena svakoj promeni
    function filterChanged() {
      localStorage.setItem("newProducts", JSON.stringify(allProducts));
      filterByTxt();
      sortOrderChanged();
      filterByPrice();
      filterByAvailability();
      filterByCategory();
      filterByBrand();
      filterByFlavour();
      showProducts(JSON.parse(localStorage.getItem("newProducts")));
      giveButtonsShoppingAbility();
      writeFlavours();
    }
    var emailReg = /^[\w\.]+@[a-zA-Z_]+?(\.[a-zA-Z]{2,3})+$/;
    var nameAndLastNameReg =
    /^([A-ZČĆŠŽĐ][a-zčćšžđ]+)\s*([A-ZČĆŠŽĐ][a-zčćšžđ]+(\s)*)*$/;
    var phoneReg = /^06[0-9]([0-9]{7,8})$/;
    var adressReg =
    /^([A-ZČĆŠŽĐ][a-zčćšžđ]+)\s*([A-ZČĆŠŽĐa-zčćšžđ][a-zčćšžđ]+(\s)*)*[0-9]+([/][0-9])*$/;
    var cityReg =
    /^([A-ZČĆŠŽĐ][a-zčćšžđ]+)\s*([A-ZČĆŠŽĐa-zčćšžđ][a-zčćšžđ]+(\s)*)*$/;
    var postalReg = /^[1-4][0-9]{4}$/;
    //funkcija koja proverava da li je korisnikov unos ispravan i vraca povratnu
poruku ako nije
    function checker(regex, id, messageId) {
      if (!regex.test(document.getElementById(id).value)) {
        document.getElementById(messageId).classList.add("d-block");
        return false;
      } else {
        document.getElementById(messageId).classList.remove("d-block");
      }
```

```javascript
}
// funkcija koja  uklanja tekst iz zadatog polja
function removeText(id) {
  document.getElementById(id).value = "";
}
//funkcija koja proverava formu za kontakt
function checkContactForm(e) {
  e.preventDefault();
  var err = 0;
  if (checker(nameAndLastNameReg, "name", "invalidName") == false) {
    err++;
  }
  if (checker(emailReg, "email", "invalidEmail") == false) {
    err++;
  }
  if (checker(phoneReg, "phone", "invalidPhone") == false) {
    err++;
  }
  if (document.getElementById("message").value.length == 0) {
    document.getElementById("invalidMessage").classList.add("d-block");
    err++;
  } else {
    document.getElementById("invalidMessage").classList.remove("d-block");
  }
  if (err == 0) {
    removeText("name");
    removeText("email");
    removeText("message");
    removeText("phone");
    $("#messageSent").show("slow");
    setTimeout(() => {
      $("#messageSent").hide("slow");
    }, 3000);
  }
}
//funkcija koja proverava formu za kupovinu
function checkCustomerForm(e) {
  e.preventDefault();
  err = 0;
  if (
    checker(nameAndLastNameReg, "customerName", "invalidCustomerName") ==
    false
  ) {
    err++;
  }
```

```javascript
    if (checker(emailReg, "customerEmail", "invalidCustomerEmail") == false) {
      err++;
    }
    if (checker(phoneReg, "customerPhone", "invalidCustomerPhone") == false) {
      err++;
    }
    if (
      checker(adressReg, "customerAdress", "invalidCustomerAdress") == false
    ) {
      err++;
    }
    if (checker(cityReg, "customerCity", "invalidCustomerCity") == false) {
      err++;
    }
    if (
      checker(postalReg, "customerPostalCode", "invalidCustomerPostalCode") ==
      false
    ) {
      err++;
    }
    if(JSON.parse(localStorage.getItem("productsInCart"))){
      if(JSON.parse(localStorage.getItem("productsInCart")).length==0){
        err++;
        document.getElementById("invalidProductNumber").classList.add("d-block");
      }
      else{
        document.getElementById("invalidProductNumber").classList.remove("d-block");
      }
    }
    else{
      err++;
      document.getElementById("invalidProductNumber").classList.add("d-block");
    }
    if (err == 0) {
      removeText("customerName");
      removeText("customerEmail");
      removeText("customerPhone");
      removeText("customerAdress");
      removeText("customerCity");
      removeText("customerPostalCode");
      localStorage.removeItem("productsInCart");
      writeCart();
      calculateItemsInCart();
      giveDeleteFunction();
```

```javascript
      calculatePrice();
      $("#shopingGood").fadeIn("slow");
      setTimeout(() => {
        $("#shopingGood").fadeOut("slow");
      }, 3000);
    }
  }
$("#submitCustomer").click(checkCustomerForm);
document
  .getElementById("submitButton")
  .addEventListener("click", checkContactForm);
giveButtonsShoppingAbility();
//funkcija koja proverava da li proizvod vec postoji u korpi
function checkIfElementAlreadyExists(arrayOfProducts, id) {
  var bool = false;
  arrayOfProducts.forEach((item) => {
    if (item.id == id) {
      bool = true;
    }
  });
  return bool;
}
//funkcija koja racuna ukupnu cenu
function calculatePrice(){
  var price = 0;
  if(JSON.parse(localStorage.getItem("productsInCart"))){
    if(JSON.parse(localStorage.getItem("productsInCart")).length!=0){
      var productInCart = JSON.parse(localStorage.getItem("productsInCart"));
      productInCart.forEach(productInCart => {
        allProducts.forEach(element => {
          if(productInCart.id == element.id){
            price += element.price.newPrice * productInCart.quantity;
          }
        });
      });
    }
  }
  document.getElementById("priceSum").textContent = price + " RSD";
}
//funkcija koja ispisuje proizvode u korpi
function writeCart(){
  var productsInCart = JSON.parse(localStorage.getItem("productsInCart"));
  var cnt = "";
  if(JSON.parse(localStorage.getItem("productsInCart")))
  {
```

```
if(JSON.parse(localStorage.getItem("productsInCart")).length!=0){
    productsInCart.forEach((productInCart) => {
        allProducts.forEach((product) => {
            if (product.id == productInCart.id) {
                cnt += `<div class="container-xl cart-item rounded-3 py-2 mb-1">
                    <div class="row align-items-center">
                        <div class="col-3 col-lg-3">
                            <img
                            src="${product.img.src}"
                            class="w-100 rounded-3"
                            alt="${product.img.alt}"
                            />
                        </div>
                        <div class="col-9 col-lg-4">
                            <p class="lh-1">
                                ${product.name}
                            </p>
                        </div>
                        <div
                            class="
                                col-12 col-lg-5
                                align-items-center
                                d-flex
                                justify-content-end
                            "
                        >
                            <input
                            value = "${productInCart.quantity}"
                            min = "1"
                            type="number"
                            class="form-control mx-4 mx-lg-0 quantity"
                            id="quantity${product.id}"
                            name="quantity${product.id}"
                            data-id="${product.id}"
                            />
                            <p class="mx-2">${product.price.newPrice} RSD</p>
                            <a href="#" class="text-dark removeItemFromCart" data-
id="${product.id}"><i class="fa-solid fa-circle-xmark"></i></a>
                        </div>
                    </div>
                </div>`;
            }
        });
    });
}
```

```javascript
      else{
        cnt = `<div class="alert alert-danger" role="alert">
        Prazna korpa!
        </div>`
      }
    }
    else{
      cnt = `<div class="alert alert-danger" role="alert">
      Prazna korpa!
      </div>`
    }
    document.getElementById("itemsInCart").innerHTML = cnt;
    var upNDowns = document.getElementsByClassName("quantity");
    for(var i = 0; i<upNDowns.length;i++){
      upNDowns[i].addEventListener("change", quantityChangedByInput);
    }
  }
  //funkcija koja uklanja stavku iz korpe
  function removeItemsFromCart(e){
    e.preventDefault();
    var idOfProductToRemove = $(this).data("id");
    var productsInCart = JSON.parse(localStorage.getItem("productsInCart"))
    var productToRemove = productsInCart.find(p=> p.id == idOfProductToRemove);
    var index = productsInCart.indexOf(productToRemove);
    productsInCart.splice(index, 1);
    localStorage.setItem("productsInCart", JSON.stringify(productsInCart));
    cartOperations();
  }
  //funckija koja dodeljuje funkciju za uklanjanje stavki iz korpe dugmicima za
brisanje
  function giveDeleteFunction(){
    var deleteButtons = document.getElementsByClassName("removeItemFromCart");
    for(var i = 0;i<deleteButtons.length;i++){
      deleteButtons[i].addEventListener("click", removeItemsFromCart);
    }
  }
  // funkcija koja racuna koliko je elemenata u korpi
  function calculateItemsInCart(){
    var numberOfItemsInCart = 0;
    if(JSON.parse(localStorage.getItem("productsInCart"))){
      var productsInCart = JSON.parse(localStorage.getItem("productsInCart"))
      productsInCart.forEach(p => {
        numberOfItemsInCart += parseInt(p.quantity);
      });
    }
```

```javascript
    document.getElementById("cart-num-items").textContent = numberOfItemsInCart;
}
//funkcija koja radi za rucno menjanje broja artikla u korpi
function quantityChangedByInput(){
  var idToChange = $(this).data("id");
  var newQuantity = document.getElementById(`quantity${idToChange}`).value;
  var productInCart = JSON.parse(localStorage.getItem("productsInCart"));
  productInCart.forEach(p => {
    if(p.id==idToChange){
      p.quantity = newQuantity;
    }
  });
  localStorage.setItem("productsInCart", JSON.stringify(productInCart));
  cartOperations();

}
//funkcija koja posle ispisa daje funkcionalnost dugmicima za kupovinu
function giveButtonsShoppingAbility(){
  var buttons = document.querySelectorAll(".buttonShop");
  for (var i = 0; i < buttons.length; i++) {
  buttons[i].addEventListener("click", shopping);
  }
  var buttonsFail = document.querySelectorAll(".buttonShopFailed");
  for (var i = 0; i < buttonsFail.length; i++) {
  buttonsFail[i].addEventListener("click", cantShop);
}
}
//funkcija za kupovinu, koja se poziva na dugme za dodavanje artikla u korpu
function shopping() {

  var idProduct = $(this).data("id");
  $(`#addedToCart${idProduct}`).show("slow");
  setTimeout(() => {
    $(`#addedToCart${idProduct}`).hide("slow");
  }, 3000);
  if (!JSON.parse(localStorage.getItem("productsInCart"))) {
    let products = [];
    products[0] = {
      id: idProduct,
      quantity: 1,
    };
    localStorage.setItem("productsInCart", JSON.stringify(products));
  } else {
    if (
      checkIfElementAlreadyExists(
```

```javascript
        JSON.parse(localStorage.getItem("productsInCart")),
        idProduct
      )
    ) {
      var products = JSON.parse(localStorage.getItem("productsInCart"));
      products.forEach((p) => {
        if(p.id==idProduct){
          p.quantity++;
        }
      });
      localStorage.setItem("productsInCart", JSON.stringify(products));
    } else {
      var products = JSON.parse(localStorage.getItem("productsInCart"));
      products.push({
        id: idProduct,
        quantity: 1,
      });
      localStorage.setItem("productsInCart", JSON.stringify(products));
    }
  }
  cartOperations();
}
//funkcija koja grupise i obavlja sve funkcije vezane za funkcionalnost korpe
function cartOperations(){
  writeCart();
  calculatePrice();
  calculateItemsInCart();
  giveDeleteFunction();
}
//funkcija koja ne dozvoljava kupovinu artikla koji nije na stanju
function cantShop() {
  var id = $(this).data("id");
  $(`#cantAddToCart${id}`).show("slow");
  setTimeout(() => {
    $(`#cantAddToCart${id}`).hide("slow");
  }, 3000);
}
});
```