

UNIVERZITET U ZENICI
Politehnički fakultet u Zenici
Odsjek: Softversko inženjerstvo
Akademska godina: 2020/2021

DNEVNIK

stručne prakse

obavljene u firmi Commerce Care d.o.o. Zenica
u trajanju od 17.1.2022. do 11.2.2022. godine

Student: Adis Hodžić

Broj indeksa: 125

Mentor:

Kovač Berina

*Društvo za programiranje i digitalni marketing
Commerce Care d.o.o
Poslovna zona 1, Zmaja od Bosne bb
72000 Zenica*

POTVRDA

Kojom se potvrđuje da je student Adis Hodžić sa Politehničkog fakulteta u Zenici, odsjek Softversko inženjerstvo, obavio/la stručnu praksu u firmi Commerce Care d.o.o. Zenica.

Imenovani/na je u periodu od 17.1.2022. do 11.2.2022. godine boravila u prostorijama firme, obavljala sve date zadatke, te na kraju samostalno istraživala i rješavala zadatke.

Ova potvrda se izdaje u svrhu dokazivanja obavljene studentske prakse i u druge svrhe se ne može korisiti.

Zenica, 11.2.2022.godine

MENTOR
Kovač Berina

Osnovni podaci o firmi:

Osnivač i vlasnik firme je Husein Aškraba.

Firma se nalazi u Poslovnoj zoni 1, Zenica.

Firma se bavi pravljenjem eCommerce sistema. U firmi je atmosfera odlična i uvijek su svi jako otvoreni za razgovor o poslu. Svi radnici firme su visoko obrazovani i stručni za posao koji rade i svi su uvijek spremni pomoći oko bilo koje oblasti u programima kojim rade, a i šire.

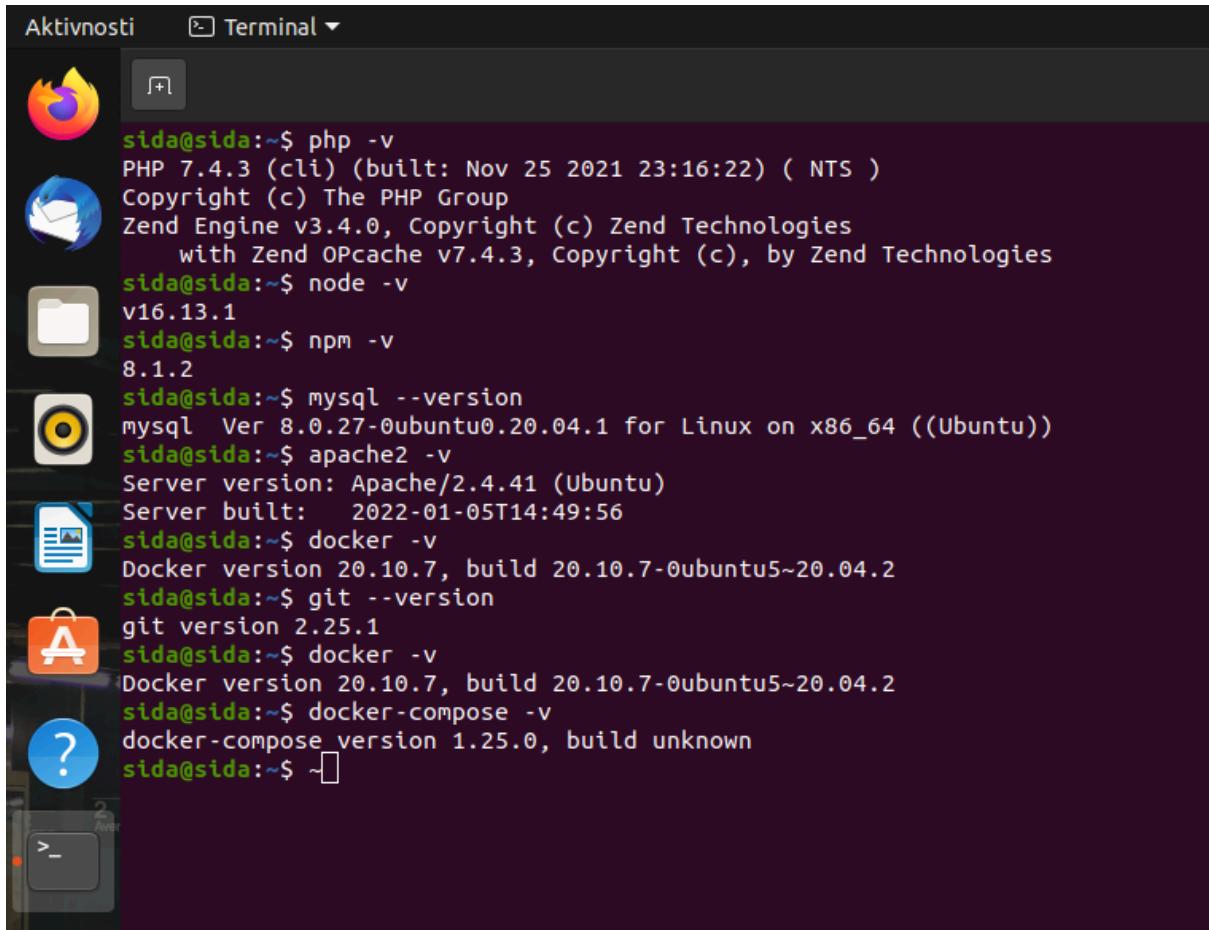
Posebnu pohvalu bih izrazila za našu mentoricu Berinu Kovač koja je pokazala izvanredno znanje u svim oblastima vezanim za Shopware 6, te odličnu sposobnost za prenošenje znanja na druge ljude.

U prilogu se nalaze web adrese za firmu Commerce Care:

- <https://www.commercecare.ai>
- <https://www.linkedin.com/company/commerce-care-d-o-o/>
- <https://www.facebook.com/commercecaredach/>
- <https://www.instagram.com/commerce.care/>

Datum	Vrijeme dolaska u firmu	Vrijeme odlaska iz firme
17.01.2022	9:00	16:00

Upoznavanje sa shopware 6 platformom i instalacija



```

Aktivnosti   □ Terminal ▾

sida@sida:~$ php -v
PHP 7.4.3 (cli) (built: Nov 25 2021 23:16:22) ( NTS )
Copyright (c) The PHP Group
Zend Engine v3.4.0, Copyright (c) Zend Technologies
    with Zend OPcache v7.4.3, Copyright (c), by Zend Technologies
sida@sida:~$ node -v
v16.13.1
sida@sida:~$ npm -v
8.1.2
sida@sida:~$ mysql --version
mysql Ver 8.0.27-0ubuntu0.20.04.1 for Linux on x86_64 ((Ubuntu))
sida@sida:~$ apache2 -v
Server version: Apache/2.4.41 (Ubuntu)
Server built:  2022-01-05T14:49:56
sida@sida:~$ docker -v
Docker version 20.10.7, build 20.10.7-0ubuntu5~20.04.2
sida@sida:~$ git --version
git version 2.25.1
sida@sida:~$ docker-compose -v
docker-compose version 1.25.0, build unknown
sida@sida:~$ ~

```

1. Potrebni paketi za instalaciju Shopware 6

Komande koje smo koristili za instalaciju ove aplikacije su:

- ❖ sudo apt install openssl php-common php-curl php-json php-mbstring php-mysql
php-xml php-zip
- ❖ sudo apt install php7.4-common php7.4-bcmath openssl php7.4-json php7.4-mbstring
- ❖ git clone <https://github.com/shopware/development.git>
- ❖ rm -rf platform
- ❖ git clone <https://github.com/shopware/platform.git>
- ❖ ./psh.phar docker:start
- ❖ ./psh.phar docker:ssh
- ❖ ./psh.phar install

```
Aktivnosti □ Terminal □ Jan 28 22:33
application@418cad97fe1b:~
```

Step 11/14 : RUN useradd -r -u \${USER_ID} -g \${GROUP_ID} appuser || true
--> Using cache
--> 9203c763a0f0
Step 12/14 : RUN sed -rI -e '\$!s!/VirtualHost *:80!/VirtualHost *:8000!g' /opt/docker/etc/httpd/vhost.conf && echo "Listen 8000" | tee -a /etc/apache2/ports.conf && curl -sL https://dl-ssl.google.com/linux/linux_signing_key.pub | apt-key add - && sh -c 'echo "deb [arch=amd64] http://dl.google.com/linux/chrome/deb/ stable main" >> /etc/apt/sources.list.d/google.list' && curl -sL https://deb.nodesource.com/setup_12.x | bash && curl -sL https://deb.debian.org/debian/stretch-backports/dists/stretch-backports/main/binary-amd64/pool/main/n/nodejs/nodejs_10.16.3-1~stretch_amd64.deb && dpkg -i nodejs_10.16.3-1~stretch_amd64.deb && curl -sL https://deb.debian.org/debian/stretch-backports/dists/stretch-backports/main/binary-amd64/pool/main/n/nodejs/nodejs_10.16.3-1~stretch_amd64.deb && apt-get install default-jdk && curl -sL https://deb.debian.org/debian/stretch-backports/dists/stretch-backports/main/binary-amd64/pool/main/n/nodejs/nodejs_10.16.3-1~stretch_amd64.deb && apt-get install libnotify-dev libgbm-dev liblouis2 liblouis3 liblxss0 libxtst0 xauth xvfb jq && npm install -g pcov && ln -s /app/psh.phar /bin/psh && pecl install pcov && docker-php-ext-enable pcov
--> Using cache
--> dffcc76bb754
Step 13/14 : COPY pho-config.ini /usr/local/etc/php/conf.d/99-docker.ini
--> Using cache
--> c0780b78a739
Step 14/14 : EXPOSE 8080:8080/app
--> Using cache
--> d311623db02f
Successfully built d311623db02f
Building development...
development_mariadb_1 is up-to-date
development_mailhog_1 is up-to-date
development_cypress_1 is up-to-date
development_elasticsearch_1 is up-to-date
development_supervisord_1 is up-to-date
development_adminer_1 is up-to-date

Duration: 2s
All commands successfully executed!

sidsagsida:~/development\$./psh.phar docker:ssh

SHOPWARE Developer Version

Using .psh.yaml.dist

Starting Execution of 'docker:ssh' ('/home/sida/development/dev-ops/docker/actions/ssh.sh')

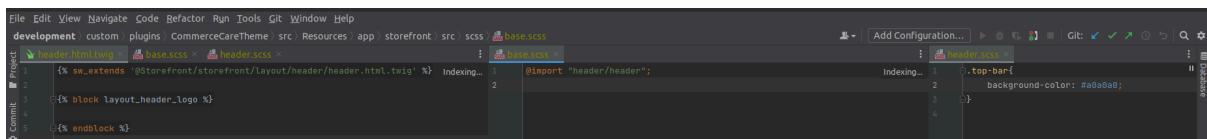
(1/1) Starting
> docker exec -t -e env COLUMNS='tput cols' --env LINES='tput lines' -u 1000:1000 -t 418cad97fe1b37134f135ea9e81e5188171e8dbfc9753d10a30087cfb9fb3 bash
application@418cad97fe1b:~\$

2. Pokrenuta aplikacija Shopware 6

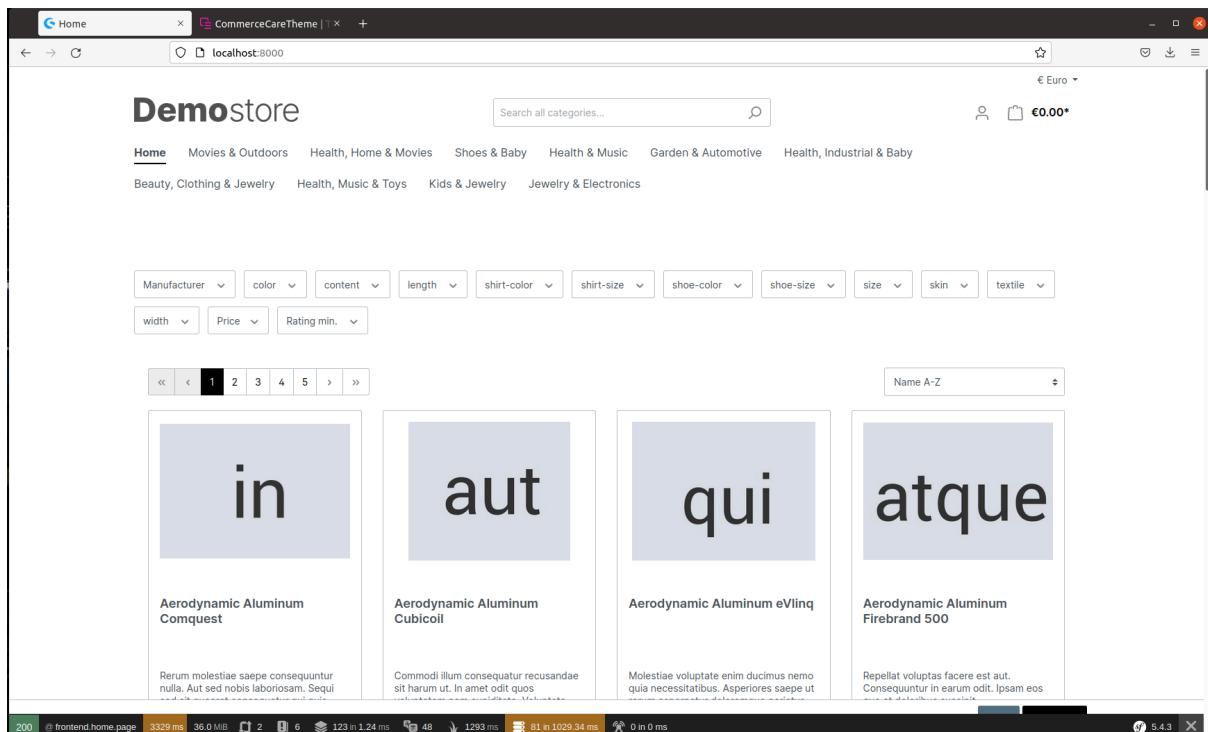
Datum	Vrijeme dolaska u firmu	Vrijeme odlaska iz firme
19.01.2022	9:00	16:00

Ekstenzije, Kreiranje teme

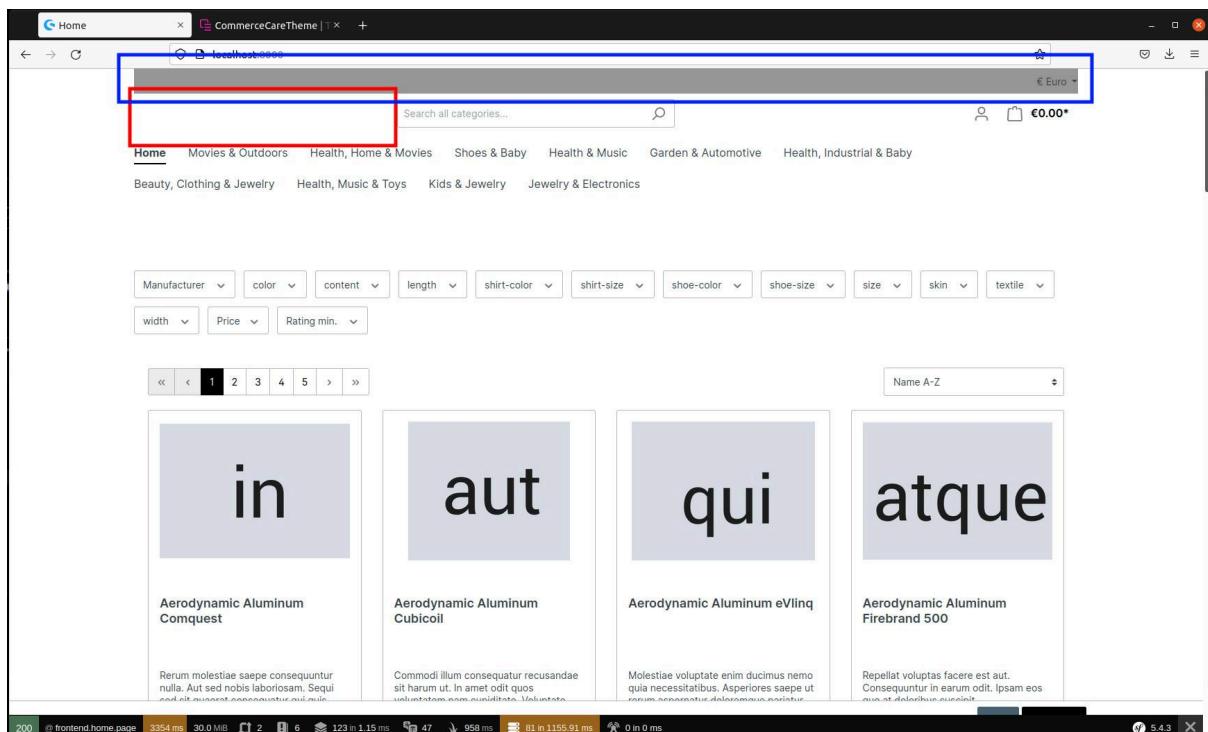
- ❖ Lista plugin-a => bin/console plugin:list
 - ❖ Kreiranje teme => bin/console theme:create ImeTeme
 - ❖ Refresh plugin-a => bin/console plugin:refresh
 - ❖ Aktiviranje teme => bin/console plugin:install ImeTeme --activate --clearCache
 - ❖ Promjena teme => bin/console theme:change
 - ❖ Čišćenje cache => bin/console cache:clear ili ./psh.phar cache
 - ❖ Komande za build => ./psh.phar storefront:build i ./psh.phar administration:build.
 - ❖ {%-sw_extends '@Storefront/storefront/layout/header/header.html.twig' %}
 - ❖ @import 'headers/header';



3. Dodatci u PHPStormu



4. Defaultna tema



5. Izmjene koje smo izvršili

Datum	Vrijeme dolaska u firmu	Vrijeme odlaska iz firme
21.01.2022	9:00	16:00

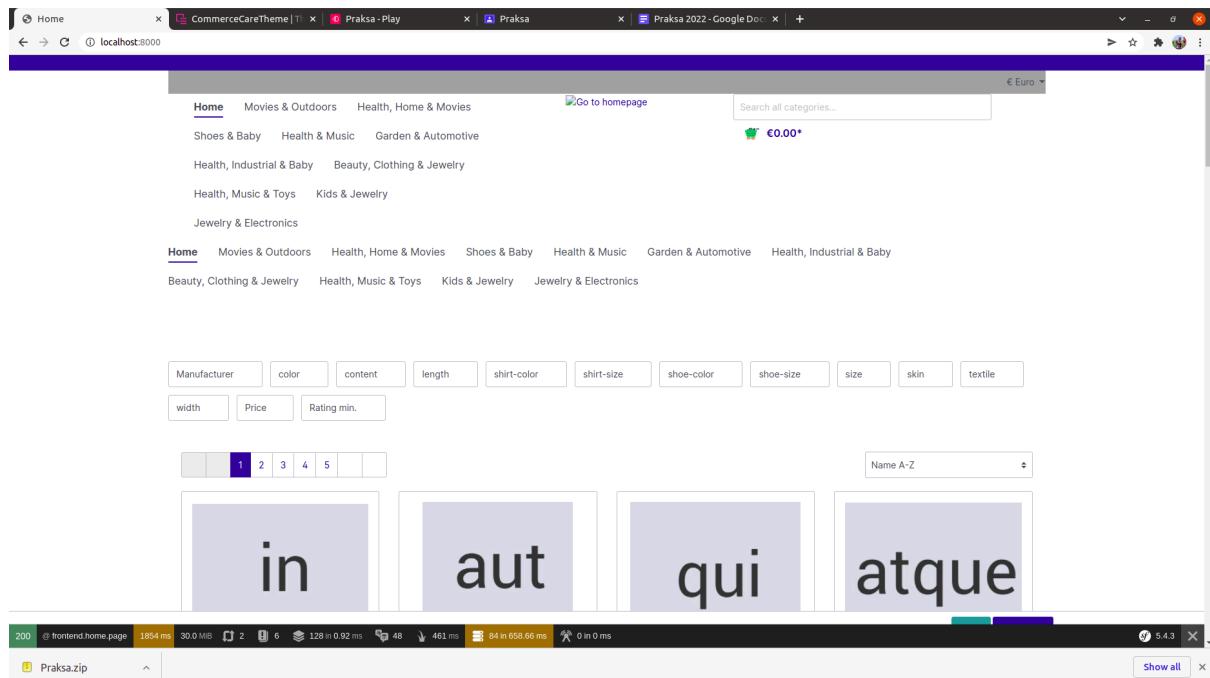
Konfiguracija teme - InVision

The screenshot shows the 'CommerceCareTheme' configuration page in the InVision admin interface. On the left is a sidebar with various navigation items like Dashboard, Catalogues, Orders, Customers, Content, Marketing, Extensions, and Settings. The main area has tabs for General, Colours, Typography, eCommerce, Media, Header, Footer, and Product box. Under the Header tab, there are two sections: 'Header-Topbar' containing a 'Top-bar' component, and 'Header-selection' containing a 'Select-Header' component with a dropdown menu showing 'Header 1' and 'Header 2'. A 'Save' button is visible at the top right.

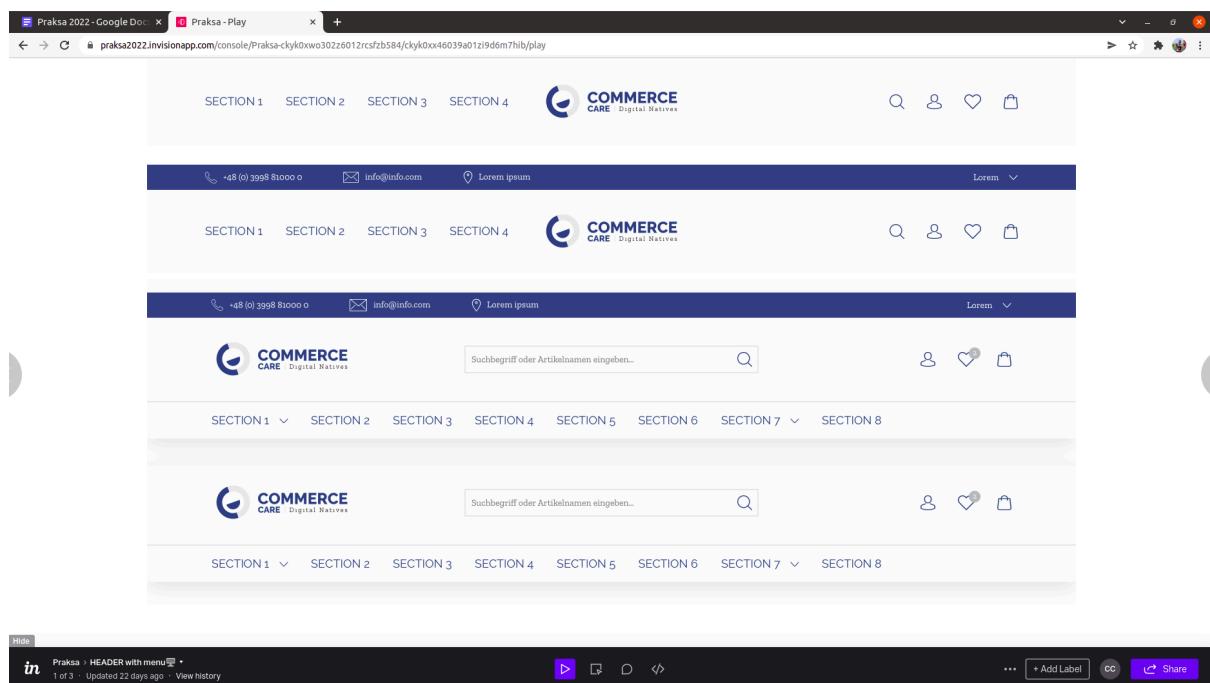
6. Tipovi headera

The screenshot shows the Praksa storefront. At the top, there's a navigation bar with links like Home, Movies & Outdoors, Health, Home & Movies, Shoes & Baby, Health & Music, Garden & Automotive, and Health, Industrial & Baby. Below the navigation is a search bar and a currency selector set to '€ Euro'. The main content area displays four products in a grid: 'in' (Aerodynamic Aluminum Comquest), 'aut' (Aerodynamic Aluminum Cubicoil), 'qui' (Aerodynamic Aluminum eVling), and 'atque' (Aerodynamic Aluminum Firebrand 500). Each product card includes a small image, the product name, and a brief description. The footer shows standard website footer information.

7. Header tip 1



8. Header tip 2



9. InVision Header

Datum	Vrijeme dolaska u firmu	Vrijeme odlaska iz firme
24.01.2022	9:00	16:00

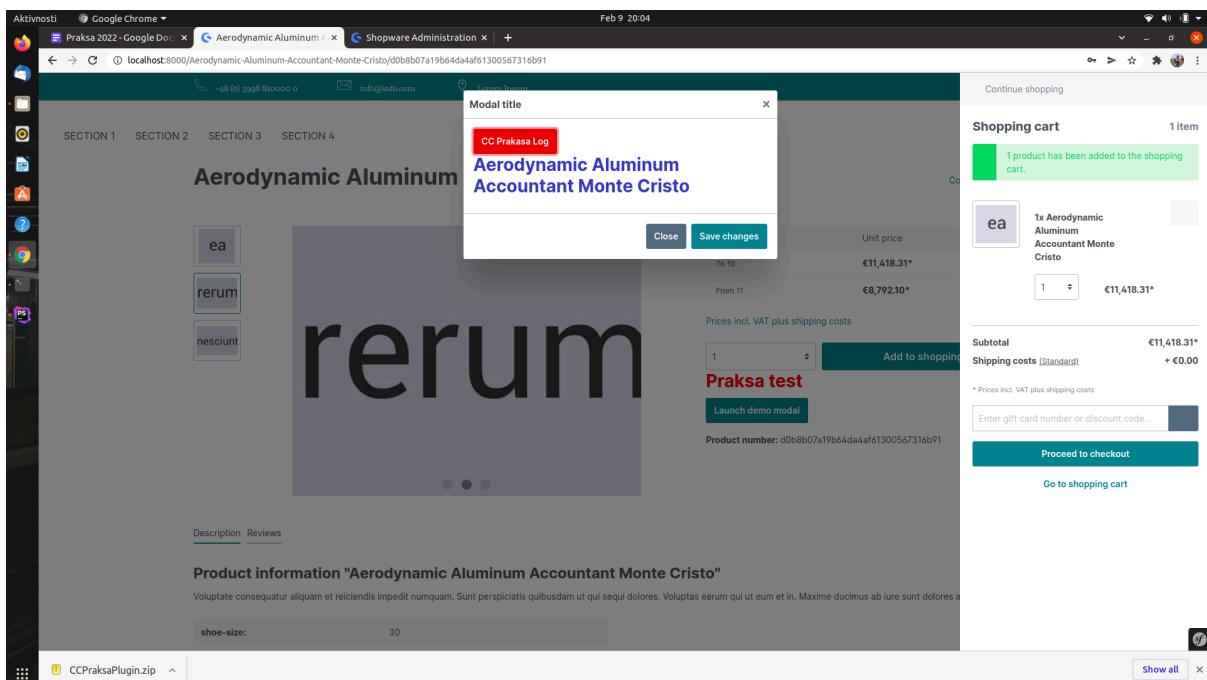
CSS/JS Bootstrap

The screenshot shows a web browser window with three tabs: 'Praksa 2022 - Google Doc', 'Aerodynamic Aluminum', and 'Shopware Administration'. The main content area displays a product page for 'Aerodynamic Aluminum Accountant Monte Cristo'. The product image features the word 'rerum' in a large, bold, sans-serif font. To the left of the image are three small squares containing the letters 'ea', 'rerum', and 'nesciant'. On the right side, there is a table for quantity and unit price, showing 'To 10' at €11,418.31* and 'From 11' at €8,792.10*. Below the table, a red button says 'Praksa test'. A modal window titled 'Praksa Log' is open, displaying the same product information. At the bottom of the page, there are tabs for 'Description' and 'Reviews', and a note about product number d0b8b07a19b64da4af61300567316b91.

10. Page 1

This screenshot shows the same web browser setup as the previous one. The product page for 'Aerodynamic Aluminum Accountant Monte Cristo' is visible, including the large 'rerum' image and the price table. A new modal window titled 'CC Praksa Log' is overlaid on the page. This modal also contains the product information and a red 'Praksa test' button. The overall layout is identical to the first screenshot, with the addition of the new modal window.

11. Page



12. Page 3

Datum	Vrijeme dolaska u firmu	Vrijeme odlaska iz firme
26.01.2022	9:00	16:00

Assets and custom icons

Aktivnosti

File Edit View Navigate Code Refactor Run Tools Git Window Help

development custom plugins CommerceCareTheme src Resources views storefront utilities icon.html.twig

development - icon.html.twig

header.html.twig

```
% sw_extends '@Storefront/storefront/Layout/Header/header.html.twig' %}
{block layout_header_logo %}

{endblock}
```

cart-widget.html.twig

```
% block layout_header_actions_cart_widget %
<span class="header-cart-icon">
  { sw_icon "shopping-cart" style {'pack':'custom-icon'} %}
  {if page.cart.lineItemsLength > 0}
    <span class="badge badge-primary header-cart-badge">{{ page.cart.lineItemsLength }}</span>
  {endif}
  <span class="header-cart-total">
    {{ page.cart.price.positionPrice|currency }}{{ "general.stats.transl|sanitize" }}
  </span>
{endblock}
```

icon.html.twig

```
{block utilities.icon %}
  { set styles = [ size, color, rotation, flip, class ] %}
  { if pack is not defined %}
    { set pack = 'default' %}
  {endif}

  { if namespace is not defined %}
    { set namespace = 'Storefront' %}
  {endif}

  { if pack == 'custom-icon' is defined %}
    <span class="icon icon-{{ pack }} icon-{{ pack }}-{{ name }}>
      { for entry in styles }
        { if entry != "" }
          icon-{{ entry }}{{ endif }}{{ endfor }}
        { source('!CommerceCareTheme!./app/storefront/dist/assets/icon/~ pack ~/~ name ~ '.svg', ignore_missing = true ) }
      </span>
    { else %}
      <span class="icon icon-{{ name }}>
        { for entry in styles }
          { if entry != "" }
            icon-{{ entry }}{{ endif }}{{ endfor }}
          { source('!~ namespace ~ !./app/storefront/dist/assets/icon/~ pack ~/~ name ~ '.svg', ignore_missing = true ) }
        </span>
    { endif }
  {endif}
```

Indexing...

Jan 29 01:28

Git: ✓

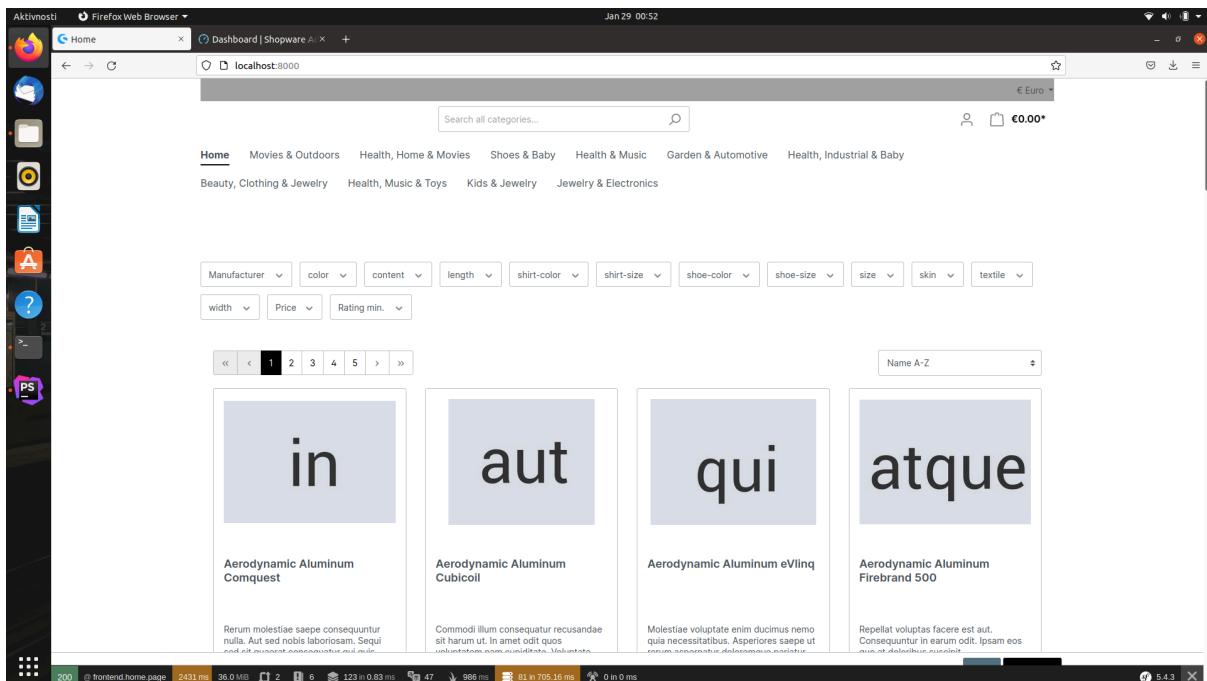
Stylelint is enabled: config file is in the project. // Disable Stylelint (yesterday 23:59)

Indexing...

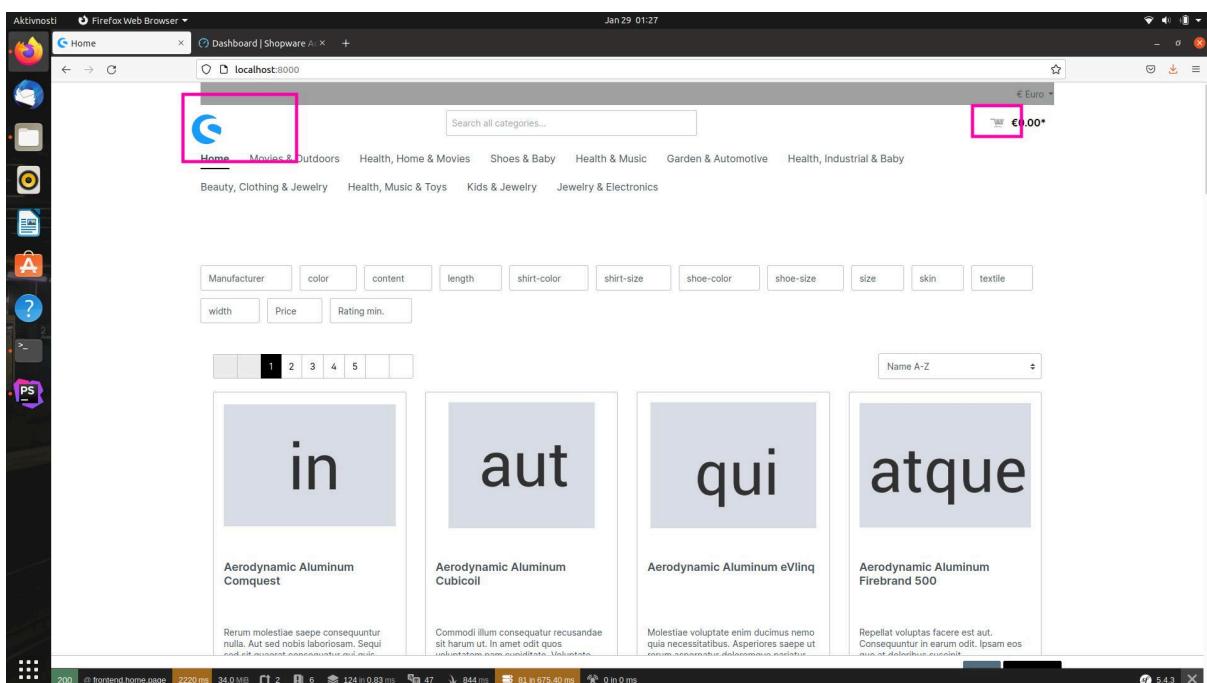
PHP: 7.4 3:1 LF UTE-8 4 spaces

Event Log

13. Dodatci u PHPStormu



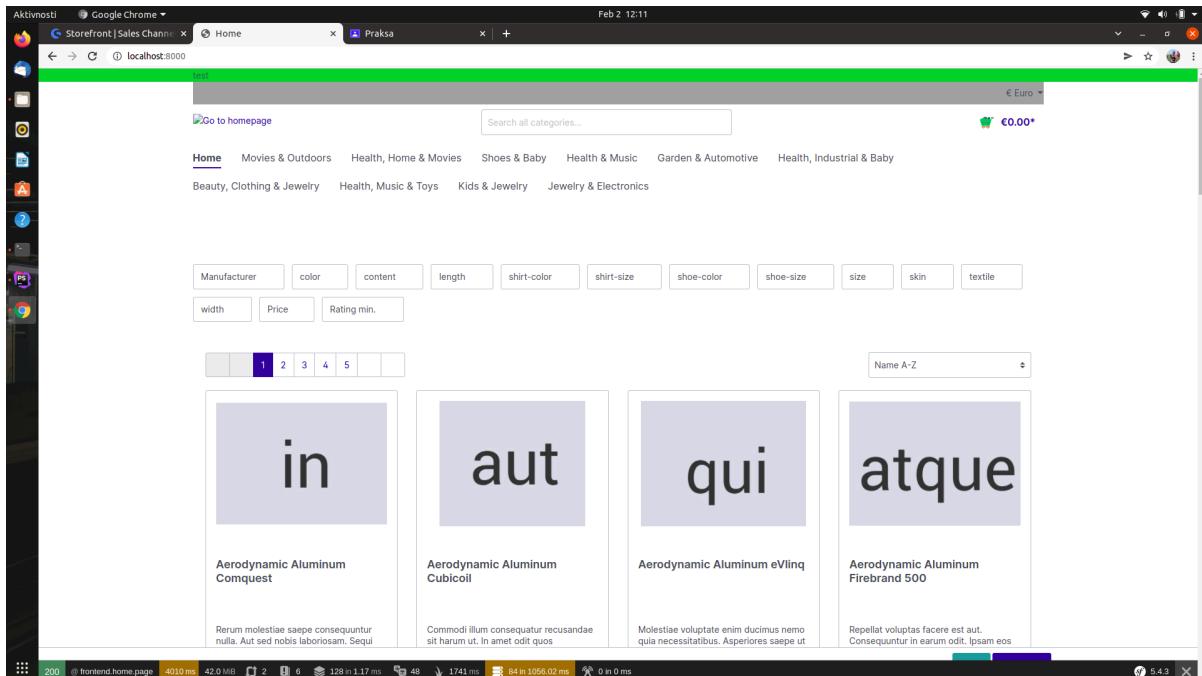
14. Defaultna stranica



15. Izmjene koje smo izvršili

Datum	Vrijeme dolaska u firmu	Vrijeme odlaska iz firme
28.01.2022	9:00	16:00

Konfiguracija CC teme - header - forma



16. Dodan top-bar

The screenshot shows a code editor with several tabs open: "header.scss", "base.scss", "base.html.twig", and "base.html". The "base.scss" tab is active, displaying SCSS code. The code imports "header/header" and defines a class ".topbar-cc" with a background color of "#23be2f".

```

1 @import "header/header";
2
3 .topbar-cc{
4   background-color: #23be2f;
5 }
6

```

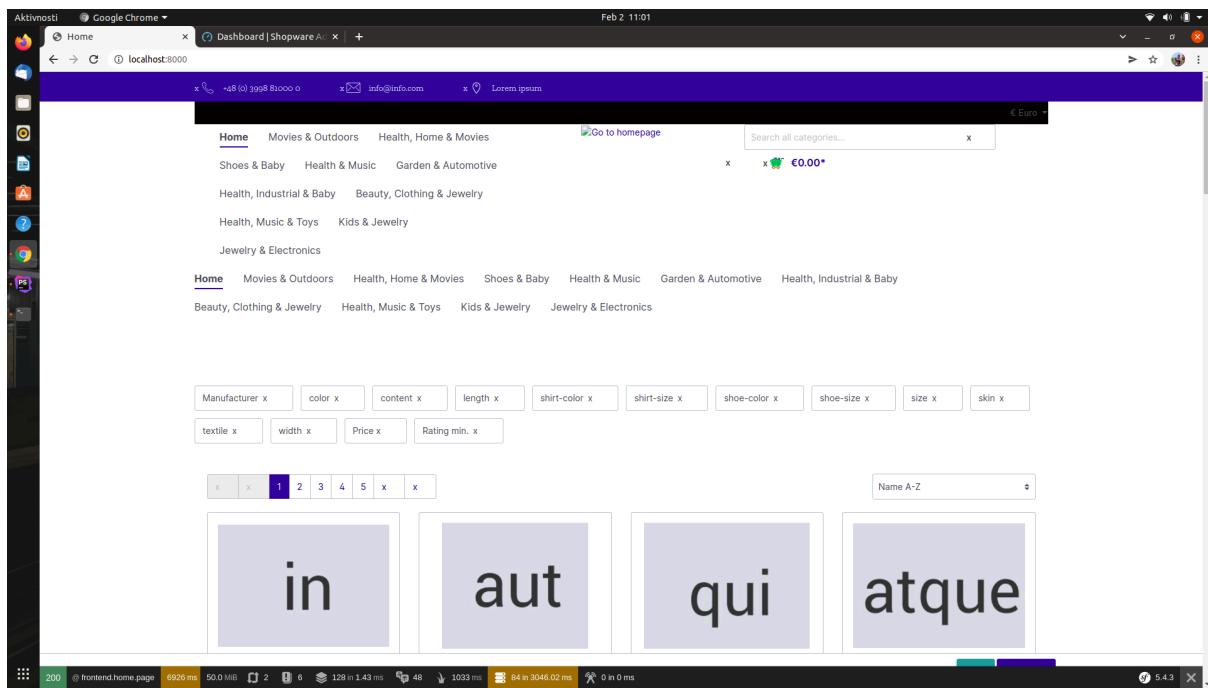
17. Base.scss fajl

```
base.html.twig
1  {% sw_extends '@Storefront/storefront/base.html.twig' %}
2
3  [% block base_header %]
4
5      <header class="header-main">
6          [% if theme_config('CC-header-top-bar') %]
7              <div class="topbar-cc">
8                  <div class="container">
9                      test
10                 </div>
11             </div>
12         [% endif %]
13
14         [% block base_header_inner %]
15             {{ parent() }}
16         [% endblock %]
17     </header>
18     [% endblock %]
19
20     [% block base_navigation %]
21         [% if theme.config('Select-Header') == "Header1"%]
22             [% else %]
23                 {{ parent() }}
24             [% endif %]
25     [% endblock %]
```

18. Base.html.twig fajl

Datum	Vrijeme dolaska u firmu	Vrijeme odlaska iz firme
31.01.2022	9:00	16:00

Konfiguracija CC teme - header stil



19. Izgled stranice nakon današnje prakse

```
base.html.twig
base.scss
icon.html.twig
header.html.twig

3   {% block base_header %}
4
5     <header class="header-main">
6       {% if theme_config('topbar-cc') %}
7         <div class="topbar-cc">
8           <div class="container d-flex justify-content-between">
9             <div class="topbar-content">
10               <span class="topbar-cc-text">
11                 {% sw_icon 'phone' style {'pack':'custom-icon'} %}
12                 +48 (0) 3998 81000 0
13               </span>
14
15               <span class="topbar-cc-text">
16                 {% sw_icon 'mail' style {'pack':'custom-icon'} %}
17                 info@info.com
18               </span>
19
20               <span class="topbar-cc-text">
21                 {% sw_icon 'map-placeholder' style {'pack':'custom-icon'} %}
22                 Lorem ipsum
23               </span>
24             </div>
25             <div class="topbar-service">
26               {% sw_include '@Storefront/storefront/layout/header/actions/service-menu-widget.html.twig' %}
27             </div>
28           </div>
29         </div>
30       {% endif %}
31
32       {% block base_header_inner %}
33         <div class="container">
34           {% sw_include '@Storefront/storefront/layout/header/header.html.twig' %}
35         </div>
36       {% endblock %}
37     </header>
38   {% endblock %}
39
40   {% block base_navigation %}
41     {% if theme.config('Select-Header') == "Header1" %}
42       <div>
```

20. Base.html.twig

```
base.html.twig
base.scss
icon.html.twig
header.html.twig

@import "header/header";
@import url('https://fonts.googleapis.com/css2?family=Zilla+Slab:wght@300&display=swap');

.topbar-cc{
  background-color: $sw-color-brand-primary;
  color: white;
  .icon {
    color:white;
    margin-right: 10px;
    height: 18px;
  }
  padding: 12px 0;
}

.topbar-cc-text{
  color: white;
  margin-right: 60px;
  font-size: 14px;
  line-height: 18px;
  font-family: "Zilla Slab";
}
```

21. Base.scss

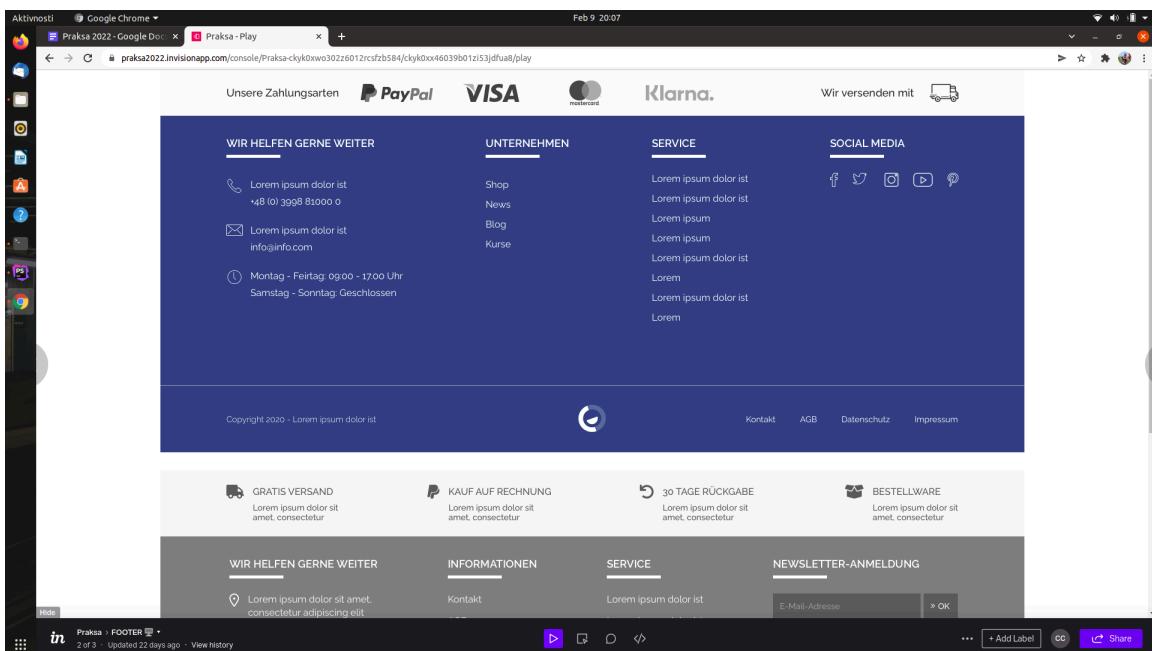
The screenshot shows the PhpStorm IDE interface with the following details:

- Project Structure:** The left sidebar displays the project structure under the "development" root. It includes folders for "custom", "build", "config", "apps", "plugins", and "CommerceCareTheme". Within "CommerceCareTheme", there are "src" and "views" directories, with "views" further divided into "storefront" and "header" sections.
- Code Editor:** The main editor area contains the content of the "header.html.twig" file. The code is a Twig template with several blocks and includes statements. A vertical navigation bar on the right side of the editor highlights specific sections of the code.
- Toolbars and Status Bar:** The top bar includes standard file operations like File, Edit, View, Navigate, Code, Refactor, Run, Tools, Git, Window, Help. The status bar at the bottom shows "Feb 2 11:11".
- SIDE BAR:** On the far left, there's a vertical sidebar with icons for "File", "Edit", "View", "Navigate", "Code", "Refactor", "Run", "Tools", "Git", "Window", "Help", "Project", "Commit", "Pull Requests", "File", "Edit", "View", "Navigate", "Code", "Refactor", "Run", "Tools", "Git", "Window", "Help", "Structure", "Bookmarks", and "Terminal".

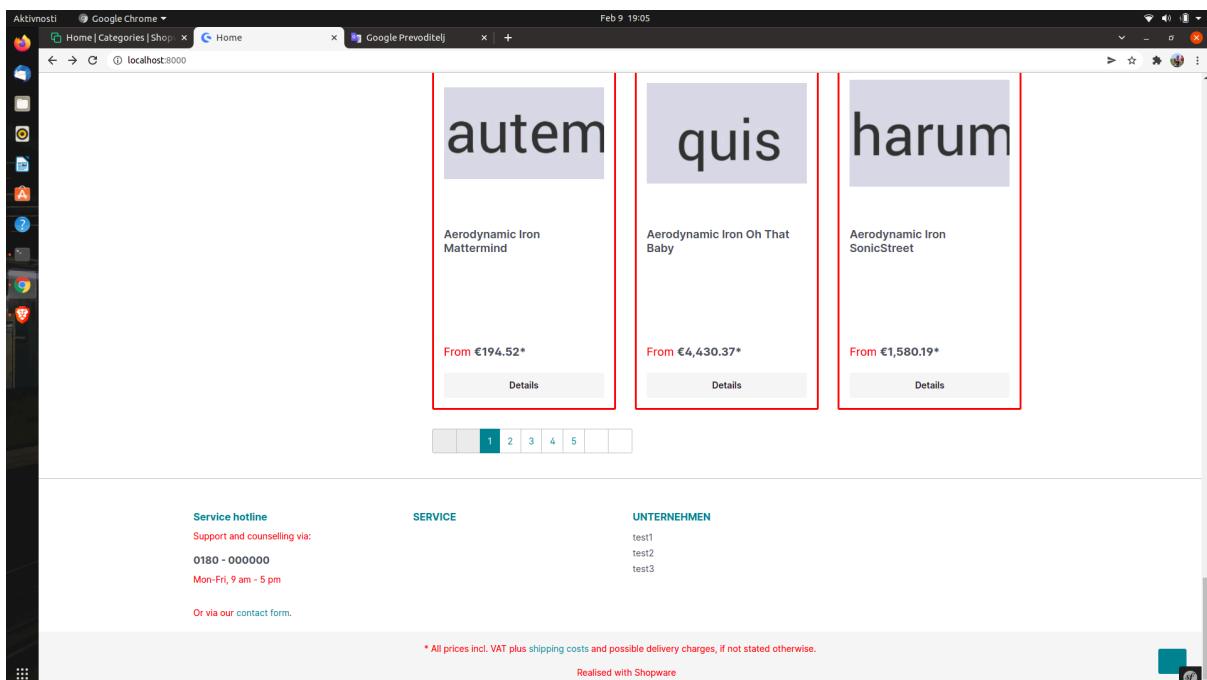
22. Header.html.twig

Datum	Vrijeme dolaska u firmu	Vrijeme odlaska iz firme
02.02.2022	9:00	16:00

Konfiguracija CC teme - footer forma



23. InVision Footer



24. Home Page

The screenshot shows the Shopware Administration page under the "Categories" tab. The left sidebar includes links for Dashboard, Catalogues, Orders, Customers, Content, Marketing, Extensions, Settings, Sales Channels, Headless, and Storefront. The main content area displays a hierarchical list of categories:

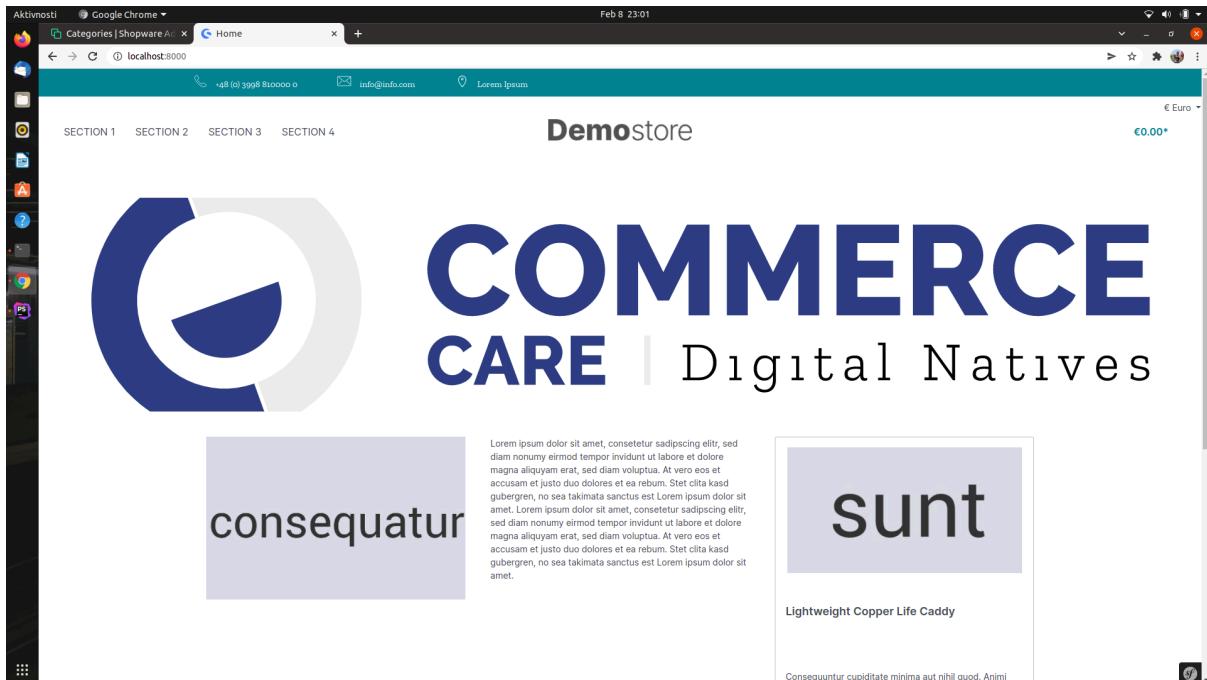
- Movies & Toys
- Sports & Outdoors
- Music & Grocery
- Music & Toys
- Kids & Tools
- Grocery & Garden
- Sports & Automotive
- Tools & Garden
- Industrial, Health & Books
- Kids, Beauty & Baby
- Footer
 - UNTERNEHMEN
 - SERVICE
- Lorem
 - Kontakt
 - AGB
 - Datenschutz
 - Impresum

A green circular icon with a gift box is present, and a message says "No category selected Manage categories here." The bottom navigation bar includes links for Landing pages, Admin, and Logout.

25. Administration page

Datum	Vrijeme dolaska u firmu	Vrijeme odlaska iz firme
07.02.2022	9:00	16:00

Shopping experiences



26. Home page

27. Administration page

Datum	Vrijeme dolaska u firmu	Vrijeme odlaska iz firme
09.02.2022	9:00	16:00

Listing page and products

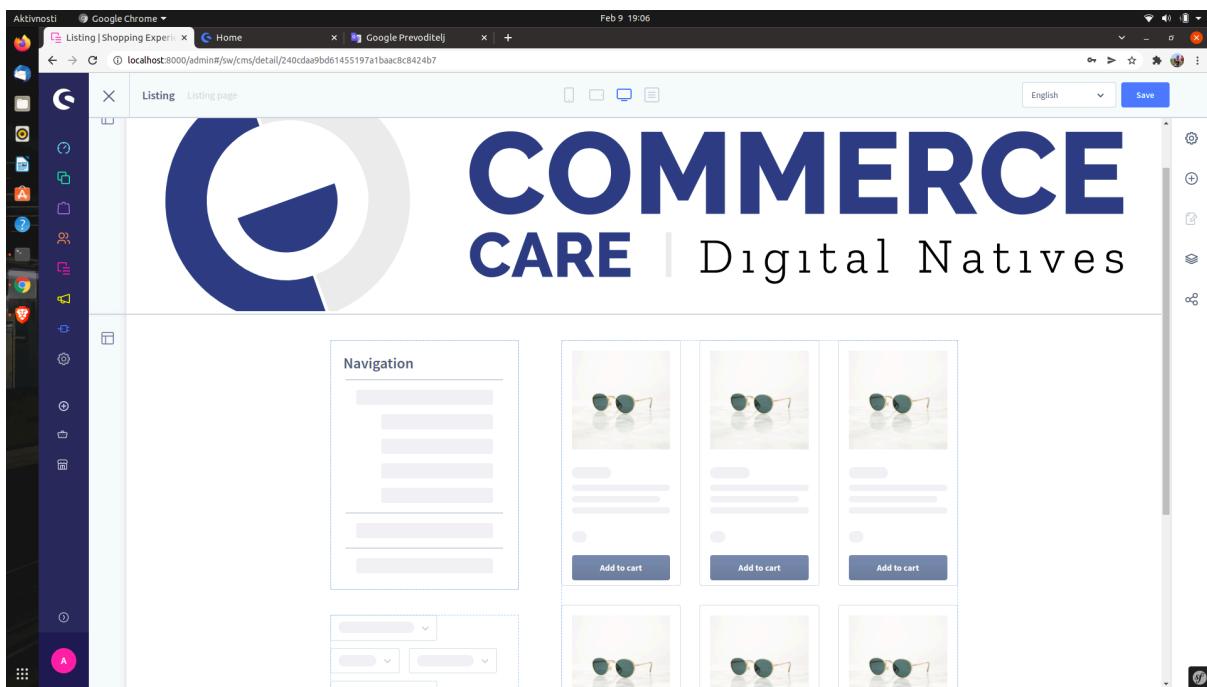
The screenshot shows a listing page for a digital natives store. On the left, there's a sidebar with sections like SECTION 1, SECTION 2, SECTION 3, SECTION 4, and a manufacturer dropdown menu containing fields for content, length, shirt-color, shirt-size, shoe-color, shoe-size, and size. The main content area features a large logo and the text "COMMERCE CARE | Digital Natives". Below this, a navigation bar shows pages 1 through 5. Three product cards are displayed, each with a red border:

- ea** Aerodynamic Aluminum Accountant Monte Cristo
From €8,792.10* Details Add to shopping cart
- ullam** Aerodynamic Aluminum Screen Bubbles
€731.81* Details Add to shopping cart
- explicabo** Aerodynamic Aluminum Tech Tap
From €13,358.21* Details Add to shopping cart

28. Home page

The screenshot shows the administration interface for the CommerceCare platform. On the left, there's a sidebar with various icons and a categories tree. The main content area is titled "Home" and includes tabs for General, Products, Layout (which is selected), and SEO. Under the Layout tab, there's a "Layout assignment" section showing a grid of items assigned to the "Listing" category. Below this, there's a "Layout section - Default" section with an "Image, full-sized" field containing a placeholder image of the CommerceCare logo. A "Display mode" dropdown is set to "Cover".

29. Administration page / Categories



30. Administration page

Datum	Vrijeme dolaska u firmu	Vrijeme odlaska iz firme
11.02.2022	9:00	16:00

Testiranje usvojenog znanja o Shopware 6