



**UNIVERZITET U ZENICI
POLITEHNIČKI FAKULTET**



Restaurant VARDINEZ

SEMINARSKI RAD

Predmet: Web dizajn

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Indeks: 184

Studij: Softversko inženjerstvo

Maj, 2022.

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OPIS PROJEKTA

Projekat je namjenjen za restoran “*Vardinez*”, gdje bi gosti imali lakši pregled ponude i cijene hrane restorana, tima ljudi koji su zaposleni u restoranu, te kontakt informacije o samom restoranu.

Ugostitelj kao Admin stranice ima dodatne mogućnosti kao što je dodavanje, brisanje I uređivanje postojeće hrane, gdje su iskorištene zadane metode:

- POST,
- DELETE, i
- PUT.

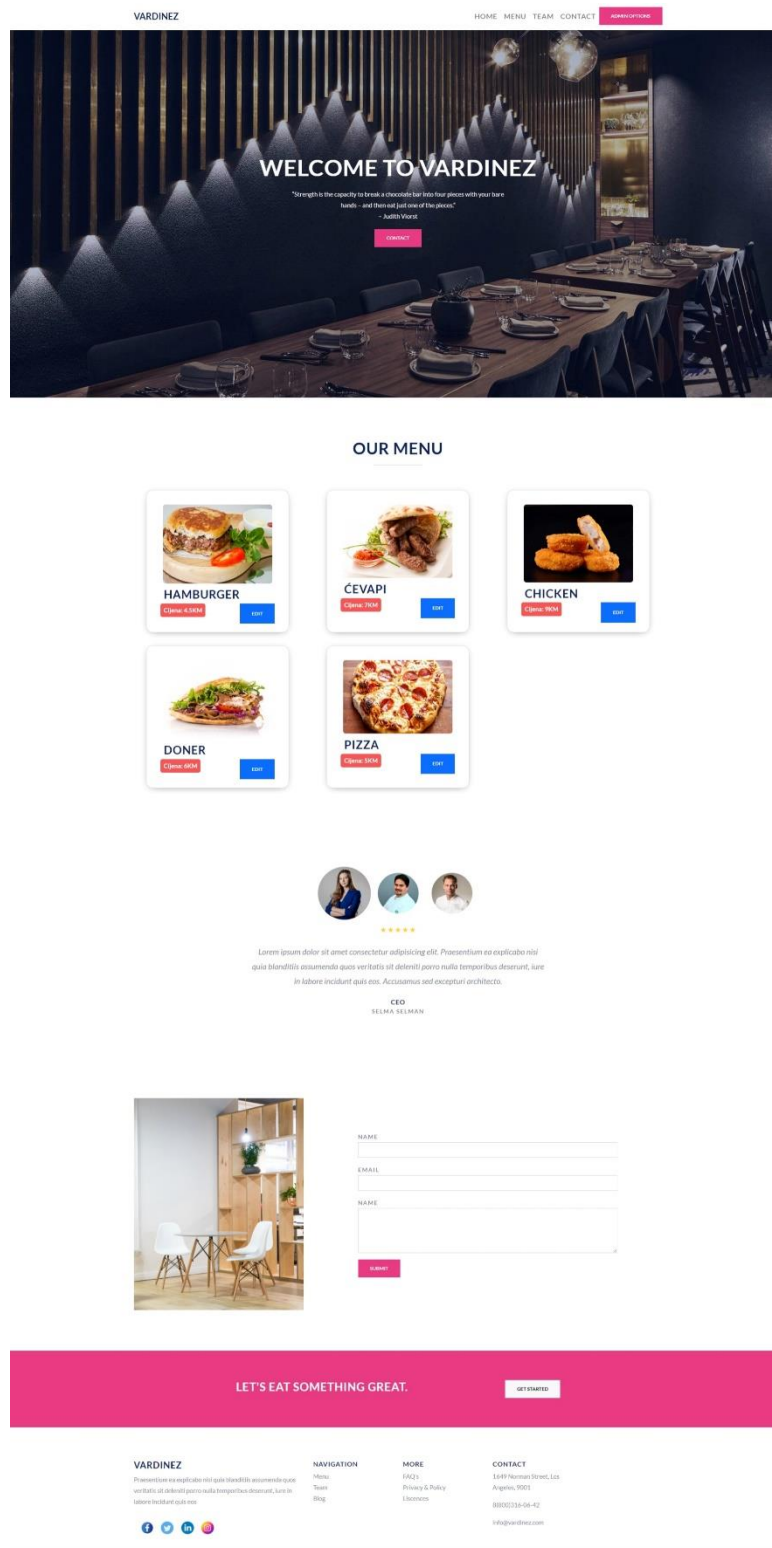
Sami podaci o hrani koji se prikazuju u ponudi su dobijeni pomoću GET metode sa API-a: <https://ptf-web-dizajn-2022.azurewebsites.net/api/Food> , same metode su opisane u tekstu.

GitHub link projekta: <https://github.com/belilovi02/WD--Projekat>

Link za pregled projekta: <https://vardinez-restaurant.netlify.app/>

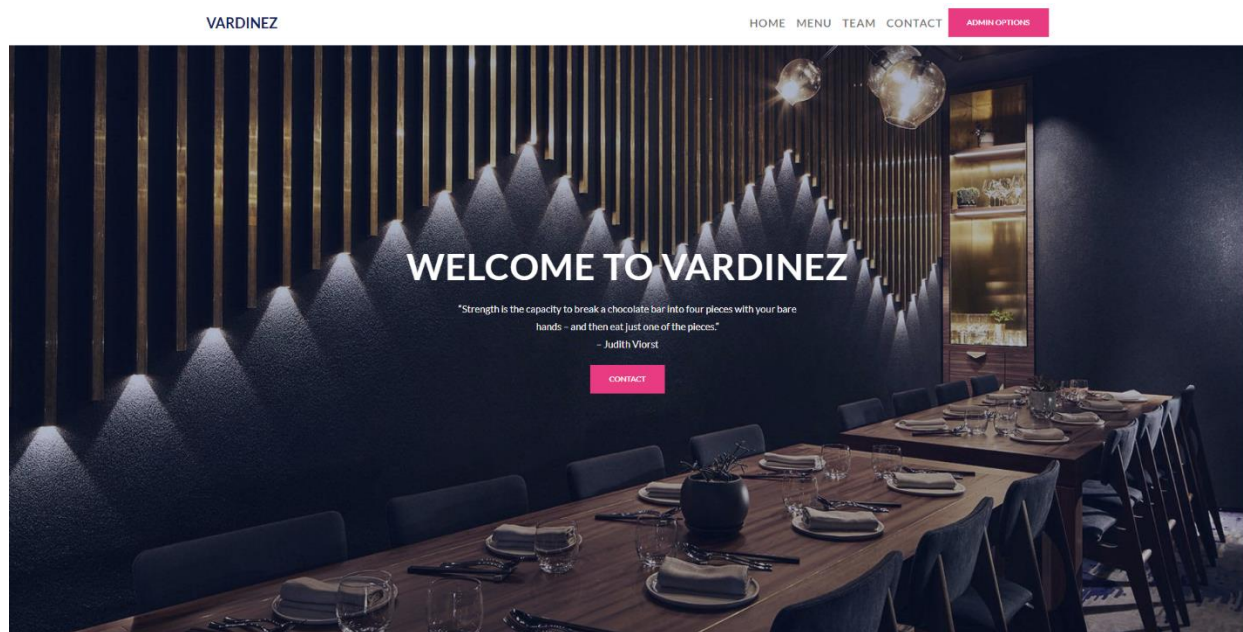
Responsive design i metode

Na samom početku ću pokazati izgled full page za desktop uređaj jer je najpregledniji.

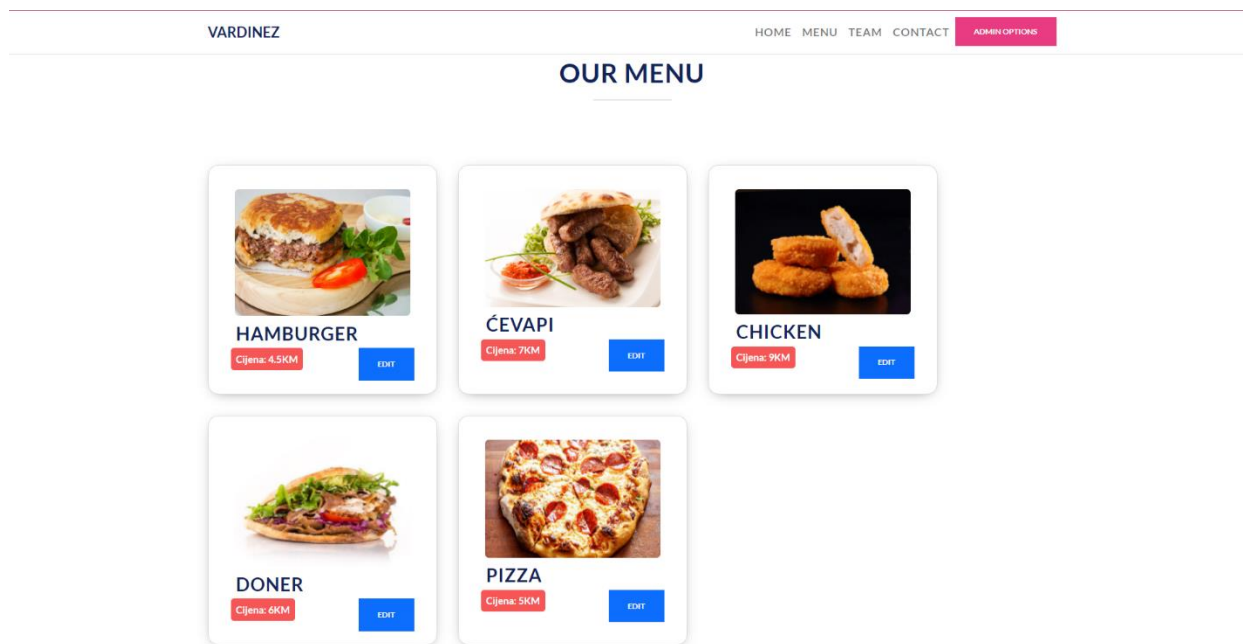


Slika 1. Full page na desktop-u

Desktop responsive



Slika 2. Home page



Slika 3. Menu section



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FRANJO FRANJIĆ
MASTER CHEF

Slika 4. Our team section



NAME

EMAIL

NAME

SUBMIT

LET'S EAT SOMETHING GREAT.

GET STARTED

Slika 5. Contact section

VARDINEZ

Praesentium ea explicabo nisi quia blanditit assumenda quos veritatis sit deleniti porro nulla temporibus deserunt, iure in labore incidunt quis eos



NAVIGATION

Menu
Team
Blog

MORE

FAQ's
Privacy & Policy
Licences

CONTACT

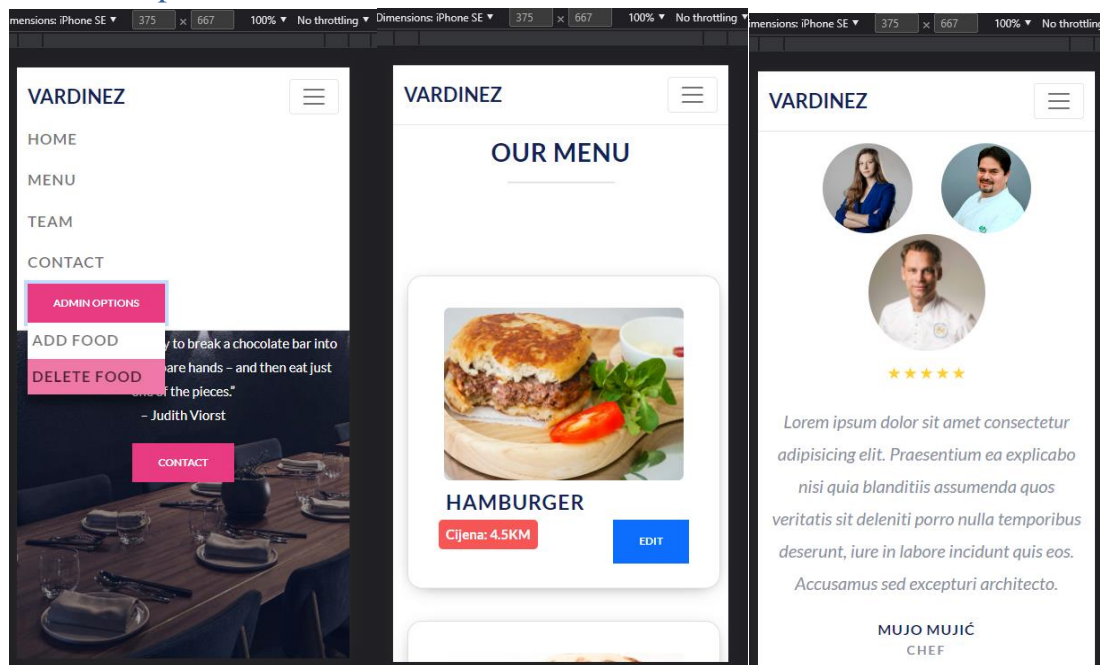
1649 Norman Street, Los
Angeles, 9001

8(800)316-06-42

info@vardinez.com

Slika 6. Footer

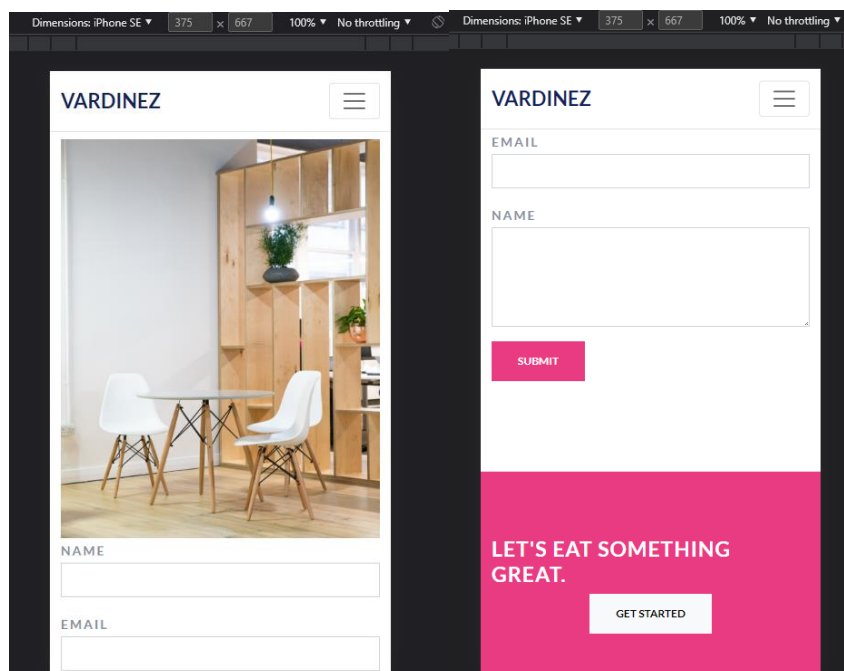
Mobile responsive



Slika 7. NavBar & Home page

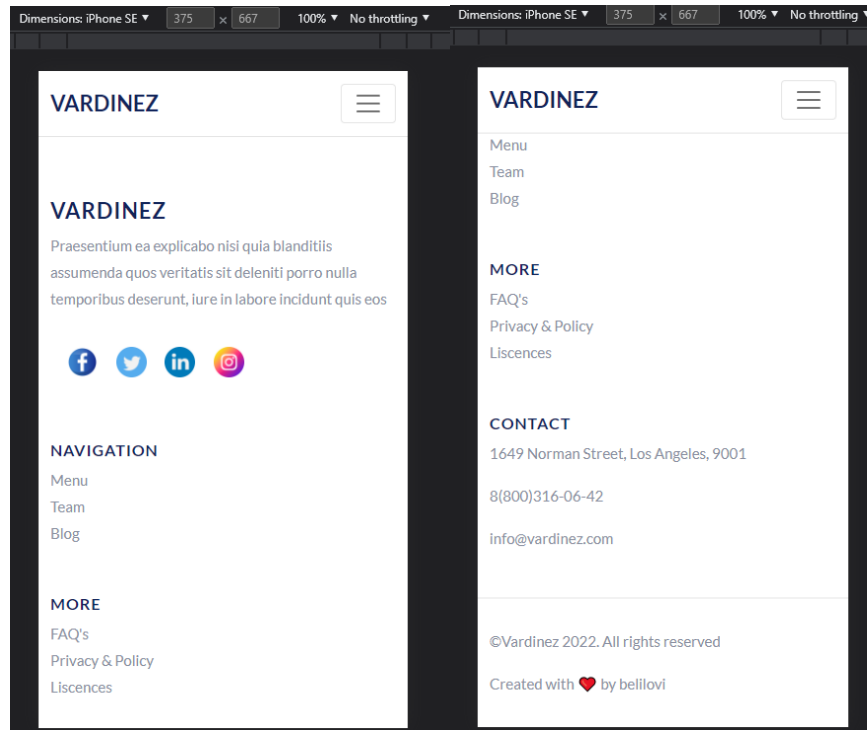
Slika 8. Our menu

Slika 9. Our team



Slika 10. Contact - 1

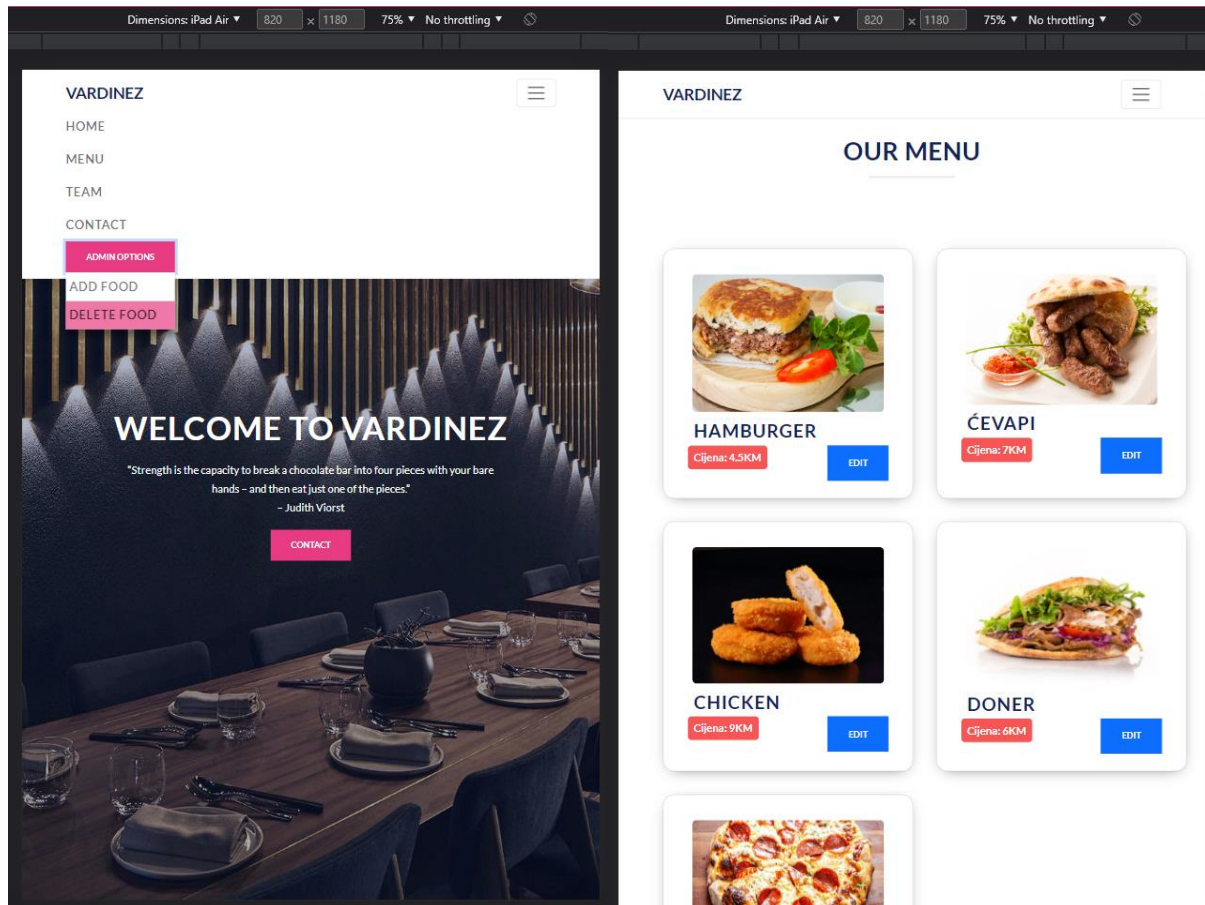
Slika 11. Contact - 2



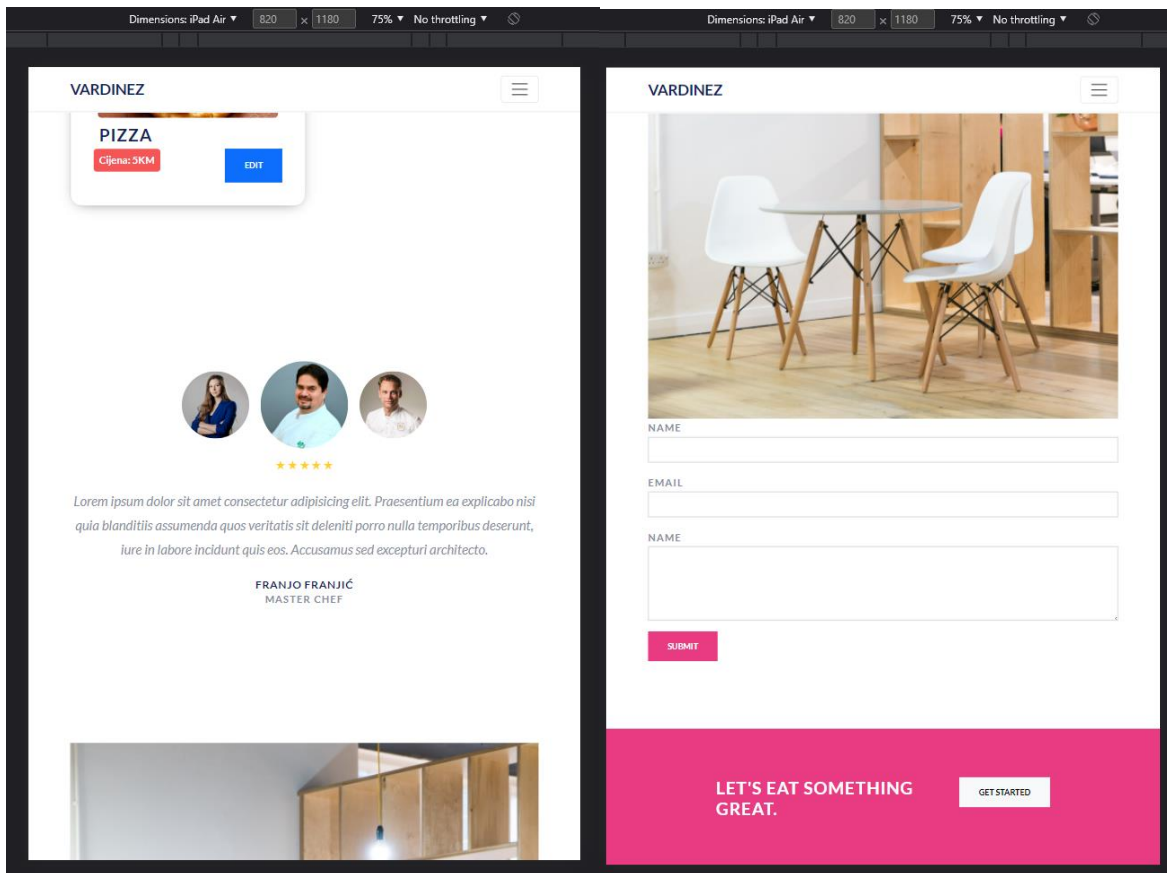
Slika 12. Footer – 1

Slika 13. Footer - 2

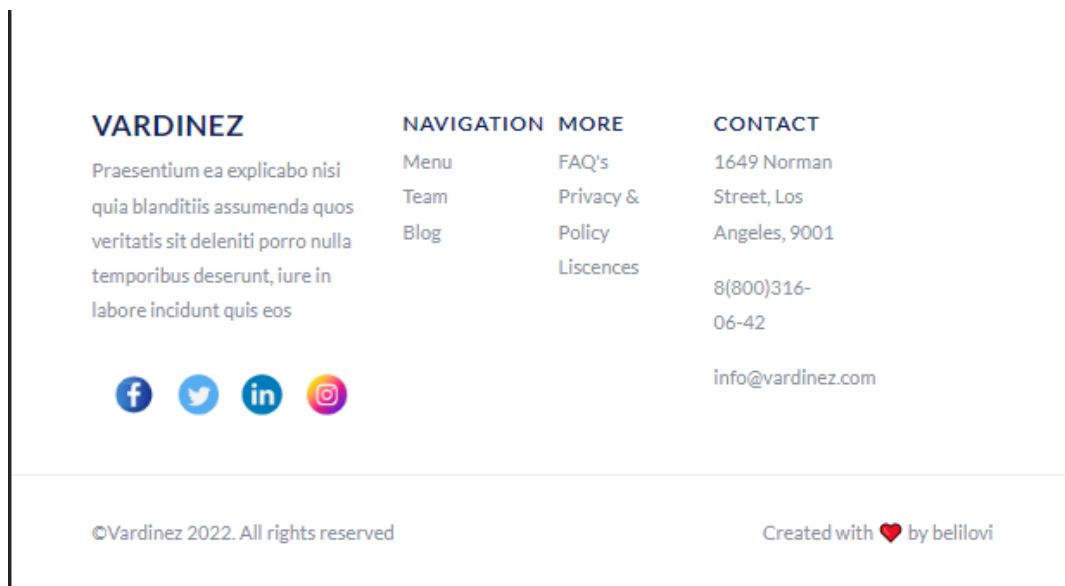
Tablet responsive



Slika 14. Nav-bar, homepage and menu



Slika 15. Our team and Contact sections



Slika 16. Footer

Metode

GET metoda

```
fetch(`https://ptf-web-dizajn-2022.azurewebsites.net/api/Food`)
  .then(res => {
    return res.json();
  })
  .then(data => {
    foods = data;
    renderFoods(data);
  })
```

Slika 17. GET metoda

Pomoću GET metode i pozivom funkcije renderFoods() se prikazuje Meni sa hranom, funkcija se može vidjeti u prilogu:

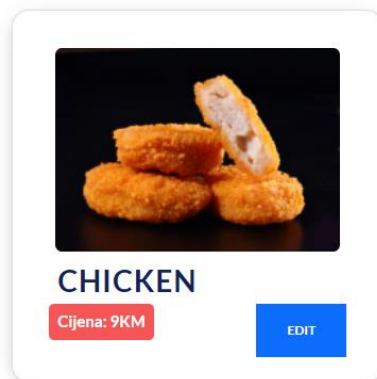
```
const renderFoods = (foods) => {
  const foodsRow = document.getElementById('foods-row');

  let resultHtml = '';

  foods.forEach(food => {
    resultHtml += `
      <div class="card food-item">
        
        <div class="card-body">
          <h3 class="food-name">${food.name}</h3>
          <div class="d-flex justify-content-between">
            <p class="food-price">Cijena: ${food.price}KM</p>
            <button type="button" onclick="fillEditData(${food.id})" class="btn btn-primary"
              data-bs-toggle="modal" data-bs-target="#exampleModal" data-bs-whatever="@getbootstrap">Edit</button>
          </div>
        </div>
      </div>`;
  });
  foodsRow.innerHTML = resultHtml;
}
```

Slika 18. Funkcija rendersFoods()

Prikaz jedne kartice u meni je sljedeći:



Slika 19. One card of Menu

PUT METODA



Odabirom button-a “EDIT”, admin može uraditi update nekom jelu. To se odvija pomoću PUT metode koja će bit prikazana u nastavku, kao i metode fillEditData() koja uzima podatke o jelu I smješta ih u Modal pomoću kojeg se radi upadate.

```
const editFood = () => {
  const foodFormId = document.getElementById('food-id-1').value;
  const foodFormName = document.getElementById('food-name-1').value;
  const foodFormImage = document.getElementById('food-imageUrl-1').value;
  const foodFormPrice = document.getElementById('food-price-1').value;

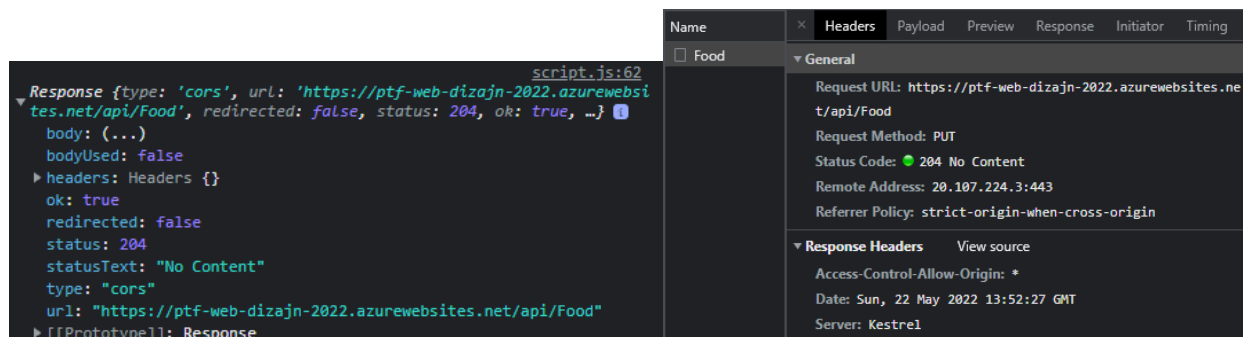
  fetch('https://ptf-web-dizajn-2022.azurewebsites.net/api/Food', {
    method: 'PUT',
    headers: new Headers({ 'content-type': 'application/json' }),
    body: JSON.stringify({
      id: foodFormId,
      name: foodFormName,
      imageUrl: foodFormImage,
      price: foodFormPrice
    })
  })
  .then(response => {
    console.log(response);
  })
}
```

```
const fillEditData = (foodId) => {
  const food = foods.find(food => food.id === foodId);
  const foodFormId = document.getElementById('food-id-1');
  const foodFormName = document.getElementById('food-name-1');
  const foodFormImage = document.getElementById('food-imageUrl-1');
  const foodFormPrice = document.getElementById('food-price-1');

  foodFormId.value = food.id;
  foodFormName.value = food.name;
  foodFormImage.value = food.imageUrl;
  foodFormPrice.value = food.price;
}
```

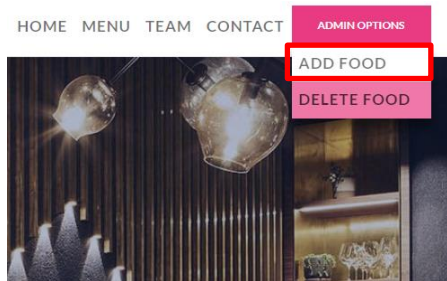
Slika 20. Funkcije EditFood() sa PUT metodom i fillEditData()

Ukoliko admin spremi promjene za određeno jelo, dokaz da se promjena spremila jeste response u Console-i I Network-u:



Slika 21. Console and Network response after PUT method

POST metoda



ADD FOOD ×

Food ID:

Food name:

Food price:

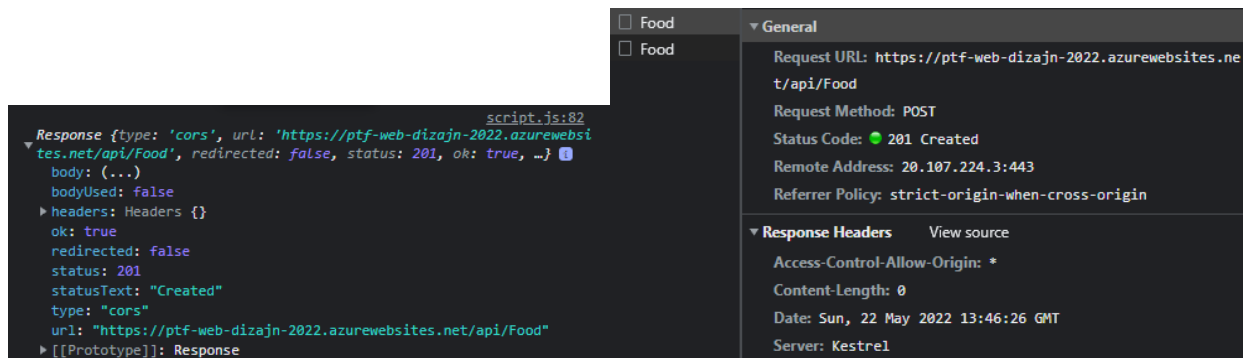
Food image URL:

CLOSE SUBMIT

Ukoliko admin želi da doda jelo u Meni, ADMIN OPTIONS → ADD FOOD, gdje dobija Modal koji treba popuniti odgovarajućim podacima. Za uspješno dodavanje jela, korištena je funkcija `addFood()`, koja sadrži POST metodu, koja će biti prikazana u prilogu.

```
const addFood = () => {  
  const foodFormId = document.getElementById('food-id').value;  
  const foodFormName = document.getElementById('food-name').value;  
  const foodFormImage = document.getElementById('food-imageUrl').value;  
  const foodFormPrice = document.getElementById('food-price').value;  
  
  fetch(`https://ptf-web-dizajn-2022.azurewebsites.net/api/Food`, {  
    method: 'POST',  
    headers: new Headers({ 'content-type': 'application/json' }),  
    body: JSON.stringify({  
      id: foodFormId,  
      name: foodFormName,  
      imageUrl: foodFormImage,  
      price: foodFormPrice  
    })  
  })  
    .then(response => {  
      console.log(response);  
    })  
}
```

Slika 22. `addFood()` func with POST method



Slika 23. Console and Network Headers response after POST method

DELETE metoda

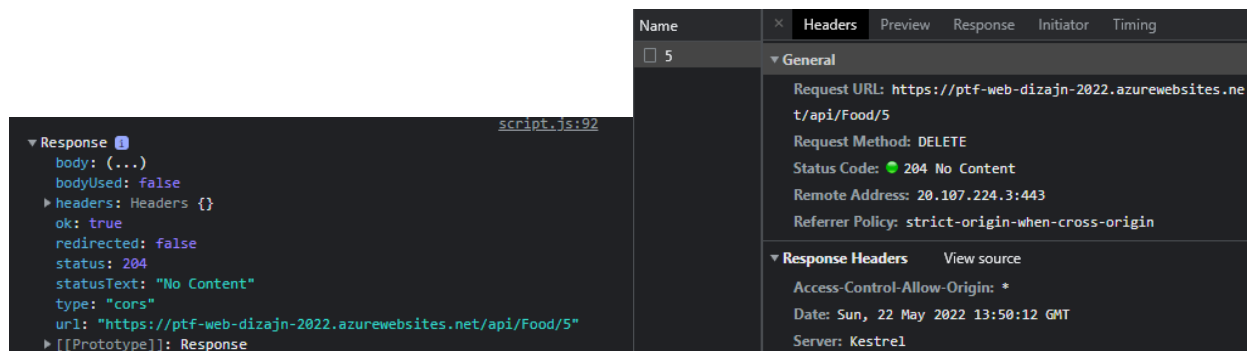


Ukoliko admin želi da izbriše jelo iz Meni-a, ADMIN OPTIONS → DELETE FOOD, gdje dobija Modal koji treba popuniti sa ID jela kojeg želi izbrisati. Za uspješno brisanje jela, koristena je funkcija `deleteFood()`, koja sadrži DELETE metodu, koja će biti prikazana u prilogu.

```
const deleteFood = () => {  
  const id = document.getElementById('food-id-d').value;  
  fetch(`https://ptf-web-dizajn-2022.azurewebsites.net/api/Food/${id}`, {  
    method: 'DELETE'  
  })  
  .then(response => {  
    console.log(response);  
  })  
}
```

Slika 24. `deleteFood()` func with DELETE method

Ukoliko admin odabere button Submit, tj. želi daobriše jelo, dokaz da se promjena spremila jeste response u Console-i i Network-u:



Slika 25. Console and Network Headers response after DELETE method