

**VISOKA ŠKOLA STRUKOVNIH STUDIJA ZA INFORMACIONE I KOMUNIKACIONE
TEHNOLOGIJE**

DOKUMENTACIJA

Web Programiranje PHP 2

Hostit

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1.Uvod

1.1 Koriscene tehnologije za izradu sajta

Za sajt su koriscene tehnologije:

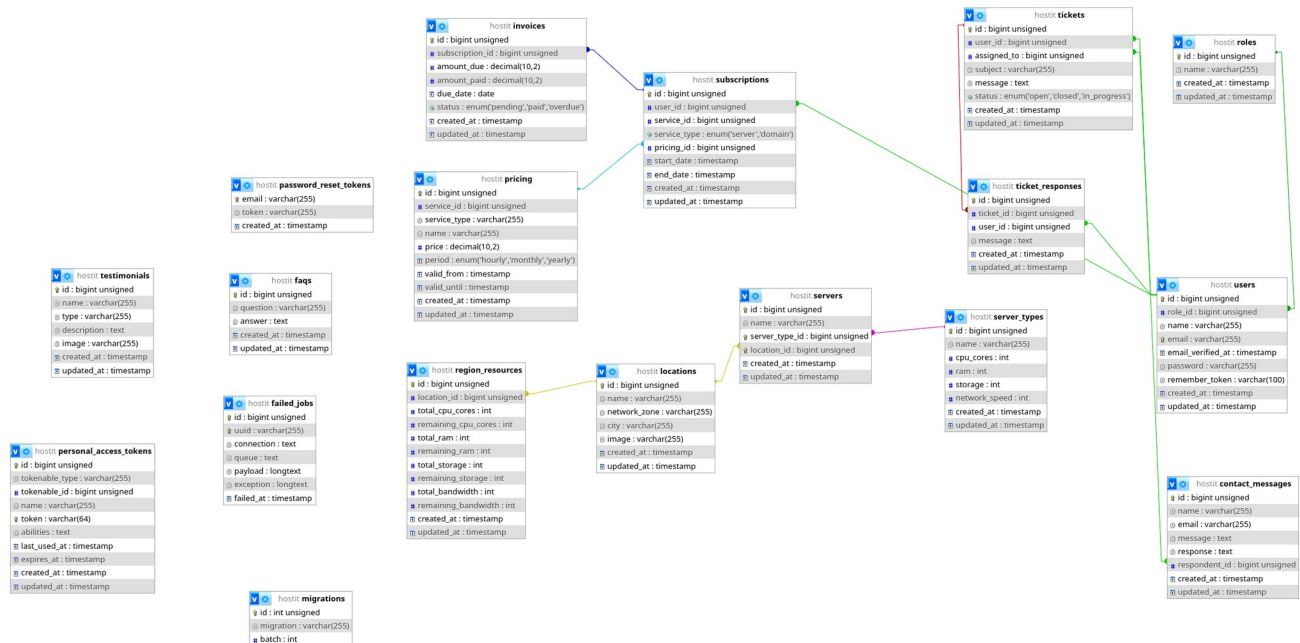
- Docker
- Mailhog
- PHP
- Javascript
- HTMX
- Bootstrap
- JQuery
- Laravel
- Filament
- Mysql
- Nginx
- Makefile

1.2 Template

Za izradu sajta je koriscen template

<https://www.free-css.com/free-css-templates/page293/hostit>

1.3 Dizajn baze



1.4 Inicijalizacija projekta

Posto je projekat radjen u **Docker-u**, za Windows I Mac masine je neophodan [Docker desktop](#) da bi se uspesno inicijalizovao projekat. Takodje su dodati **docker-compose** I **Makefile** da bi olaksali celokupni rad. Najbitnije komande su

- **`make init`** - inicijalizuje ceo projekat – ovo se pokrece kada se projekat prvi put preuzima I pokrece. Svaki sledeci put se pokrece komanda:
- **`make start`** - startuje projekat – pokrece Docker kontejnere
- **`make stop`** - stopira projekat – stopira Docker kontejnere

Napomena: Sve **`make`** komande se moraju pokretati u root-u projekta, tj na istom nivou na kome je I **Makefile`**.

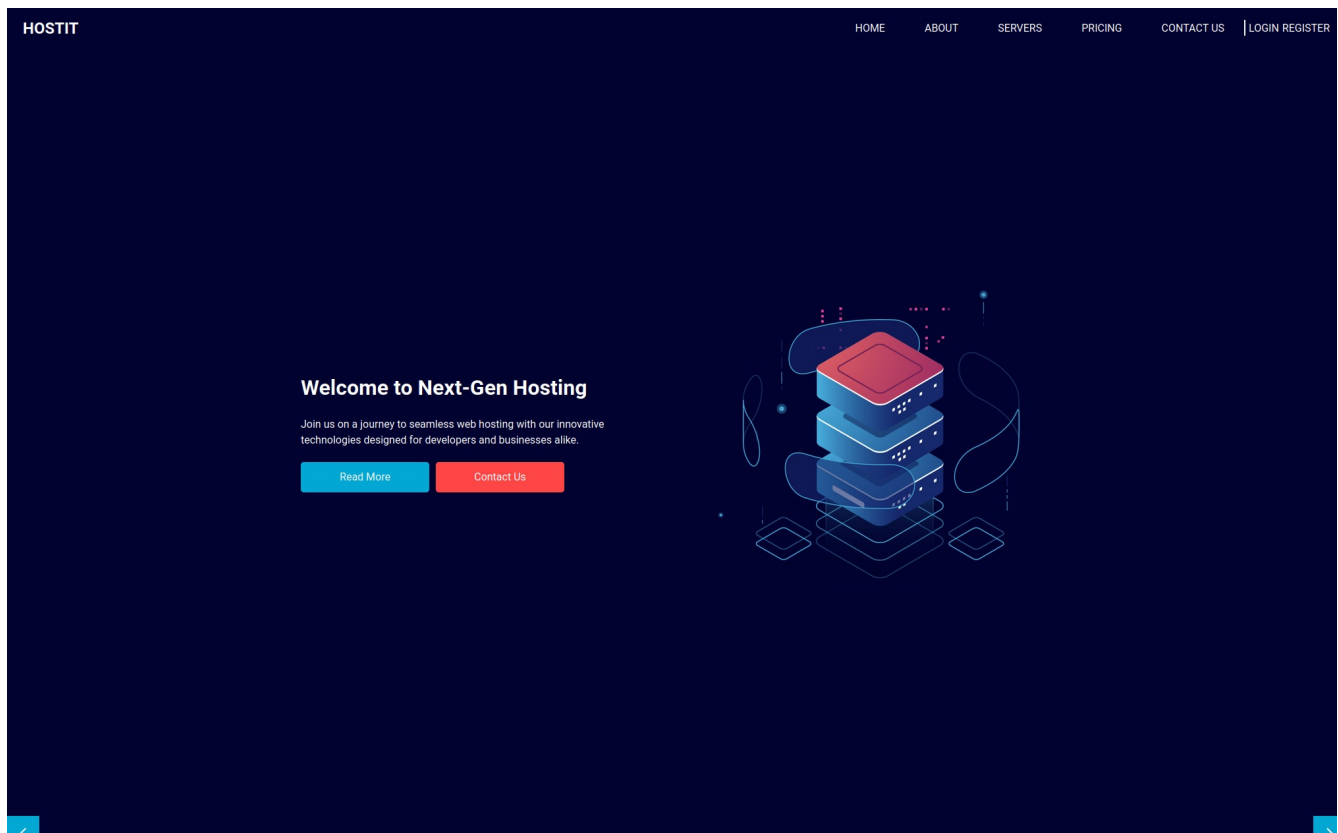
1.5 Linkovi za pristup projektu

Linkovi su:

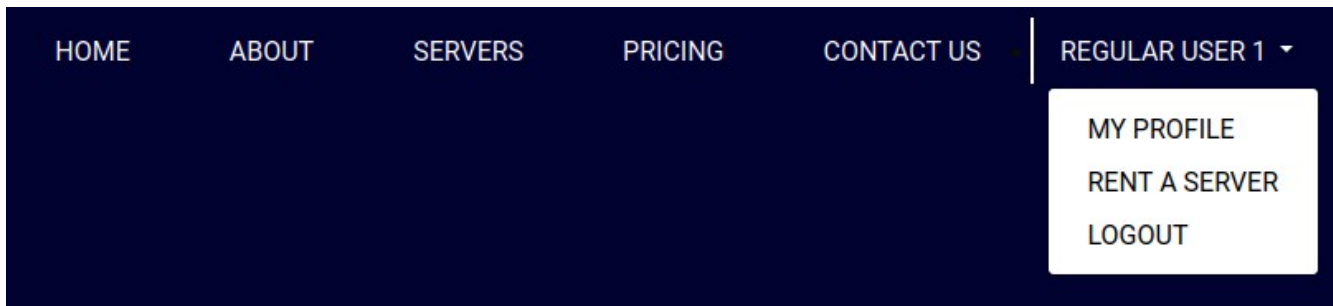
- localhost – aplikacija
- localhost:8093 – phpmyadmin
- localhost:8026 – mailhog (za mejling funkcionalnosti)

2. Slike sajta I opis funkcionalnosti po stranicama

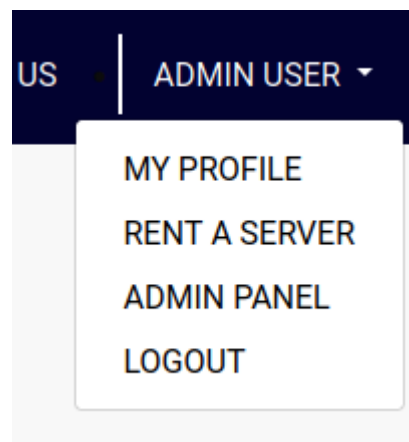
2.1 Index



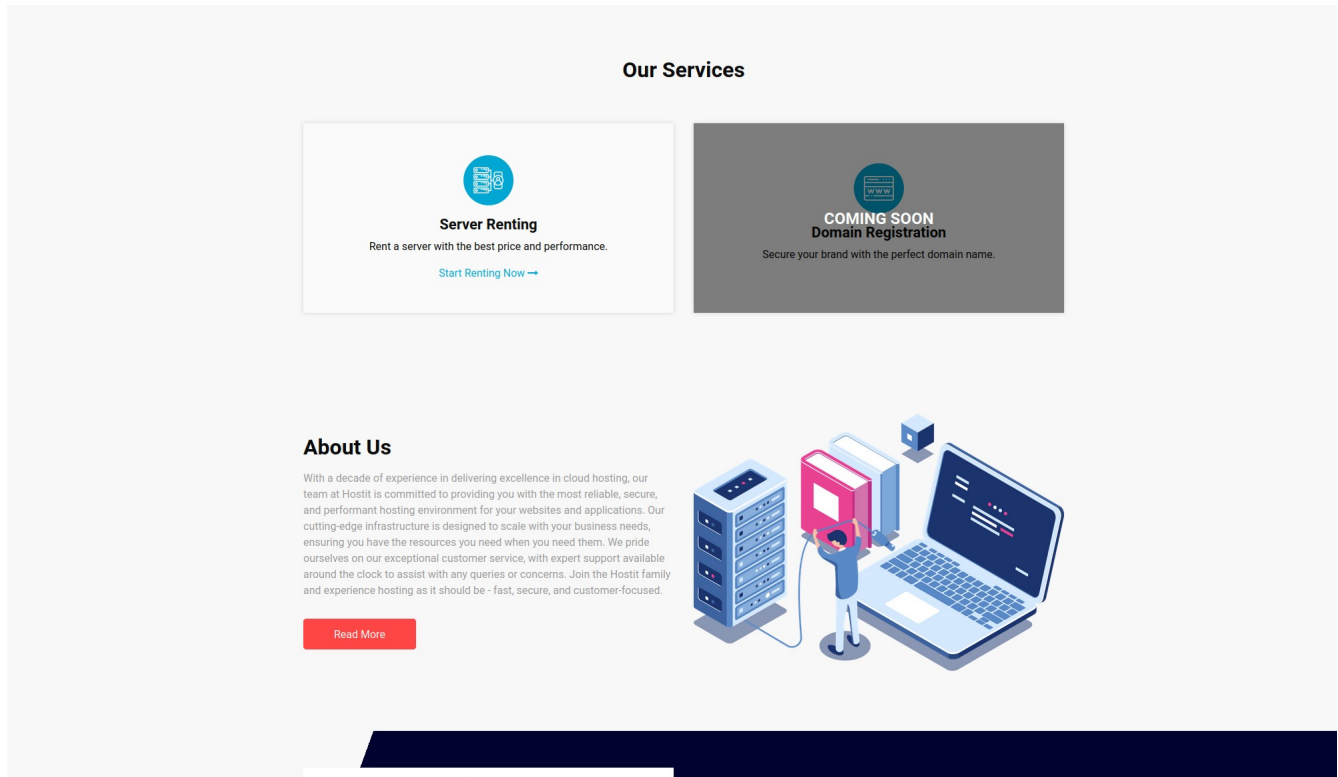
Prilikom ulaska na sajt, videce se dinamicki ispisan navigacioni meni kao i veliki slajder na sredini ekrana, svi linkovi vode na navedene stranice a login/register su uslovno renderovani, u zavisnosti da li je korisnik vec ulogovan ili ne. Ako nije, vidimo kao na prvoj slici. Ako jeste, vidimo kao na slici ispod:



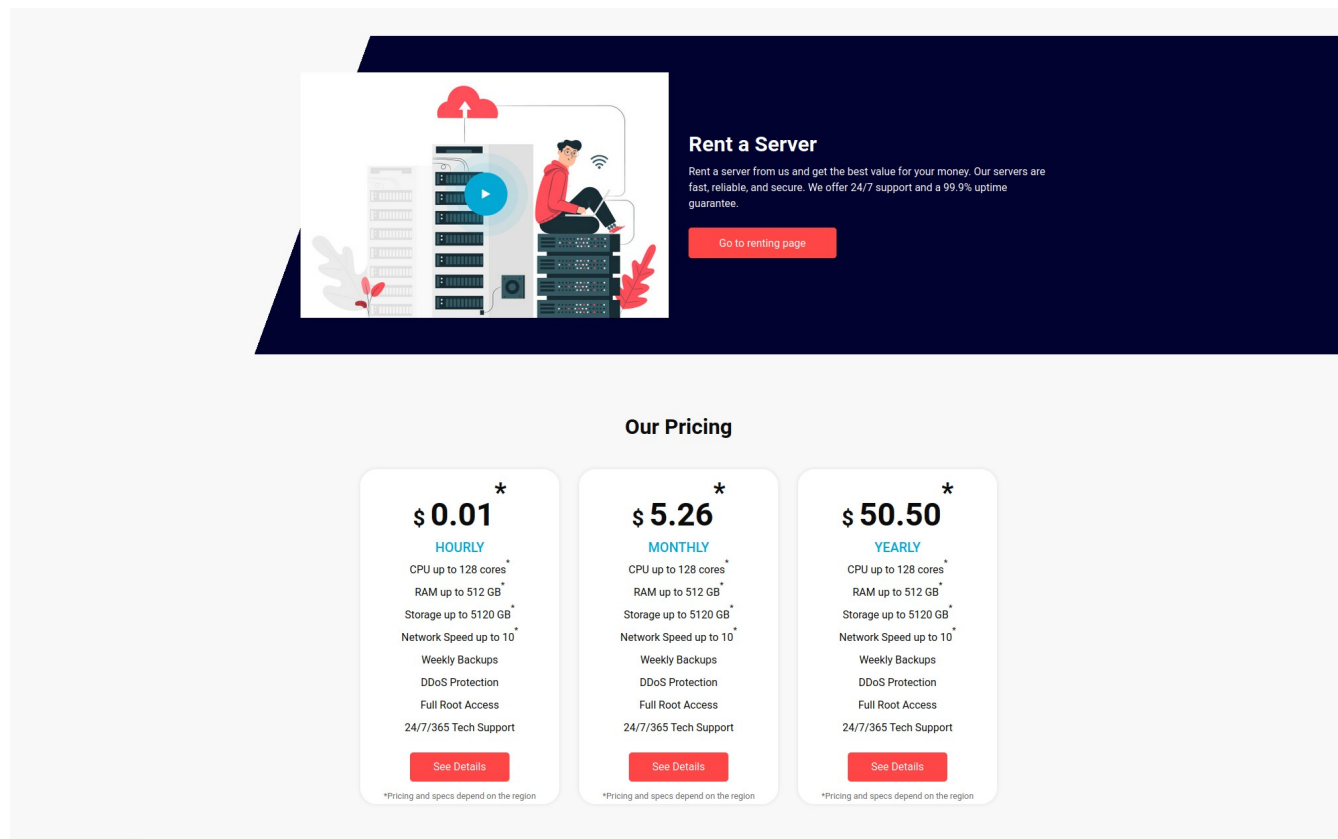
U slucaju da je ulogovani korisnik admin, pojavljuje se jos jedan link unutar select-a koji vodi na admin panel, odradjen uz pomoc filamenta:



Ispod prvog dela imamo deo na slici ispod:



Ovde imamo isto dinamicki ispisane usluge koje sajt pruza, trenutno ima samo rentiranje sajtova ali je u planu dodavanje I registracija I upravljanje domenima I rekordima. Link na bloku servera vodi na stranicu sa serverima. About dugme isto tako vodi na stranicu gde ima vise detalja o sajtu



Rent a Server

Rent a server from us and get the best value for your money. Our servers are fast, reliable, and secure. We offer 24/7 support and a 99.9% uptime guarantee.

[Go to renting page](#)

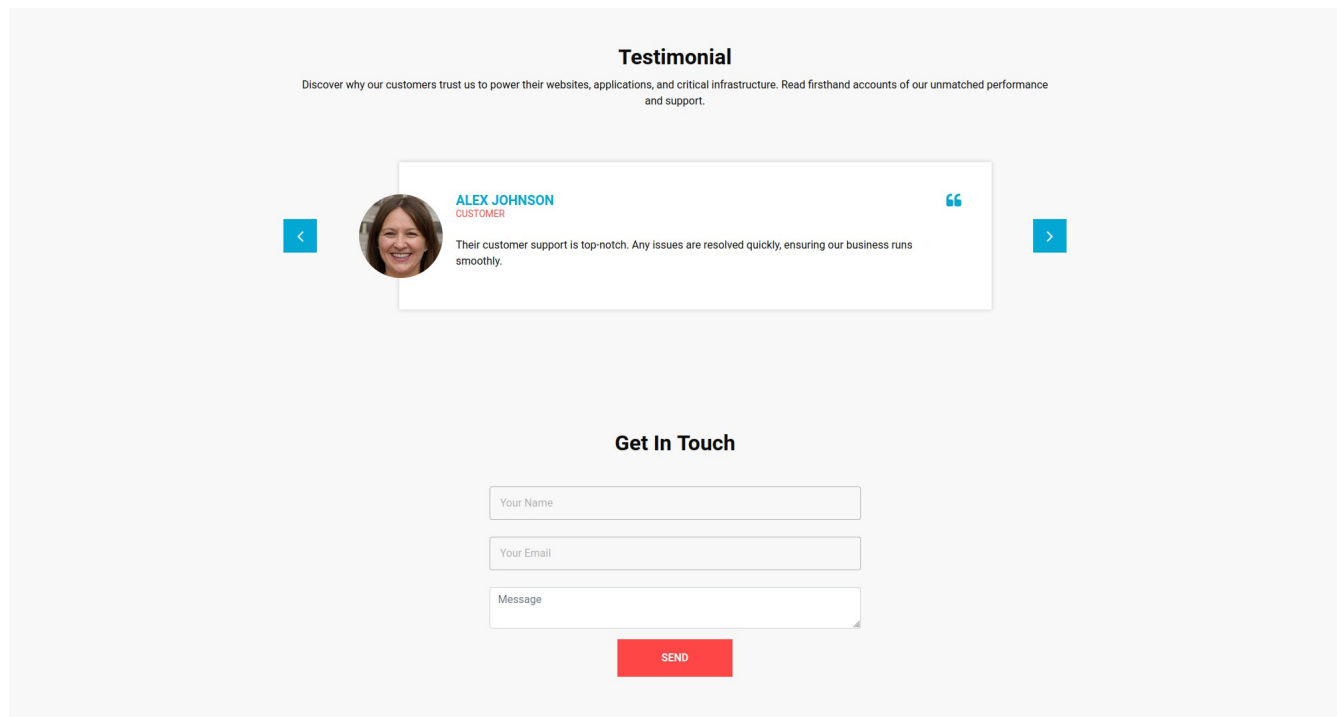
Our Pricing

\$0.01* HOURLY	\$5.26* MONTHLY	\$50.50* YEARLY
CPU up to 128 cores*	CPU up to 128 cores*	CPU up to 128 cores*
RAM up to 512 GB*	RAM up to 512 GB*	RAM up to 512 GB*
Storage up to 5120 GB*	Storage up to 5120 GB*	Storage up to 5120 GB*
Network Speed up to 10*	Network Speed up to 10*	Network Speed up to 10*
Weekly Backups	Weekly Backups	Weekly Backups
DDoS Protection	DDoS Protection	DDoS Protection
Full Root Access	Full Root Access	Full Root Access
24/7/365 Tech Support	24/7/365 Tech Support	24/7/365 Tech Support
See Details	See Details	See Details

*Pricing and specs depend on the region

Ovde, u gornjem delu slike imamo dugme koje, u zavisnosti da li je korisnik ulogovan I verifikovao svoj mejl, ili ne, vodi ili na stranicu za rentiranje servera, ili na login stranicu.

U donjem delu ove slike, imaju planovi rentiranja, tj cenovnik I sta sve dolazi u obzir, tj koje specifikacije servera. Linkovi vode na stranicu servera I njihovih cena



Ovde se nalaze, isto dinamički odštampane utiske musterija, uradjene u bootstrap carouselu, podaci se nalaze u bazi podataka, u tabeli **testimonials**

Ispod je mini forma za kontakt administratora, ista se i nalazi u stranici contact. Nakon uspešnog slanja, administrator će moći na svojoj stranici da vidi ove informacije i odgovorice, gde će se poruka poslati na prosledjeni mejl. Takođe, korisnik će biti rutiran na početnu stranicu nakon uspešnog slanja mejla.



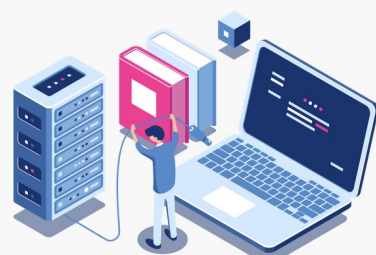
Ovde je footer sa dinamički odštampanim linkovima i stilom gde je crvene boje trenutno aktivan link. Takođe je tu mini forma za subskrajbovanje na mejling listu

2.2 About

About Hostit







At Hostit, we believe that web hosting is more than just providing web space and FTP access. Our mission is to provide individuals and businesses with everything they need to express themselves on the internet. Whatever you want to create a website for, be it a small family photo album or a full-powered database-driven site, your choice of host is essential. At Hostit, we provide dependable hosting services that offer you all the scalability, security, and support you need to build your presence online and share it with the world.

Our commitment to your success is evident in our round-the-clock customer support, an extensive knowledge base, and a vibrant community forum where you can share, learn, and grow. From enterprise-level corporations to individual developers, we provide hosting solutions tailored to meet your requirements. With Hostit, you can always expect reliable service, expert advice, and a hosting experience that helps you reach your objectives.



Global Presence

Our server locations span across the globe, ensuring high availability and performance.

 New York US East - Zone A	 San Francisco US West - Zone B	 London EU West - Zone C
 Frankfurt EU Central - Zone D	 Tokyo Asia East - Zone E	 Mumbai Asia South - Zone F

Ovo je prosta stranica gde ima vise informacija o sajtu. U donjem delu su dinamckci odstamppane lokacije sa sve njihovim slikama koje se cuvaju u `/storage/app/public/img/countries`

2.3 Pricing

Ovo je stranica koja ima iste

Our Pricing

<p>\$ 0.01*</p> <p>HOURLY</p> <p>CPU up to 128 cores*</p> <p>RAM up to 512 GB*</p> <p>Storage up to 5120 GB*</p> <p>Network Speed up to 10*</p> <p>Weekly Backups</p> <p>DDoS Protection</p> <p>Full Root Access</p> <p>24/7/365 Tech Support</p> <p>See Details</p> <p><small>*Pricing and specs depend on the region</small></p>	<p>\$ 5.26*</p> <p>MONTHLY</p> <p>CPU up to 128 cores*</p> <p>RAM up to 512 GB*</p> <p>Storage up to 5120 GB*</p> <p>Network Speed up to 10*</p> <p>Weekly Backups</p> <p>DDoS Protection</p> <p>Full Root Access</p> <p>24/7/365 Tech Support</p> <p>See Details</p> <p><small>*Pricing and specs depend on the region</small></p>	<p>\$ 50.50*</p> <p>YEARLY</p> <p>CPU up to 128 cores*</p> <p>RAM up to 512 GB*</p> <p>Storage up to 5120 GB*</p> <p>Network Speed up to 10*</p> <p>Weekly Backups</p> <p>DDoS Protection</p> <p>Full Root Access</p> <p>24/7/365 Tech Support</p> <p>See Details</p> <p><small>*Pricing and specs depend on the region</small></p>
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funkcionalnosti kao I pricing deo na index stranici

2.4 Contact

Get In Touch

SEND

Kao i na index-u ovo je stranica gde korisnik salje poruku koje admini mogu da vide. Postoji validacija i na kraju redirekcija na home stranicu sa porukom ako je uspesno poslata poruka

2.5 Servers

Select your preferred region

US East
Zone A - New York

US West
Zone B - San Francisco

EU West
Zone C - London

EU Central
Zone D - Frankfurt

Asia East
Zone E - Tokyo

Asia South
Zone F - Mumbai

Ovo je jedna od kompleksnijih stranica na sajtu. Ovde imamo informacije o svim lokacijama, njihovim serverima, i cenama tih servera. Klikom na jedno od ovih “collapse”-ova vidimo sledece:

US East

Zone A - New York



Starter

- CPU: 1 cores
- RAM: 2 GB
- Storage: 20 GB
- Network Speed: 1
- Weekly Backups
- DDoS Protection
- Full Root Access
- 24/7/365 Tech Support

Pricing Plans

Rent now

Basic

- CPU: 2 cores
- RAM: 4 GB
- Storage: 40 GB
- Network Speed: 1
- Weekly Backups
- DDoS Protection
- Full Root Access
- 24/7/365 Tech Support

Pricing Plans

Rent now

Intermediate

- CPU: 4 cores
- RAM: 8 GB
- Storage: 80 GB
- Network Speed: 2
- Weekly Backups
- DDoS Protection

Ovde imamo karakteristike svakog od ovih servera. Klikom na pricing plan vidimo sledece:

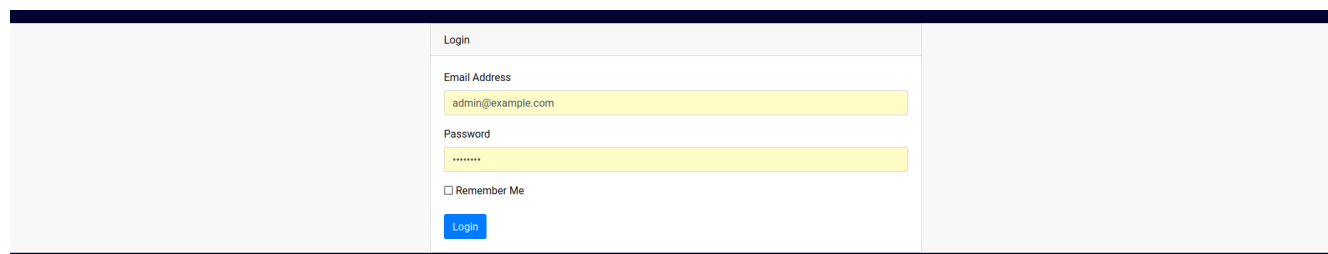
Pricing Plans
Hourly: \$0.01
Monthly: \$5.84 *
Yearly: \$56.06 *

* Paid upfront.

Ovde vidimo planove/cenovnik za ovaj server na ovoj lokaciji. Napravljeno je tako da je “hourly” plan najskuplji na duze staze a “yearly” najjeftiniji, s tim sto se yearly I monthly odmah placaju, a hourly na kraju meseca. Takodje, cene zavise I od lokacije, npr, u **Asia south** je isti server jeftiniji nego u **Europe West**

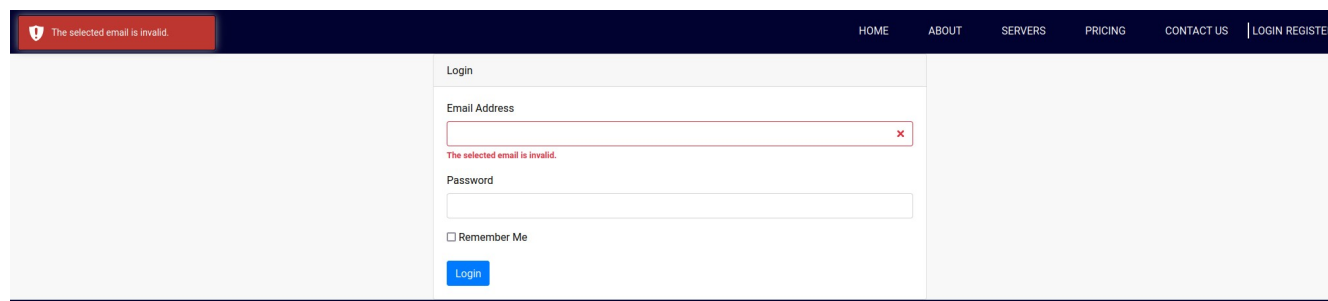
Klikom na link **Rent now** nas vodi ili na stranicu za rentiranje servera (uz to sto ce se automatski popuniti za taj server na koji smo kliknuli) ukoliko smo ulogovani I verifikovali mejl. U suprotnom ce nas rutirati na login stranicu, PA ONDA tek na tu gde smo prvobitno hteli, nakon uspesnog logovanja.

2.6 Login



The screenshot shows a login form on a website. The form is titled "Login" and contains two input fields: "Email Address" and "Password". The "Email Address" field is filled with "admin@example.com" and the "Password" field is filled with "*****". Below the password field is a checkbox labeled "Remember Me". A blue "Login" button is at the bottom of the form. The form is set against a light gray background with a dark blue header and footer.

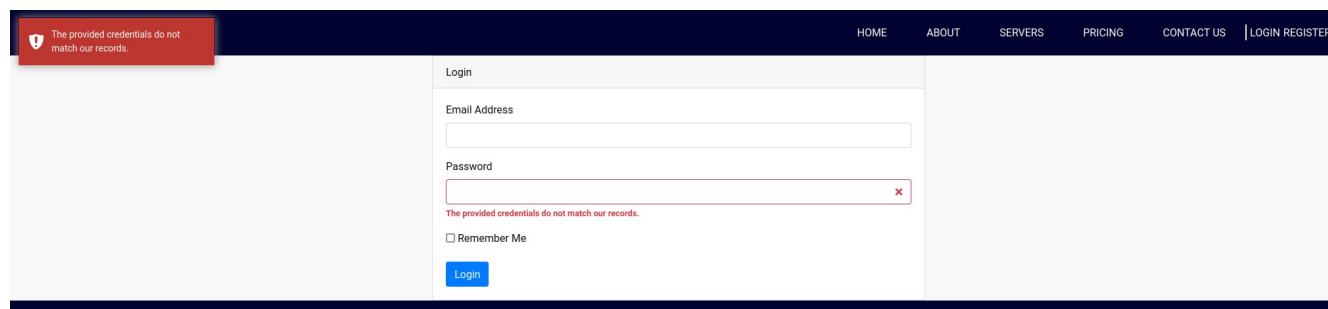
Ovo je jednostavna login stranica gde se zahteva mejl I sifra od korisnika. Ukoliko se pogresan ili nepostojeci mejl prosledi, 2 poruke izlaze, kao na slici ispod



The screenshot shows the same login form as above, but with an error message. At the top of the page, there is a red banner with a shield icon and the text "The selected email is invalid." The "Email Address" input field is now empty and has a red border with a red "x" icon on the right. Below the input field, the error message "The selected email is invalid." is displayed in red text. The "Password" field and the "Remember Me" checkbox remain the same. The blue "Login" button is still at the bottom. The dark blue header and footer are also present.

Takodje, cekiranjem “Remember Me” checkbox-a pamtimo sesiju korisnika, da ne mora ponovo da se loguje u buducnosti (osim ako se on logout-uje).

U slucaju korektnog mejla a pogresne sifre, vidimo rezultat ispod

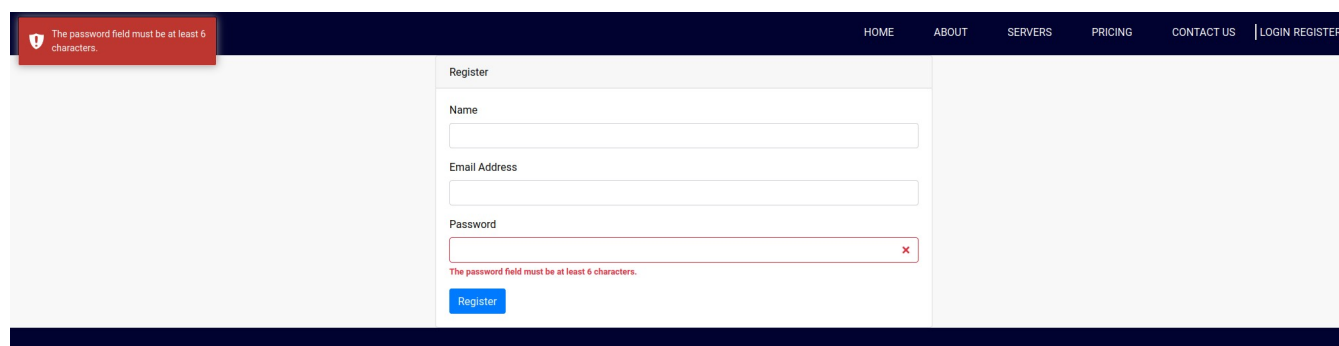


The screenshot shows a login form with the following elements:

- Header: HOME, ABOUT, SERVERS, PRICING, CONTACT US, LOGIN REGISTER
- Message: The provided credentials do not match our records.
- Form fields: Email Address, Password (with a red 'x' icon).
- Text: The provided credentials do not match our records.
- Checkbox: Remember Me
- Button: Login

Ako je sve u redu I uspesno se logujemo, po default-u cemo biti rutirani na profilnu stranicu sa porukom da smo se uspesno ulogovali. U slucaju da smo dosli sa stranice servera gde smo hteli da rentiramo odredjeni server, bicemo prosledjeni na tu stranicu. Nakon logout-ovanja, bicemo prosledjeni na pocetnu stranicu.

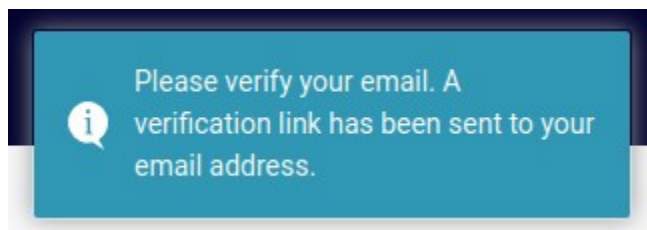
2.7 Register

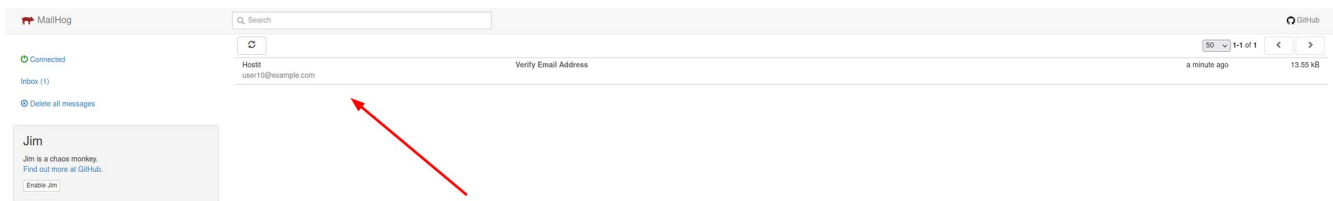


The screenshot shows a register form with the following elements:

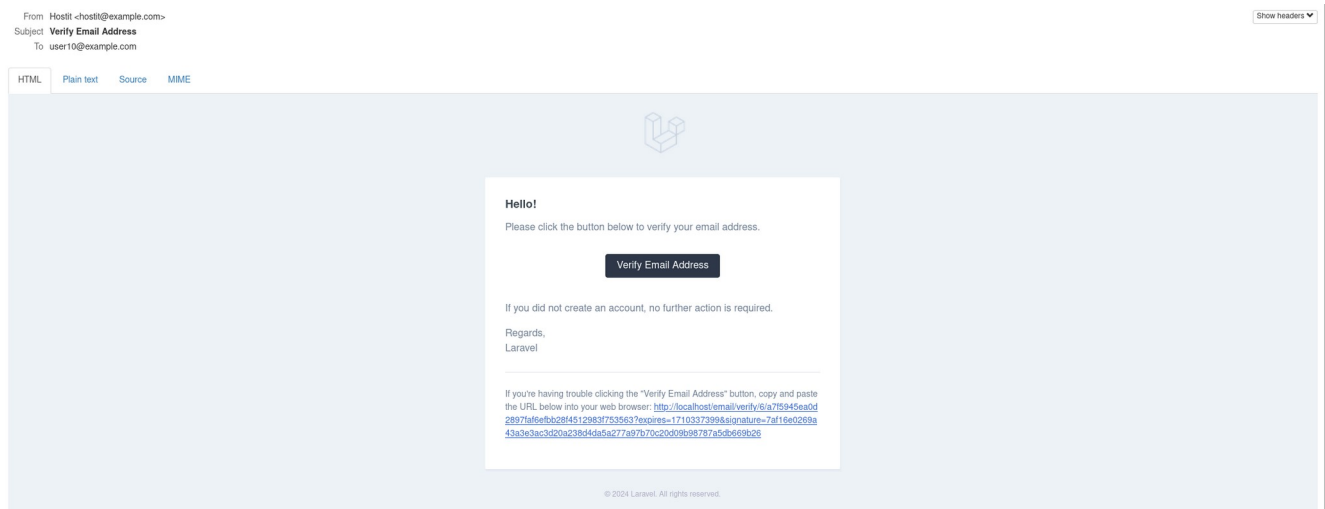
- Header: HOME, ABOUT, SERVERS, PRICING, CONTACT US, LOGIN REGISTER
- Message: The password field must be at least 6 characters.
- Form fields: Name, Email Address, Password (with a red 'x' icon).
- Text: The password field must be at least 6 characters.
- Button: Register

Ovde imamo jednostavnu formu za registraciju, imamo da ime mora imati barem 3 slova, email mora biti u formatu mejla, I ne sme da postoji vec u bazi, I imamo da sifra ima najmanje 6 slova, jedno veliko slovo, I 1 broj. Nakon uspesne registracije, bice javljeno da je poslat mejl nakon cega ce korisnik trebati da pristupi **localhost:8026** sto je mailhog konzola da verifikuje svoj mejl





Klikom na ovaj link imamo:



Na kraju, kada klikenmo “Verify Email Address”, bicemo prosledjeni na pocetnu stranicu sa porukom da je mejl uspesno verifikovan I bicemo automatski login-ovani

2.8 Server Renting