

DATABASE

MINI PROJECT

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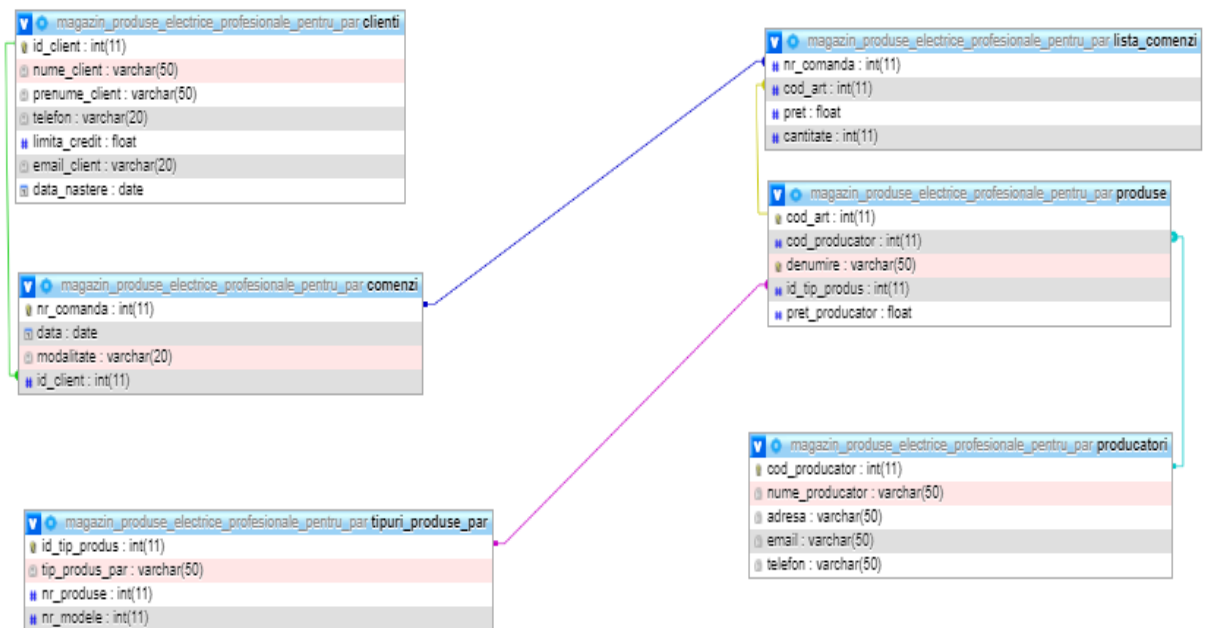
Chapter1. Details about database

1.1 Short description of project

The subject of mini project for database is Professional electrical products store for hair intended for electronic commerce. The Database contains six tables: Customers, Orders, Hair products types, Manufacturers, Products, Orders list. Customers table contains the columns customer_id, customer_surname, customer_name, phone, credit_limit, customer_email, date_of_birth. Orders table contains the columns order_number, date, payment method, customer_id. Hair products types table contains the columns product_type_id, products_number, models_numbers. Manufacturers table contains the columns manufacturer_code, manufacturer_name, address, email, phone. Orders list table contains order_number, article_code, price, amount. Products table contains article_code, manufacturer_code, name_of_product, product_type_id, manufacturer_price. This database is intended to retain data about customers (Customer table), contact details, order details (Order table and Orders list table), products and type of products available in online store and manufacturers from whom the products come.

The web page has an introductory part of connecting the user or administrator (roles with different rights for user and administrator respectively). The user can create an account using SIGN IN or LOG IN if it already has an account created, after this it can go on to the main page. In main page, the user has a menu, where it can update informations about customer(user), insert new informations about it, delete informations about it and to see informations about hair product types, manufacturers and products. The administrator can create an account using SIGN IN or LOG IN if it already has an account created, after this it can go on to the main page. In main page, the administrator has a menu, where it can update, insert or delete informations at all the tables from database and also it can see informations about all the tables.

1.2 Database diagram



1.2.1 Recursive relation

```

SELECT produs.cod_art,
       produs.denumire AS denumire,
       produs.id_tip_produc AS id_tip_produc,
       tipprod.cod_art AS tipprodid,
       tipprod.denumire AS tipprodden
FROM produse AS produs
JOIN produse AS tipprod ON produs.id_tip_produc=tipprod.cod_art
ORDER BY produs.cod_art

```

Showing rows 0 - 6 (7 total. Query took 0.0000 seconds) [cod_art: 1.. - 11..]

SELECT produs.cod_art, produs.denumire AS denumire, produs.id_tip_produc AS id_tip_produc, tipprod.cod_art AS tipprodid, tipprod.denumire AS tipprodden FROM produse AS produs JOIN produse AS tipprod ON produs.id_tip_produc=tipprod.cod_art ORDER BY produs.cod_art

cod_art	denumire	id_tip_produc	tipprodid	tipprodden
1	Philips I-Pro ST387E Slim 24 mm, Vw&Dry	2	2	Rowenta PRO-Ceramic Extra S5525.230 grade
2	Rowenta PRO-Ceramic Extra S5525.230 grade	2	2	Rowenta PRO-Ceramic Extra S5525.230 grade
3	Braun StyleCare BHH811/00	4	4	Remington StyleMix 2020CE
4	Remington StyleMix 2020CE	4	4	Remington StyleMix 2020CE
5	BaByliss Expert Protect D362E 2300 W	3	3	Braun StyleCare BHH811/00
6	PluieSoleil Professional Iron Technology	3	3	Braun StyleCare BHH811/00

1.3 Constraints

```

ALTER TABLE Produse
ADD CONSTRAINT nume_unique
UNIQUE (denumire)

```

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.3377 seconds.)

```

ALTER TABLE Produse ADD CONSTRAINT nume_unique UNIQUE (denumire)

```

```

ALTER TABLE Lista_comenzi

```

```
ADD CONSTRAINT c_pret_100
CHECK (pret>100)
```

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 1.2180 seconds.)

```
ALTER TABLE Lista_comenzi ADD CONSTRAINT c_pret_100 CHECK (pret>100)
```

[Edit inline] [Edit] [Create PHP code]

```
ALTER TABLE Comenzi
ADD CONSTRAINT c_modalitate
CHECK (modalitate IN ('card', 'ramburs'))
```

1.4 JOIN operation

```
SELECT p.denumire, f.num_e_producator, f.adresa, p.pret_producator
FROM producatori f join produse p on f.cod_producator=p.cod_producator
ORDER BY p.denumire
```

✓ Showing rows 0 - 6 (7 total, Query took 0.0010 seconds.) [denumire: BABYLISS EXPERT PROTECT D362E,2300 W... - ROWENTA PRO-CERAMIC EXTRA S5525,230 GRADE...]

```
SELECT p.denumire, f.num_e_producator, f.adresa, p.pret_producator FROM producatori f join produse p on f.cod_producator=p.cod_producator ORDER BY p.denumire
```

denumire	num_e_producator	adresa	pret_producator
BaByliss Expert Protect D362E,2300 W	BaByliss	Str.Mario Rossi	500
Braun StyleCare BHH811/00	Braun	Str.One Retail GmbH	145
Perie rotativa BaByliss	PluieSoleil	Str. Rue Basse 1	213.99
Philips I-Pro ST387E,Slim 24 mm, Wwt&Dry	Philips	Str.Jan Pieter Heijestraat	329.99
PluieSoleil Professional Iron Technology	PluieSoleil	Str. Rue Basse 1	100.79
Remington StyleMix 2020CE	Remington	Str.Middleton	300.79
Rowenta PRO-Ceramic Extra S5525,230 grade	Rowenta	Str.Erbach in Odenwald	109.99

1.5 Aggregate functions

```
SELECT count(cod_art) AS denumire
FROM produse
```

✓ Showing rows 0 - 0 (1 total, Query took 0.0005 seconds.)

```
SELECT count(cod_art) AS denumire FROM produse
```

denumire

7

```
SELECT AVG(limita_credit) AS Average
FROM clienti
```

✓ Showing rows 0 - 0 (1 total, Query took 0.0005 seconds.)

```
SELECT AVG(limita_credit) AS Average FROM clienti
```

Average

375.0750020345052

1.6 SELECT within SELECT

```
SELECT nume_client, limita_credit
FROM clienti
WHERE limita_credit IN(SELECT limita_credit FROM clienti WHERE nume_client IN('Ignat',
'Cernat'))
ORDER BY nume_client
```

✓ Showing rows 0 - 1 (2 total, Query took 0.0011 seconds.) [nume_client: CERNAT... - IGNAT...]

```
SELECT nume_client, limita_credit FROM clienti WHERE limita_credit IN(SELECT limita_credit FROM clienti WHERE nume_client IN('Ignat', 'Cernat')) ORDER BY nume_client
```

	nume_client	limita_credit
Edit Copy Delete	Cernat	800
Edit Copy Delete	Ignat	400.45

1.7 NULL

```
SELECT nume_producator, cod_producator, email, telefon
FROM producatori
WHERE adresa is NULL
```

✓ Showing rows 0 - 0 (1 total, Query took 0.0006 seconds.)

```
SELECT nume_producator, cod_producator, email, telefon FROM producatori WHERE adresa is NULL
```

nume_producator	cod_producator	email	telefon
Jessica	10	jessi@gmail.com	0752222222

```
SELECT nume_producator, cod_producator
FROM producatori
WHERE email is NULL
```

✓ Showing rows 0 - 2 (3 total, Query took 0.0006 seconds.)

```
SELECT nume_producator, cod_producator FROM producatori WHERE email is NULL
```

nume_producator	cod_producator
Dyson	7
Estel	8
Simonsen	9

```
SELECT nume_producator, cod_producator
FROM producatori
WHERE telefon is NULL
```

✓ Showing rows 0 - 2 (3 total, Query took 0.0006 seconds.)

```
SELECT nume_producator, cod_producator FROM producatori WHERE telefon is NULL
```

nume_producator	cod_producator
Dyson	7
Estel	8
Simonsen	9

1.8 Self JOIN

```
SELECT produs.cod_art,
produs.denumire,
produs.id_tip_produs,
tip_prod.denumire as numeprod
FROM produse produs
JOIN produse tip_prod ON produs.id_tip_produs=tip_prod.cod_art
```

✓ Showing rows 0 - 6 (7 total, Query took 0.0006 seconds.)

```
SELECT produs.cod_art, produs.denumire, produs.id_tip_produs, tip_prod.denumire as numeprod FROM produse produs JOIN produse tip_prod ON
produs.id_tip_produs=tip_prod.cod_art
```

cod_art	denumire	id_tip_produs	numeprod
1	Philips I-Pro ST387E, Slim 24 mm, Wwt&Dry	2	Rowenta PRO-Ceramic Extra S5525,230 grade
2	Rowenta PRO-Ceramic Extra S5525,230 grade	2	Rowenta PRO-Ceramic Extra S5525,230 grade
3	Braun StyleCare BHH811/00	4	Remington StyleMix 2020CE
4	Remington StyleMix 2020CE	4	Remington StyleMix 2020CE
5	BaByliss Expert Protect D362E,2300 W	3	Braun StyleCare BHH811/00
6	PluieSoleil Professional Iron Technology	3	Braun StyleCare BHH811/00
11	Perie rotativa BaByliss	5	BaByliss Expert Protect D362E,2300 W

1.9 SQL Statements

1.9.1 INSERT

```
INSERT INTO `clienti`(`id_client`, `nume_client`, `prenume_client`, `telefon`,
`limita_credit`, `email_client`, `data_nastere`)
VALUES ('6','Jurca','Cristina','0783489799','800','j.cristina@gmail.com','1987-12-03')
```

✓ 1 row inserted. (Query took 0.1080 seconds.)

```
INSERT INTO `clienti`(`id_client`, `nume_client`, `prenume_client`, `telefon`, `limita_credit`, `email_client`, `data_nastere`) VALUES
('6','Jurca','Cristina','0783489799','800','j.cristina@gmail.com','1987-12-03')
```

```
INSERT INTO `clienti`(`id_client`, `nume_client`, `prenume_client`, `telefon`,
`limita_credit`, `email_client`, `data_nastere`)
VALUES ('7','Leonida','Tudor','0783483443','700','tleonida@gmail.com','1992-11-07')
```

✓ 1 row inserted. (Query took 0.0482 seconds.)

```
INSERT INTO `clienti`(`id_client`, `nume_client`, `prenume_client`, `telefon`, `limita_credit`, `email_client`, `data_nastere`) VALUES
('7','Leonida','Tudor','0783483443','700','tleonida@gmail.com','1992-11-07')
```

```
INSERT INTO `clienti`(`id_client`, `nume_client`, `prenume_client`, `telefon`,
`limita_credit`, `email_client`, `data_nastere`)
VALUES ('8','Stroia','Nicoleta','0784498753','900','nstroia@gmail.com','1987-02-04')
```

✓ 1 row inserted. (Query took 0.1112 seconds.)

```
INSERT INTO `clienti`(`id_client`, `nume_client`, `prenume_client`, `telefon`, `limita_credit`, `email_client`, `data_nastere`) VALUES
('8','Stroia','Nicoleta','0784498753','900','nstroia@gmail.com','1987-02-04')
```


Options

				id_client	nume_client	prenume_client	telefon	limita_credit	email_client	data_nastere
<input type="checkbox"/>	Edit	Copy	Delete	1	Acu	Lia	0783379713	200	aciu.lia@gmail.com	1985-06-09
<input type="checkbox"/>	Edit	Copy	Delete	2	Badea	Iris	0783423123	300	badea.iris@gmail.com	1990-02-01
<input type="checkbox"/>	Edit	Copy	Delete	3	Barna	Maria	0783483659	50	m.barna@gmail.com	1991-05-09
<input type="checkbox"/>	Edit	Copy	Delete	4	Cernat	Mihai	0738489743	800	m.cernat@gmail.com	1997-05-04
<input type="checkbox"/>	Edit	Copy	Delete	5	Ignat	Virginia	0777583743	400.45	v.ignat@gmail.com	1995-06-07
<input type="checkbox"/>	Edit	Copy	Delete	6	Jurca	Cristina	0783489799	800	j.cristina@gmail.com	1987-12-03
<input type="checkbox"/>	Edit	Copy	Delete	7	Leonida	Tudor	0783483443	700	tleonida@gmail.com	1992-11-07
<input type="checkbox"/>	Edit	Copy	Delete	8	Stroia	Nicoleta	0784498753	900	nstroia@gmail.com	1987-02-04

1.9.2 UPDATE

				id_client	nume_client	prenume_client	telefon	limita_credit	email_client	data_nastere
<input type="checkbox"/>	 Edit	 Copy	 Delete	1	Acu	Lia	0783379713	200	aciu.lia@gmail.com	1985-06-09
<input type="checkbox"/>	 Edit	 Copy	 Delete	2	Badea	Iris	0783423123	300	badea.iris@gmail.com	1990-02-01
<input type="checkbox"/>	 Edit	 Copy	 Delete	3	Barna	Maria	0783483659	50	m.barna@gmail.com	1991-05-09
<input checked="" type="checkbox"/>	 Edit	 Copy	 Delete	4	Cernat	Mihai	0738489743	800	m.cernat@gmail.com	1997-05-04
<input type="checkbox"/>	 Edit	 Copy	 Delete	5	Ignat	Virginia	0777583743	400.45	v.ignat@gmail.com	1995-06-07
<input type="checkbox"/>	 Edit	 Copy	 Delete	6	Jurca	Cristina	0783489799	500	j.cristina@gmail.com	1987-12-02
<input type="checkbox"/>	 Edit	 Copy	 Delete	7	Leonida	Tudor	0783483443	700	tleonida@gmail.com	1992-11-07
<input type="checkbox"/>	 Edit	 Copy	 Delete	8	Stroia	Nicoleta	0784498753	900	nstroia@gmail.com	1987-02-04
<input type="checkbox"/>	 Edit	 Copy	 Delete	9	Voicu	Violeta	0752422333	900.5	violeta.v@gmail.com	1986-05-04
<input type="checkbox"/>	 Edit	 Copy	 Delete	10	Marincas	Madalina	0722333111	500	mada@gmail.com	1986-06-06

UPDATE `clienti` SET `telefon`='0733555666', `limita_credit`='900'
WHERE `id_client`='10'

✓ 1 row affected. (Query took 0.0520 seconds.)

UPDATE `clienti` SET `telefon`='0733555666', `limita_credit`='900' WHERE `id_client`='10'

+ Options													
				id_client	nume_client	prenume_client	telefon	limita_credit	email_client	data_nastere			
<input type="checkbox"/>		Edit		Copy		Delete	1	Acu	Lia	0783379713	200	aciu.lia@gmail.com	1985-06-09
<input type="checkbox"/>		Edit		Copy		Delete	2	Badea	Iris	0783423123	300	badea.iris@gmail.com	1990-02-01
<input type="checkbox"/>		Edit		Copy		Delete	3	Barna	Maria	0783483659	50	m.barna@gmail.com	1991-05-09
<input type="checkbox"/>		Edit		Copy		Delete	4	Cernat	Mihai	0738489743	800	m.cernat@gmail.com	1997-05-04
<input type="checkbox"/>		Edit		Copy		Delete	5	Ignat	Virginia	0777583743	400.45	v.ignat@gmail.com	1995-06-07
<input type="checkbox"/>		Edit		Copy		Delete	6	Jurca	Cristina	0783489799	500	j.cristina@gmail.com	1987-12-02
<input type="checkbox"/>		Edit		Copy		Delete	7	Leonida	Tudor	0783483443	700	tleonida@gmail.com	1992-11-07
<input type="checkbox"/>		Edit		Copy		Delete	8	Stroia	Nicoleta	0784498753	900	nstroia@gmail.com	1987-02-04
<input type="checkbox"/>		Edit		Copy		Delete	9	Voicu	Violeta	0752422333	900.5	violeta.v@gmail.com	1986-05-04
<input type="checkbox"/>		Edit		Copy		Delete	10	Marincas	Madalina	0733555666	900	mada@gmail.com	1986-06-06

1.9.3 DELETE

			id_client	nume_client	prenume_client	telefon	limita_credit	email_client	data_nastere
			1	Aciu	Lia	0783379713	200	aciu.lia@gmail.com	1985-06-09
			2	Badea	Iris	0783423123	300	badea.iris@gmail.com	1990-02-01
			3	Barna	Maria	0783483659	50	m.barna@gmail.com	1991-05-09
			4	Cernat	Mihai	0738489743	800	m.cernat@gmail.com	1997-05-04
			5	Ignat	Virginia	0777583743	400.45	v.ignat@gmail.com	1995-06-07
			6	Jurca	Cristina	0783489799	500	j.cristina@gmail.com	1987-12-02
			7	Leonida	Tudor	0783483443	700	tleonida@gmail.com	1992-11-07
			8	Stroia	Nicoleta	0784498753	900	nstroia@gmail.com	1987-02-04
			9	Voicu	Violeta	0752422333	900.5	violeta.v@gmail.com	1986-05-04
			10	Marincas	Madalina	0722333111	500	mada@gmail.com	1986-06-06

DELETE FROM `clienti` WHERE `id_client`='10'

✓ 1 row affected. (Query took 0.1052 seconds.)

```
DELETE FROM `clienti` WHERE `id_client`='10'
```

			id_client	nume_client	prenume_client	telefon	limita_credit	email_client	data_nastere
			1	Acu	Lia	0783379713	200	acu.lia@gmail.com	1985-06-09
			2	Badea	Iris	0783423123	300	badea.iris@gmail.com	1990-02-01
			3	Barna	Maria	0783483659	50	m.barna@gmail.com	1991-05-09
			4	Cernat	Mihai	0738489743	800	m.cernat@gmail.com	1997-05-04
			5	Ignat	Virginia	0777583743	400.45	v.ignat@gmail.com	1995-06-07
			6	Jurca	Cristina	0783489799	500	j.cristina@gmail.com	1987-12-02
			7	Leonida	Tudor	0783483443	700	tleonida@gmail.com	1992-11-07
			8	Stroia	Nicoleta	0784498753	900	nstroia@gmail.com	1987-02-04
			9	Voicu	Violeta	0752422333	900.5	violeta.v@gmail.com	1986-05-04

1.10 Order By

```
SELECT b.nume_client, b.preume_client  
FROM clienti b  
ORDER BY b.nume_client
```

✓ Showing rows 0 - 5 (6 total, Query took 0.0053 seconds.) [nume_client: ACIU... - JURCA...]

```
SELECT b.nume_client, b.preume_client FROM clienti b ORDER BY b.nume_client
```

☐ Profiling [\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refresh \]](#)

				nume_client	preume_client
<input type="checkbox"/>				Acu	Lia
<input type="checkbox"/>				Badea	Iris
<input type="checkbox"/>				Barna	Maria
<input type="checkbox"/>				Cernat	Mihai
<input type="checkbox"/>				Ignat	Virginia
<input type="checkbox"/>				Jurca	Cristina

```
SELECT clienti.preume_client, clienti.nume_client, clienti.limita_credit  
FROM clienti ORDER BY limita_credit DESC
```

✓ Showing rows 0 - 5 (6 total, Query took 0.0007 seconds.) [limita_credit: 800... - 50...]

```
SELECT clienti.preume_client, clienti.nume_client, clienti.limita_credit FROM clienti ORDER BY limita_credit DESC
```

☐ Profiling [\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refresh \]](#)

				preume_client	nume_client	limita_credit
				Mihai	Cernat	800
				Cristina	Jurca	500
				Virginia	Ignat	400.45
				Iris	Badea	300
				Lia	Acu	200
				Maria	Barna	50

1.11 Top

TOP – in SQL Server

```
SELECT TOP 3 nume_client, prenume_client, telefon, limita_credit, email_client
FROM clienti
```

	nume_client	prenume_client	telefon	limita_credit	email_client
1	Aciu	Lia	0783379713	200	aciu.lia@gmail.com
2	Badea	Iris	0783423123	300	badea.iris@gmail.com
3	Bama	Maria	0783483659	50	bama@gmail.com


LIMIT – in MySQL

```
SELECT nume_client, prenume_client, telefon, limita_credit, email_client
FROM clienti
LIMIT 3;
```

✓ Showing rows 0 - 2 (3 total, Query took 0.0009 seconds.)					
SELECT nume_client, prenume_client, telefon, limita_credit, email_client FROM clienti LIMIT 3					
<input type="checkbox"/> Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]					
	nume_client	prenume_client	telefon	limita_credit	email_client
▼	Aciu	Lia	0783379713	200	aciu.lia@gmail.com
	Badea	Iris	0783423123	300	badea.iris@gmail.com
	Bama	Maria	0783483659	50	m.barna@gmail.com

1.12 Group By

```
SELECT*
FROM clienti
LEFT JOIN comenzi ON clienti.id_client=comenzi.id_client
GROUP BY clienti.nume_client
```

 Showing rows 0 - 5 (6 total, Query took 0.0009 seconds.)

```

SELECT* FROM clienti LEFT JOIN comenzi ON clienti.id_client=comenzi.id_client GROUP BY clienti.nume_client
.....
    
```

id_client	nume_client	prenume_client	telefon	limita_credit	email_client	data_nastere	nr_comanda	data	modalitate	id_client
1	Aciu	Lia	0783379713	200	aciu.lia@gmail.com	1985-06-09	1	2021-03-22	card	1
2	Badea	Iris	0783423123	300	badea.iris@gmail.com	1990-02-01	2	2021-03-24	ramburs	2
3	Barna	Maria	0783483659	50	m.barna@gmail.com	1991-05-09	3	2021-03-25	card	3
4	Cernat	Mihai	0738489743	800	m.cernat@gmail.com	1997-05-04	4	2021-03-27	ramburs	4
5	Ignat	Virginia	0777583743	400.45	v.ignat@gmail.com	1995-06-07	5	2021-03-28	ramburs	5

1.13 Views

//1

```
CREATE VIEW despre_comenzi
AS
SELECT c.data, c.modalitate, c.id_client, a.pret, a.cantitate
FROM comenzi c join lista_comenzi a on c.nr_comanda=a.nr_comanda
```

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0683 seconds.)

```
CREATE VIEW despre_comenzi AS SELECT c.data, c.modalitate, c.id_client, a.pret, a.cantitate FROM comenzi c join lista_comenzi a on c.nr_comanda=a.nr_comanda
```

[Edit inline] [Edit] [Create PHP code]

				data	modalitate	id_client	pret	cantitate
<input type="checkbox"/>	Edit	Copy	Delete	2021-03-22	card	1	500	4
<input type="checkbox"/>	Edit	Copy	Delete	2021-03-24	ramburs	2	300	1
<input type="checkbox"/>	Edit	Copy	Delete	2021-03-25	card	3	300	2
<input type="checkbox"/>	Edit	Copy	Delete	2021-03-27	ramburs	4	450	4
<input type="checkbox"/>	Edit	Copy	Delete	2021-03-28	ramburs	5	600	2

//2

```
CREATE VIEW despre_produce
AS
SELECT p.cod_art,p.denumire, p.id_tip_produc, p.pret_producator,
f.num_producator, f.adresa, f.email, f.telefon
FROM produce p join producatori f on p.cod_producator=f.cod_producator
```

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.1216 seconds.)

```
CREATE VIEW despre_produce AS SELECT p.cod_art,p.denumire, p.id_tip_produc, p.pret_producator, f.num_producator, f.adresa, f.email, f.telefon FROM produce p join producatori f on p.cod_producator=f.cod_producator
```

[Edit inline] [Edit] [Create PHP code]

				cod_art	denumire	id_tip_produc	pret_producator	nume_producator	adresa	email	telefon
<input type="checkbox"/>	Edit	Copy	Delete	1	Philips I-Pro ST387E, Slim 24 mm, Wwt&Dry	2	329.99	Philips	Str.Jan Pieter Heijestraat	philips@gmail.com	0724489991
<input type="checkbox"/>	Edit	Copy	Delete	2	Rowenta PRO-Ceramic Extra S5525,230 grade	2	109.99	Rowenta	Str.Erbach in Odenwald	rowenta@gmail.com	0774875395
<input type="checkbox"/>	Edit	Copy	Delete	3	Braun StyleCare BHH811/00	4	145	Braun	Str.One Retail GmbH	braun@gmail.com	0724345313
<input type="checkbox"/>	Edit	Copy	Delete	4	Remington StyleMix 2020CE	4	300.79	Remington	Str.Middleton	remington@gmail.com	0783483743
<input type="checkbox"/>	Edit	Copy	Delete	5	BaByliss Expert Protect D362E,2300 W	3	500	BaByliss	Str.Mario Rossi	babyliss@gmail.com	0731242342
<input type="checkbox"/>	Edit	Copy	Delete	6	PluieSoleil Professional Iron Technology	3	100.79	PluieSoleil	Str. Rue Basse 1	pluiesoleil@gmail.com	0728345513
<input type="checkbox"/>	Edit	Copy	Delete	11	Perie rotativa BaByliss	5	213.99	PluieSoleil	Str. Rue Basse 1	pluiesoleil@gmail.com	0728345513

//3

```
CREATE VIEW detalii_vanzare
AS
SELECT b.num_client, b.prenume_client,
a.cantitate, a.pret,
c.modalitate, c.data
FROM lista_comenzi a join comenzi c on a.nr_comanda=c.nr_comanda
join clienti b on c.id_client=b.id_client
```

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0684 seconds.)

```
CREATE VIEW detalii_vanzare AS SELECT b.num_client, b.prenume_client, a.cantitate, a.pret, c.modalitate, c.data FROM lista_comenzi a join comenzi c on a.nr_comanda=c.nr_comanda join clienti b on c.id_client=b.id_client
```

[Edit inline] [Edit] [Create PHP code]

				nume_client	prenume_client	cantitate	pret	modalitate	data
Edit	Copy	Delete		Acui	Lia	4	500	card	2021-03-22
Edit	Copy	Delete		Badea	Iris	1	300	ramburs	2021-03-24
Edit	Copy	Delete		Barna	Maria	2	300	card	2021-03-25
Edit	Copy	Delete		Cernat	Mihai	4	450	ramburs	2021-03-27
Edit	Copy	Delete		Ignat	Virginia	2	600	ramburs	2021-03-28







//4

```
CREATE VIEW tip_produș_ondulator
AS
SELECT p.denumire, p.cod_art, p.cod_producator, p.pret_producator, t.nr_produș,
t.nr_model_e
FROM produse p join tipuri_produș_par t on p.id_tip_produș=t.id_tip_produș
WHERE t.tip_produș_par='ondulator'
ORDER BY p.denumire
```

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0200 seconds.)

```
CREATE VIEW tip_produș_ondulator AS SELECT p.denumire, p.cod_art, p.cod_producator, p.pret_producator, t.nr_produș, t.nr_model_e FROM produse p join tipuri_produș_par t on p.id_tip_produș=t.id_tip_produș WHERE t.tip_produș_par='ondulator' ORDER BY p.denumire
```

[Edit inline] [Edit] [Create PHP code]

			denumire	cod_art	cod_producator	pret_producator	nr_produș	nr_model_e
			Braun StyleCare BHH811/00	3	3	145	100	4
			Remington StyleMix 2020CE	4	4	300.79	100	4

//5







More details about MySQL database see [5].

```
CREATE VIEW tip_placa_de_par_profesionala
AS
SELECT p.denumire, p.cod_art, p.cod_producator, p.pret_producator, t.nr_produș,
t.nr_model_e
FROM produse p join Tipuri_produș_par t on p.id_tip_produș=t.id_tip_produș
WHERE t.tip_produș_par='placa de par profesionala'
ORDER BY p.denumire
```

MySQL returned an empty result set (i.e. zero rows). (Query took 0.1133 seconds.)

```
CREATE VIEW tip_placa_de_par_profesionala AS SELECT p.denumire, p.cod_art, p.cod_producator, p.pret_producator, t.nr_produș, t.nr_model_e FROM produse p join tipuri_produș_par t on p.id_tip_produș=t.id_tip_produș WHERE t.tip_produș_par='placa de par profesionala' ORDER BY p.denumire
```

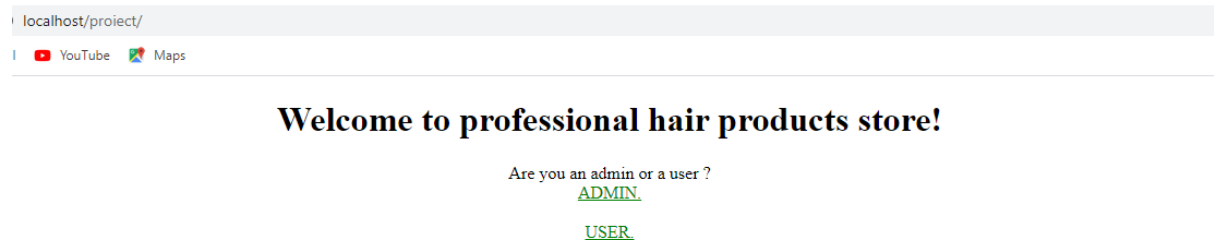
[Edit inline] [Edit] [Create PHP code]

				denumire	cod_art	cod_producator	pret_producator	nr_produș	nr_model_e
<input type="checkbox"/>				Philips I-Pro ST387E, Slim 24 mm, Wwt&Dry	1	1	329.99	139	5
<input type="checkbox"/>				Rowenta PRO-Ceramic Extra S5525,230 grade	2	2	109.99	139	5

Chapter2. WEB page

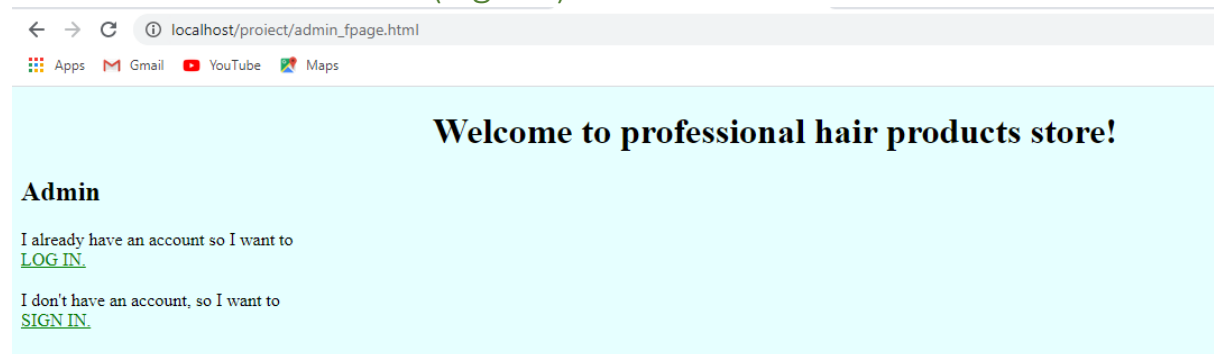
2.1 How page works?

2.1.1 First page (choose admin or user)

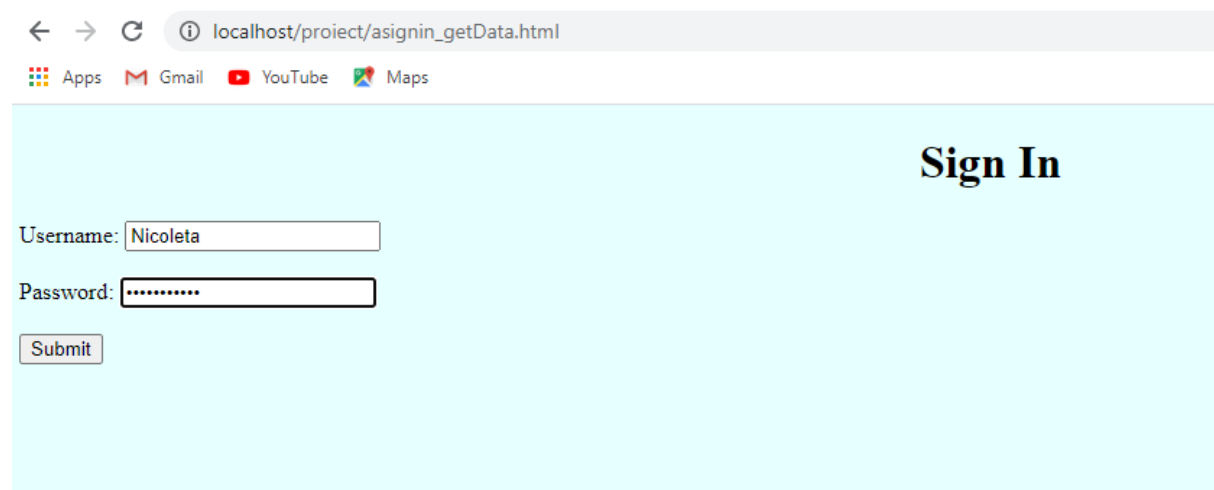


I choose ADMIN (click ADMIN)

2.1.2 Create new admin (Sign in)

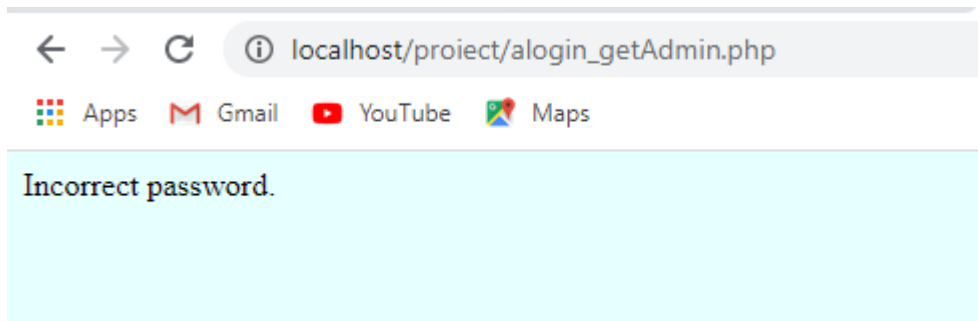


We click SIGN IN

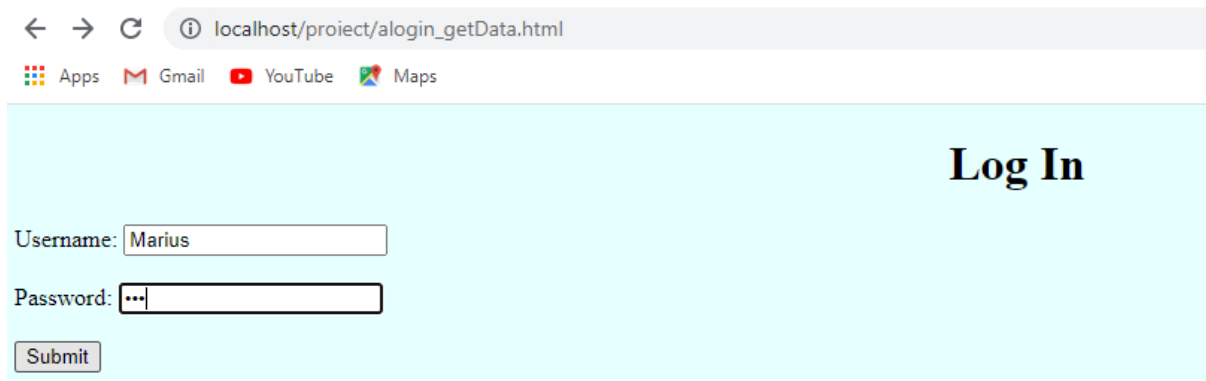


The chosen password is nicoleta123

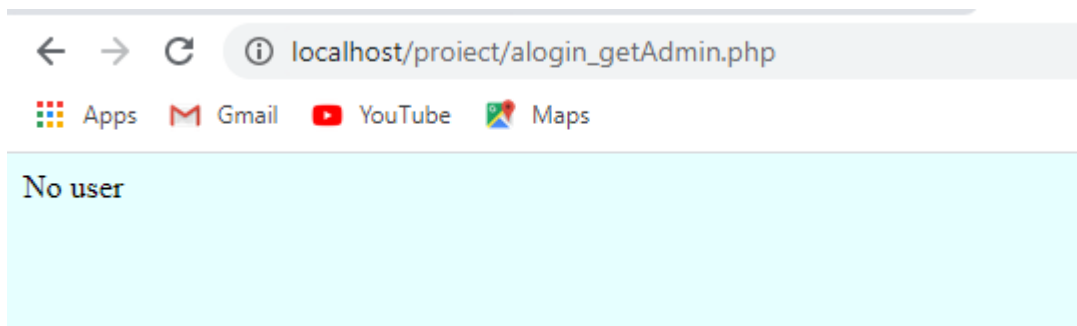
Verify this in database MySQL



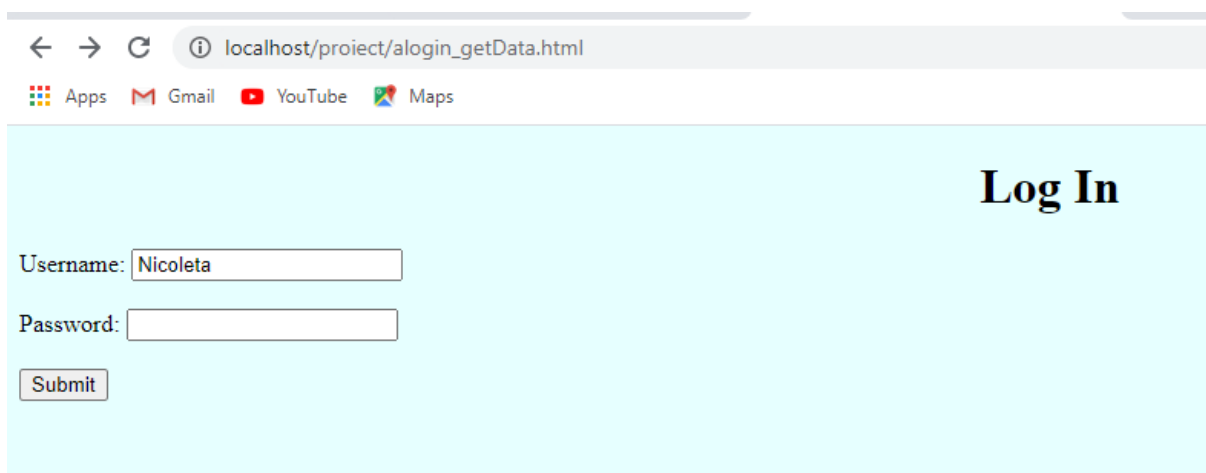
2.1.4 Log in admin with wrong username



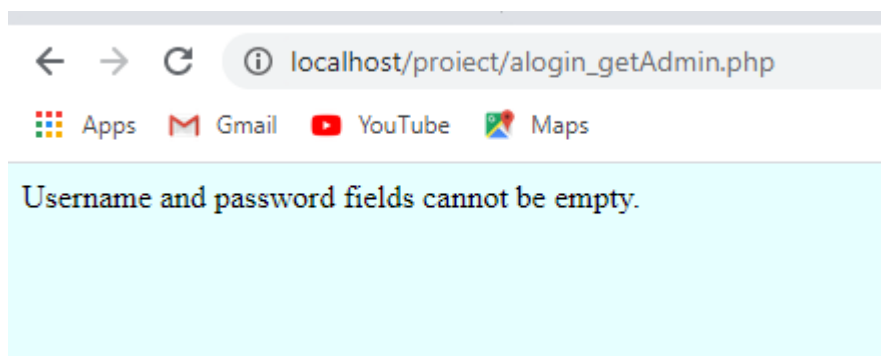
The username doesn't exist in table conturi_admin from database.



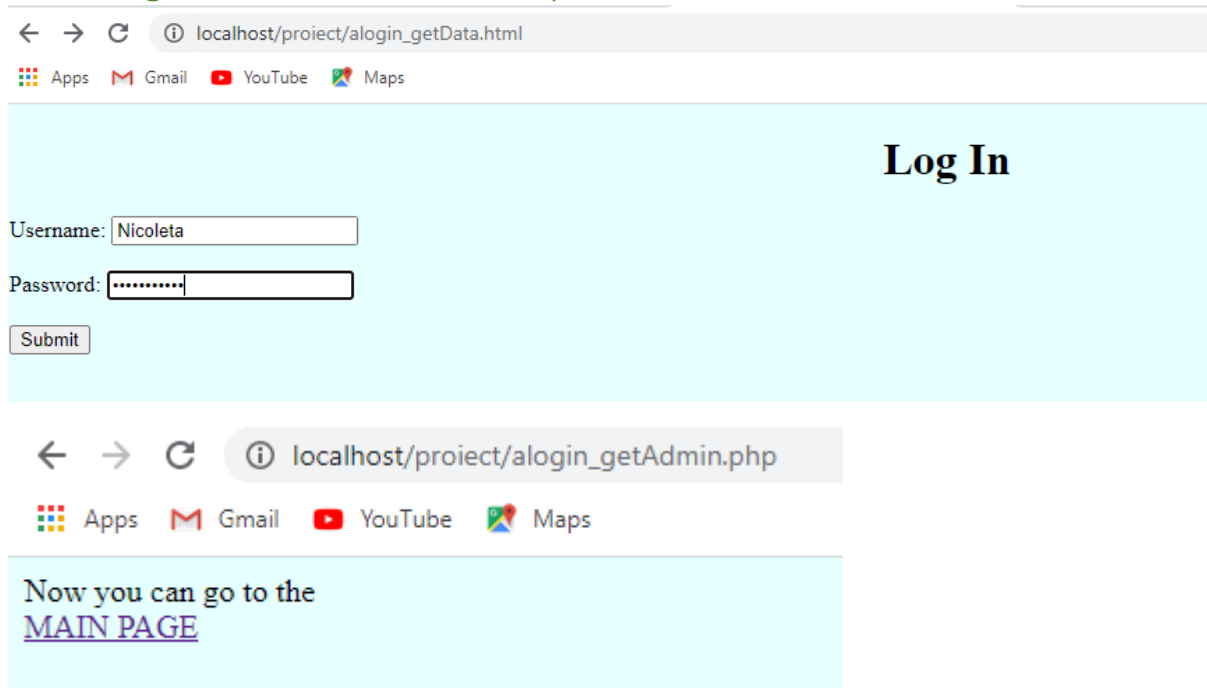
If the user leaves empty fields



More details about php pages see [2].



2.1.5 Log in admin with correct password



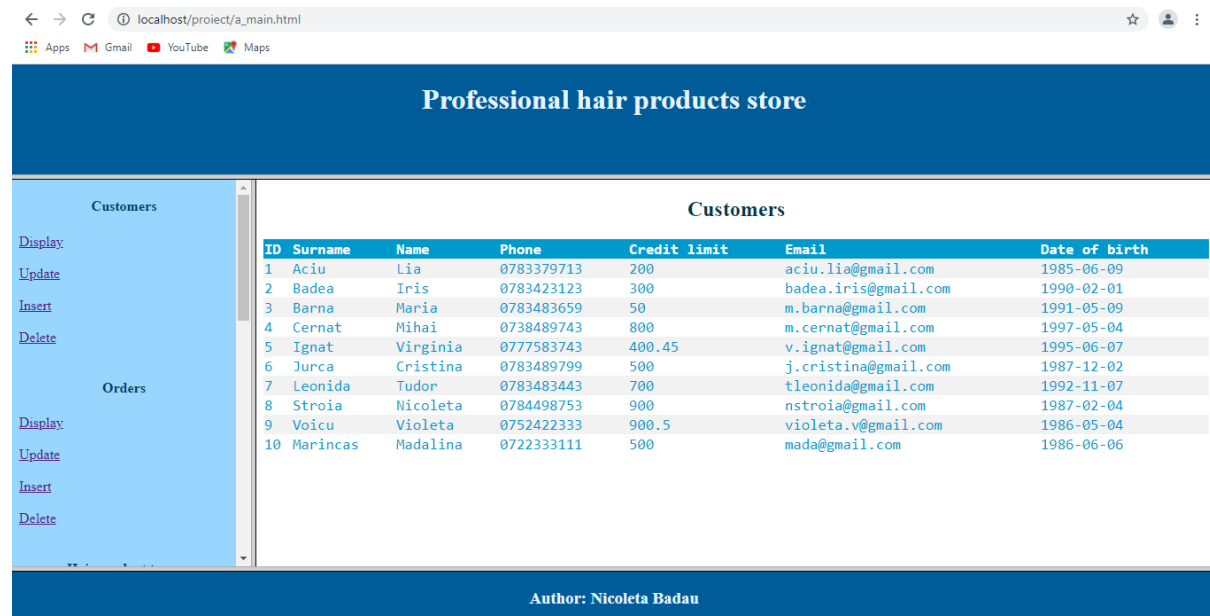
The link will send the user to the main page

2.2 Display for each table (admin)

The admin has permission to see all tables from database.

2.2.1 Customers

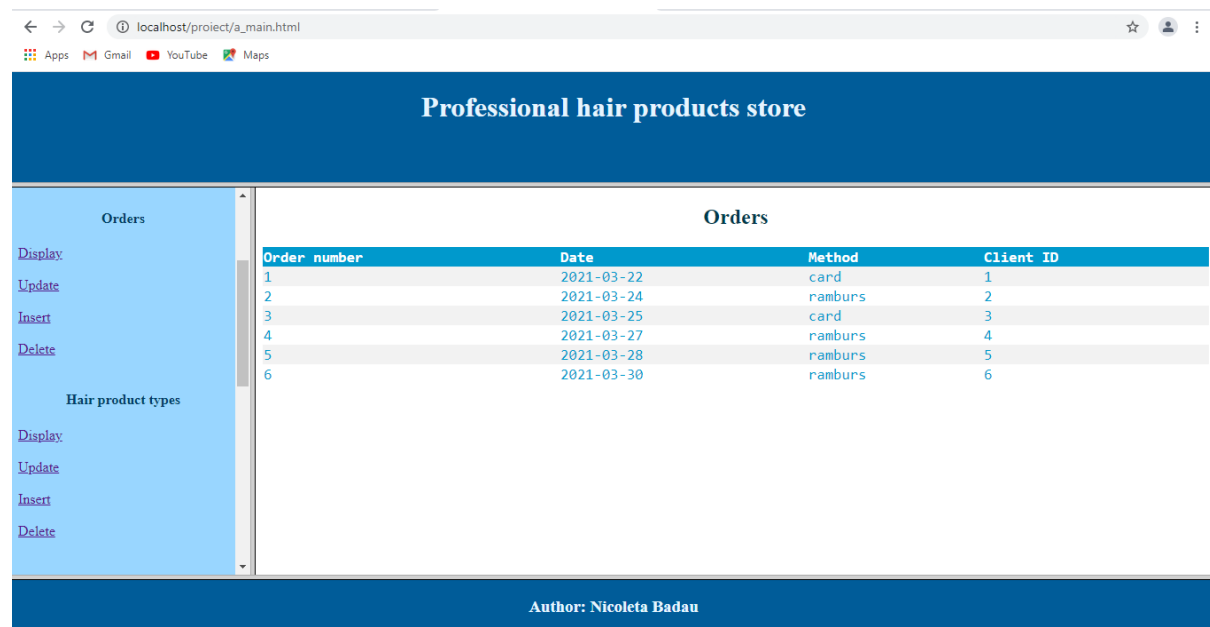
More details about framset see [3].



ID	Surname	Name	Phone	Credit limit	Email	Date of birth
1	Aciu	Lia	0783379713	200	aciu.lia@gmail.com	1985-06-09
2	Badea	Iris	0783423123	300	badea.iris@gmail.com	1990-02-01
3	Barna	Maria	0783483659	50	m.barna@gmail.com	1991-05-09
4	Cernat	Mihai	0738489743	800	m.cernat@gmail.com	1997-05-04
5	Ignat	Virginia	0777583743	400.45	v.ignat@gmail.com	1995-06-07
6	Jurca	Cristina	0783489799	500	j.cristina@gmail.com	1987-12-02
7	Leonida	Tudor	0783483443	700	tleonida@gmail.com	1992-11-07
8	Stroia	Nicoleta	0784498753	900	nstroia@gmail.com	1987-02-04
9	Voicu	Violeta	0752422333	900.5	violeta.v@gmail.com	1986-05-04
10	Marincas	Madalina	0722333111	500	mada@gmail.com	1986-06-06

Author: Nicoleta Badau

2.2.2 Orders



Order number	Date	Method	Client ID
1	2021-03-22	card	1
2	2021-03-24	ramburs	2
3	2021-03-25	card	3
4	2021-03-27	ramburs	4
5	2021-03-28	ramburs	5
6	2021-03-30	ramburs	6

Author: Nicoleta Badau

2.2.3 Hair product types

localhost/proiect/a_main.html

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Professional hair products store

Hair product types

Display

Update

Insert

Delete

Manufacturers

Display

Update

Insert

Delete

Hair product types

ID product type	Type hair product	Products' number	Models' number
1	alte produse	115	25
2	placa de par profesionala	139	5
3	uscator de par	140	10
4	ondulator	100	4
5	perie rotativa	22	5

Author: Nicoleta Badau

2.2.4 Manufacturers

localhost/proiect/a_main.html

Apps Gmail YouTube Maps

Professional hair products store

Manufacturers

Display

Update

Insert

Delete

Orders list

Display

Update

Insert

Delete

Manufacturers

Manufacturer code	Manufacturer name	Address	Email	Phone
1	Philips	Str. Jan Pieter Heijestraat	philips@gmail.com	0724489991
2	Rowenta	Str. Erbach in Odenwald	rowenta@gmail.com	0774875395
3	Braun	Str. One Retail GmbH	braun@gmail.com	0724345313
4	Remington	Str. Middleton	remington@gmail.com	0783483743
5	BaByliss	Str. Mario Rossi	babyliss@gmail.com	0731242342
6	PluieSoleil	Str. Rue Basse 1	pluiesoleil@gmail.com	0728345513

Author: Nicoleta Badau

2.2.5 Orders list

Professional hair products store

Orders list

[Display](#)

[Update](#)

[Insert](#)

[Delete](#)

Products

[Display](#)

[Update](#)

[Insert](#)

[Delete](#)

Orders list

Order number	Article code	Price	Amount
1	1	500	4
2	2	200	1
3	3	300	2
4	4	450	4
5	5	600	2
6	6	120	6

Author: Nicoleta Badau

2.2.6 Products

Professional hair products store

Orders list

[Display](#)

[Update](#)

[Insert](#)

[Delete](#)

Products

[Display](#)

[Update](#)

[Insert](#)

[Delete](#)

Products

Article code	Manufacturer code	Product's Name	ID product type	Manufacturer's price
1	1	Philips I-Pro ST387E, Slim 24 mm, Wwt&Dry	2	329.99
2	2	Rowenta PRO-Ceramic Extra S5525,230 grade	2	109.99
3	3	Braun StyleCare BHH811/00	4	145
4	4	Remington StyleMix 2020CE	4	300.79
5	5	BaByliss Expert Protect D362E, 2300 W	3	500
6	6	PluieSoleil Professional Iron Technology	3	100.79

Author: Nicoleta Badau

2.3 Update Customers

Select the surname and name of customer from list (more details about code [1]).

Professional hair products store

Customers

Display
Update
Insert
Delete

Orders

Display
Update
Insert
Delete

Update the customer information

1. Select the customer name

Marincas Madalina ▼

Aciu Lia
Badea Iris
Barna Maria
Cernat Mihai
Ignat Virginia
Jurca Cristina
Leonida Tudor
Stroia Nicoleta
Voicu Violeta
Marincas Madalina

Author: Nicoleta Badau

Professional hair products store

Customers

Display
Update
Insert
Delete

Orders

Display
Update
Insert
Delete

Update the customer information

1. Select the customer name

Marincas Madalina ▼

Submit

Author: Nicoleta Badau

We can see initial data of this customer in database.

				id_client	nume_client	prenume_client	telefon	limita_credit	email_client	data_nastere
<input type="checkbox"/>	Edit	Copy	Delete	1	Aciu	Lia	0783379713	200	aciu.lia@gmail.com	1985-06-09
<input type="checkbox"/>	Edit	Copy	Delete	2	Badea	Iris	0783423123	300	badea.iris@gmail.com	1990-02-01
<input type="checkbox"/>	Edit	Copy	Delete	3	Barna	Maria	0783483659	50	m.barna@gmail.com	1991-05-09
<input type="checkbox"/>	Edit	Copy	Delete	4	Cernat	Mihai	0738489743	800	m.cernat@gmail.com	1997-05-04
<input type="checkbox"/>	Edit	Copy	Delete	5	Ignat	Virginia	0777583743	400.45	v.ignat@gmail.com	1995-06-07
<input type="checkbox"/>	Edit	Copy	Delete	6	Jurca	Cristina	0783489799	500	j.cristina@gmail.com	1987-12-02
<input type="checkbox"/>	Edit	Copy	Delete	7	Leonida	Tudor	0783483443	700	tleonida@gmail.com	1992-11-07
<input type="checkbox"/>	Edit	Copy	Delete	8	Stroia	Nicoleta	0784498753	900	nstroia@gmail.com	1987-02-04
<input type="checkbox"/>	Edit	Copy	Delete	9	Voicu	Violeta	0752422333	900.5	violeta.v@gmail.com	1986-05-04
<input type="checkbox"/>	Edit	Copy	Delete	10	Marincas	Madalina	0722333111	500	mada@gmail.com	1986-06-06

localhost/proiect/a_main.html

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Professional hair products store

Customers

Display

Update

Insert

Delete

Orders

Display

Update

Insert

Delete

Update the customer information

2. Insert the new information

ID for selected customer: 10

Phone:

Credit limit:

Email:

Date of birth: Month: Day: Year:

Author: Nicoleta Badau

We modify phone number and credit limit of this customer.

localhost/proiect/a_main.html

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Professional hair products store

Customers

Display

Update

Insert

Delete

Orders

Display

Update

Insert

Delete

Update the customer information

The following information will be updated in the database:

ID: 10

Name: Marincas

Surame: Madalina

Phone: 0733555666

Credit: 900

Email: mada@gmail.com

Date of birth: 1986-06-06

3. Update customer information in database

Updating informaton...The information was updated!

Author: Nicoleta Badau

We can verify the change in database.

+ Options

				id_client	nume_client	prenume_client	telefon	limita_credit	email_client	data_nastere
<input type="checkbox"/>	Edit	Copy	Delete	1	Aciu	Lia	0783379713	200	aciu.lia@gmail.com	1985-06-09
<input type="checkbox"/>	Edit	Copy	Delete	2	Badea	Iris	0783423123	300	badea.iris@gmail.com	1990-02-01
<input type="checkbox"/>	Edit	Copy	Delete	3	Barna	Maria	0783483659	50	m.barna@gmail.com	1991-05-09
<input type="checkbox"/>	Edit	Copy	Delete	4	Cernat	Mihai	0738489743	800	m.cernat@gmail.com	1997-05-04
<input type="checkbox"/>	Edit	Copy	Delete	5	Ignat	Virginia	0777583743	400.45	v.ignat@gmail.com	1995-06-07
<input type="checkbox"/>	Edit	Copy	Delete	6	Jurca	Cristina	0783489799	500	j.cristina@gmail.com	1987-12-02
<input type="checkbox"/>	Edit	Copy	Delete	7	Leonida	Tudor	0783483443	700	tleonida@gmail.com	1992-11-07
<input type="checkbox"/>	Edit	Copy	Delete	8	Stroia	Nicoleta	0784498753	900	nstroia@gmail.com	1987-02-04
<input type="checkbox"/>	Edit	Copy	Delete	9	Voicu	Violeta	0752422333	900.5	violeta.v@gmail.com	1986-05-04
<input type="checkbox"/>	Edit	Copy	Delete	10	Marincas	Madalina	0733555666	900	mada@gmail.com	1986-06-06

2.4 Insert into Customers

Professional hair products store

Customers

Display
Update
Insert
Delete

Orders

Display
Update
Insert
Delete

Add a new customer

Surname customer:

Name customer:

Phone:

Credit limit:

Email:

Date of birth: Month: Day: Year:

Author: Nicoleta Badau

We add new data.

Professional hair products store

Customers

Display
Update
Insert
Delete

Orders

Display
Update
Insert
Delete

Add a new customer

Surname customer:

Name customer:

Phone:

Credit limit:

Email:

Date of birth: Month: Day: Year:

Author: Nicoleta Badau

Click **Submit** for the adding of new informations in database or **Clear** if it is necessary to modify data of customer.

localhost/proiect/a_main.html

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Professional hair products store

Customers

[Display](#)

[Update](#)

[Insert](#)

[Delete](#)

Orders

[Display](#)

[Update](#)

[Insert](#)

[Delete](#)

Information about the customer

Surname customer: Popescu
Name customer: Andreea
Phone: 0752555660
Credit limit: 300
Email: apopescu@gmail.com
Date of birth: 1982-02-02
Age (years): 39

Inserting information into database

The information was inserted!

Author: Nicoleta Badau

We can verify this in database.

				id_client	nume_client	prenume_client	telefon	limita_credit	email_client	data_nastere
<input type="checkbox"/>	Edit	Copy	Delete	1	Aciu	Lia	0783379713	200	aciu.lia@gmail.com	1985-06-09
<input type="checkbox"/>	Edit	Copy	Delete	2	Badea	Iris	0783423123	300	badea.iris@gmail.com	1990-02-01
<input type="checkbox"/>	Edit	Copy	Delete	3	Barna	Maria	0783483659	50	m.barna@gmail.com	1991-05-09
<input type="checkbox"/>	Edit	Copy	Delete	4	Cernat	Mihai	0738489743	800	m.cernat@gmail.com	1997-05-04
<input type="checkbox"/>	Edit	Copy	Delete	5	Ignat	Virginia	0777583743	400.45	v.ignat@gmail.com	1995-06-07
<input type="checkbox"/>	Edit	Copy	Delete	6	Jurca	Cristina	0783489799	500	j.cristina@gmail.com	1987-12-02
<input type="checkbox"/>	Edit	Copy	Delete	7	Leonida	Tudor	0783483443	700	tleonida@gmail.com	1992-11-07
<input type="checkbox"/>	Edit	Copy	Delete	8	Stroia	Nicoleta	0784498753	900	nstroia@gmail.com	1987-02-04
<input type="checkbox"/>	Edit	Copy	Delete	9	Voicu	Violeta	0752422333	900.5	violeta.v@gmail.com	1986-05-04
<input type="checkbox"/>	Edit	Copy	Delete	10	Marincas	Madalina	0733555666	900	mada@gmail.com	1986-06-06
<input type="checkbox"/>	Edit	Copy	Delete	11	Popescu	Andreea	0752555660	300	apopescu@gmail.com	1982-02-02

2.5 Delete from Customers

Select from list the customer that we wish to delete.

localhost/proiect/a_main.html

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Professional hair products store

Customers
[Display](#)
[Update](#)
[Insert](#)
[Delete](#)
Orders
[Display](#)
[Update](#)
[Insert](#)
[Delete](#)

Delete customer record

1. Select the customer name

▼
Aciu Lia
Aciu Lia
Badea Iris
Barna Maria
Cernat Mihai
Ignat Virginia
Jurca Cristina
Leonida Tudor
Stroia Nicoleta
Voicu Violeta
Marincas Madalina
Popescu Andreea

Author: Nicoleta Badau

localhost/proiect/a_main.html

Apps Gmail YouTube Maps

Professional hair products store

Customers
[Display](#)
[Update](#)
[Insert](#)
[Delete](#)
Orders
[Display](#)
[Update](#)
[Insert](#)
[Delete](#)

Delete customer record

1. Select the customer name

▼
Popescu Andreea

Submit

Author: Nicoleta Badau

				id_client	nume_client	prenume_client	telefon	limita_credit	email_client	data_nastere
<input type="checkbox"/>	Edit	Copy	Delete	1	Aciu	Lia	0783379713	200	aciu.lia@gmail.com	1985-06-09
<input type="checkbox"/>	Edit	Copy	Delete	2	Badea	Iris	0783423123	300	badea.iris@gmail.com	1990-02-01
<input type="checkbox"/>	Edit	Copy	Delete	3	Barna	Maria	0783483659	50	m.barna@gmail.com	1991-05-09
<input type="checkbox"/>	Edit	Copy	Delete	4	Cernat	Mihai	0738489743	800	m.cernat@gmail.com	1997-05-04
<input type="checkbox"/>	Edit	Copy	Delete	5	Ignat	Virginia	0777583743	400.45	v.ignat@gmail.com	1995-06-07
<input type="checkbox"/>	Edit	Copy	Delete	6	Jurca	Cristina	0783489799	500	j.cristina@gmail.com	1987-12-02
<input type="checkbox"/>	Edit	Copy	Delete	7	Leonida	Tudor	0783483443	700	tleonida@gmail.com	1992-11-07
<input type="checkbox"/>	Edit	Copy	Delete	8	Stroia	Nicoleta	0784498753	900	nstroia@gmail.com	1987-02-04
<input type="checkbox"/>	Edit	Copy	Delete	9	Voicu	Violeta	0752422333	900.5	violeta.v@gmail.com	1986-05-04
<input type="checkbox"/>	Edit	Copy	Delete	10	Marincas	Madalina	0733555666	900	mada@gmail.com	1986-06-06
<input type="checkbox"/>	Edit	Copy	Delete	11	Popescu	Andreea	0752555660	300	apopescu@gmail.com	1982-02-02

← → ↻ localhost/proiect/a_main.html ☆ 👤 ⋮

Apps Gmail YouTube Maps

Professional hair products store

Customers

[Display](#)

[Update](#)

[Insert](#)

[Delete](#)

Orders

[Display](#)

[Update](#)

[Insert](#)

[Delete](#)

ID for selected customer: 11

Delete the customer information

Deleting...The information was deleted!

Author: Nicoleta Badau

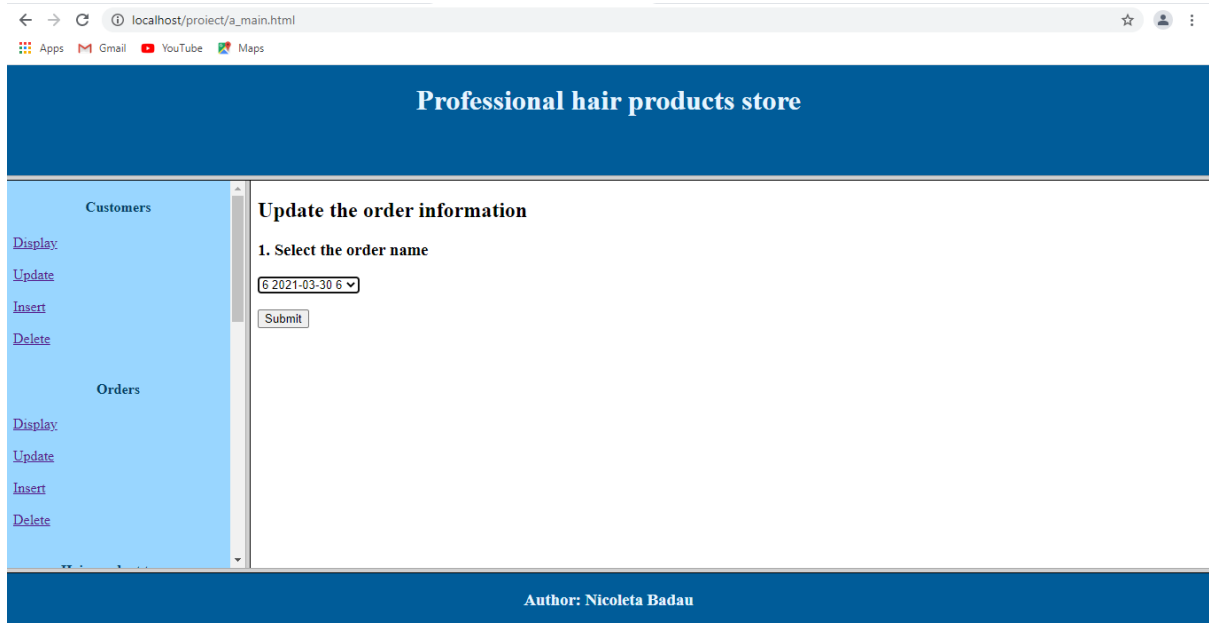
We can verify this in database.

				id_client	nume_client	prenume_client	telefon	limita_credit	email_client	data_nastere
<input type="checkbox"/>				1	Aciu	Lia	0783379713	200	aciu.lia@gmail.com	1985-06-09
<input type="checkbox"/>				2	Badea	Iris	0783423123	300	badea.iris@gmail.com	1990-02-01
<input type="checkbox"/>				3	Barna	Maria	0783483659	50	m.barna@gmail.com	1991-05-09
<input type="checkbox"/>				4	Cernat	Mihai	0738489743	800	m.cernat@gmail.com	1997-05-04
<input type="checkbox"/>				5	Ignat	Virginia	0777583743	400.45	v.ignat@gmail.com	1995-06-07
<input type="checkbox"/>				6	Jurca	Cristina	0783489799	500	j.cristina@gmail.com	1987-12-02
<input type="checkbox"/>				7	Leonida	Tudor	0783483443	700	tleonida@gmail.com	1992-11-07
<input type="checkbox"/>				8	Stroia	Nicoleta	0784498753	900	nstroia@gmail.com	1987-02-04
<input type="checkbox"/>				9	Voicu	Violeta	0752422333	900.5	violeta.v@gmail.com	1986-05-04
<input type="checkbox"/>				10	Marincas	Madalina	0733555666	900	mada@gmail.com	1986-06-06

2.6 Update Orders

Select order number, data and customer id of the order from list.

More details about MySQL and PHP see [4].



Professional hair products store

Customers

Display
Update
Insert
Delete

Orders

Display
Update
Insert
Delete

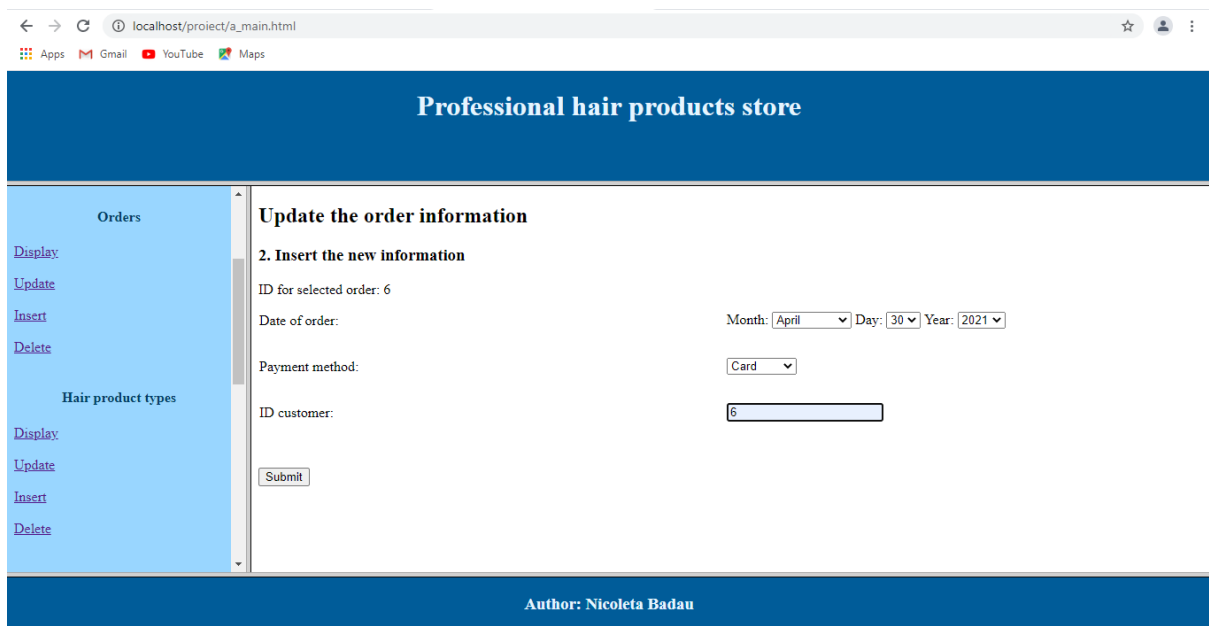
Update the order information

1. Select the order name

6 2021-03-30 6 ▼

Submit

Author: Nicoleta Badau



Professional hair products store

Orders

Display
Update
Insert
Delete

Hair product types

Display
Update
Insert
Delete

Update the order information

2. Insert the new information

ID for selected order: 6

Date of order: Month: April ▼ Day: 30 ▼ Year: 2021 ▼

Payment method: Card ▼

ID customer: 6

Submit

Author: Nicoleta Badau

We modify data and payment method of this order.

2.7 Insert into Orders

localhost/proiect/a_main.html

Apps Gmail YouTube Maps

Professional hair products store

Customers
[Display](#)
[Update](#)
[Insert](#)
[Delete](#)
Orders
[Display](#)
[Update](#)
[Insert](#)
[Delete](#)

Add a new order

Date of order: Month: Day: Year:

Payment method:

Customer ID:

Author: Nicoleta Badau

localhost/proiect/a_main.html

Apps Gmail YouTube Maps

Professional hair products store

Customers
[Display](#)
[Update](#)
[Insert](#)
[Delete](#)
Orders
[Display](#)
[Update](#)
[Insert](#)
[Delete](#)

Information about the order

Date of order: 2021-04-01
Payment method: card
Customer ID: 5

Inserting information into database

The information was inserted!

Author: Nicoleta Badau

				nr_comanda	data	modalitate	id_client
<input type="checkbox"/>	Edit	Copy	Delete	1	2021-03-22	card	1
<input type="checkbox"/>	Edit	Copy	Delete	2	2021-03-24	ramburs	2
<input type="checkbox"/>	Edit	Copy	Delete	3	2021-03-25	card	3
<input type="checkbox"/>	Edit	Copy	Delete	4	2021-03-27	ramburs	4
<input type="checkbox"/>	Edit	Copy	Delete	5	2021-03-28	ramburs	5
<input type="checkbox"/>	Edit	Copy	Delete	6	2005-04-30	card	6
<input type="checkbox"/>	Edit	Copy	Delete	7	2021-03-31	card	7
<input type="checkbox"/>	Edit	Copy	Delete	8	2021-04-01	card	5

2.8 Delete from Orders

← → ↻ localhost/proiect/a_main.html ☆ 👤 ⋮

Apps Gmail YouTube Maps

Professional hair products store

Customers

Display

Update

Insert

Delete

Orders

Display

Update

Insert

Delete

Delete customer record

1. Select the order number

2021-04-01 5 ▾

Submit

Author: Nicoleta Badau

				nr_comanda	data	modalitate	id_client
<input type="checkbox"/>	Edit	Copy	Delete	1	2021-03-22	card	1
<input type="checkbox"/>	Edit	Copy	Delete	2	2021-03-24	ramburs	2
<input type="checkbox"/>	Edit	Copy	Delete	3	2021-03-25	card	3
<input type="checkbox"/>	Edit	Copy	Delete	4	2021-03-27	ramburs	4
<input type="checkbox"/>	Edit	Copy	Delete	5	2021-03-28	ramburs	5
<input type="checkbox"/>	Edit	Copy	Delete	6	2005-04-30	card	6
<input type="checkbox"/>	Edit	Copy	Delete	7	2021-03-31	card	7
<input type="checkbox"/>	Edit	Copy	Delete	8	2021-04-01	card	5

← → ↻ localhost/proiect/a_main.html ☆ 👤 ⋮

Apps Gmail YouTube Maps

Professional hair products store

Customers

Display

Update

Insert

Delete

Orders

Display

Update

Insert






















Delete

ID for selected order: 8

Delete the customer information

Deleting...The information was deleted!

Author: Nicoleta Badau

				nr_comanda	data	modalitate	id_client
<input type="checkbox"/>	 Edit	 Copy	 Delete	1	2021-03-22	card	1
<input type="checkbox"/>	 Edit	 Copy	 Delete	2	2021-03-24	ramburs	2
<input type="checkbox"/>	 Edit	 Copy	 Delete	3	2021-03-25	card	3
<input type="checkbox"/>	 Edit	 Copy	 Delete	4	2021-03-27	ramburs	4
<input type="checkbox"/>	 Edit	 Copy	 Delete	5	2021-03-28	ramburs	5
<input type="checkbox"/>	 Edit	 Copy	 Delete	6	2005-04-30	card	6
<input type="checkbox"/>	 Edit	 Copy	 Delete	7	2021-03-31	card	7

2.9 Update Hair product types

← → ↻ localhost/proiect/a_main.html ☆ 👤 ⋮

Apps Gmail YouTube Maps

Professional hair products store

[Update](#)
[Insert](#)
[Delete](#)

Hair product types

[Display](#)
[Update](#)
[Insert](#)
[Delete](#)

Manufacturers

[Display](#)
[Update](#)

Update the hair product types information

1. Select the hair product type

5 perle rotativa ▼

Submit

Author: Nicoleta Badau

← → ↻ localhost/proiect/a_main.html ☆ 👤 ⋮

Apps Gmail YouTube Maps

Professional hair products store

[Update](#)
[Insert](#)
[Delete](#)

Hair product types

[Display](#)
[Update](#)
[Insert](#)
[Delete](#)

Manufacturers

[Display](#)
[Update](#)

Update the hair product types information

2. Insert the new information

ID for selected hair product type: 5

Type hair product:

alte produse ▼

Products' number:

Enter products' number:

Models' number:

Enter models' number:

Submit

Author: Nicoleta Badau

← → ↻ localhost/proiect/a_main.html ☆ 👤 ⋮
📱 Apps 📧 Gmail 📺 YouTube 🗺 Maps

Professional hair products store

Hair product types
[Display](#)
[Update](#)
[Insert](#)
[Delete](#)

Manufacturers
[Display](#)
[Update](#)
[Insert](#)
[Delete](#)

Update the hair product types information

2. Insert the new information

ID for selected hair product type: 5

Type hair product:

Products' number:

Models' number:

Author: Nicoleta Badau

← → ↻ localhost/proiect/a_main.html ☆ 👤 ⋮
📱 Apps 📧 Gmail 📺 YouTube 🗺 Maps

Professional hair products store

Hair product types
[Display](#)
[Update](#)
[Insert](#)
[Delete](#)

Manufacturers
[Display](#)
[Update](#)
[Insert](#)
[Delete](#)

Update the Hair product types information

The following information will be updated in the database:

ID: 5

Type hair product: perie rotativa

Type hair product: perie rotativa

Products' number: 23

Models' number: 6

3. Update customer information in database

Updating informaton...The information was updated!

Author: Nicoleta Badau

2.10 Insert into Hair product types

localhost/proiect/a_main.html

Apps Gmail YouTube Maps

Professional hair products store

[Update](#)
[Insert](#)
[Delete](#)
Hair product types
[Display](#)
[Update](#)
[Insert](#)
[Delete](#)
Manufacturers
[Display](#)
[Update](#)

Add a new hair product type

Hair product type:

Products' number:

Models' number:

Author: Nicoleta Badau

localhost/proiect/a_main.html

Apps Gmail YouTube Maps

Professional hair products store

[Update](#)
[Insert](#)
[Delete](#)
Hair product types
[Display](#)
[Update](#)
[Insert](#)
[Delete](#)
Manufacturers
[Display](#)
[Update](#)

Information about the hair product type

Hair product type: masina de tuns
Product's number: 22
Models' number: 1

Inserting information into database

The information was inserted!

Author: Nicoleta Badau

2.11 Delete from Hair product types

localhost/proiect/a_main.html

Apps Gmail YouTube Maps

Professional hair products store

[Update](#)
[Insert](#)
[Delete](#)

Hair product types

[Display](#)
[Update](#)
[Insert](#)
[Delete](#)

Manufacturers

[Display](#)
[Update](#)

Delete customer record

1. Select the hair product type

7 masina de tuns

Submit

Author: Nicoleta Badau

localhost/proiect/a_main.html

Apps Gmail YouTube Maps

Professional hair products store

[Update](#)
[Insert](#)
[Delete](#)

Hair product types

[Display](#)
[Update](#)
[Insert](#)
[Delete](#)

Manufacturers

[Display](#)
[Update](#)

ID for selected hair product type: 7

Delete the hair product type information

Deleting... The information was deleted!

Author: Nicoleta Badau

2.12 Update Manufacturers

localhost/proiect/a_main.html

Apps Gmail YouTube Maps

Professional hair products store

[Update](#)
[Insert](#)
[Delete](#)

Manufacturers

[Display](#)
[Update](#)
[Insert](#)
[Delete](#)

Orders list

[Display](#)
[Update](#)

Update the manufacturer information

1. Select the manufacturer name

Author: Nicoleta Badau

localhost/proiect/a_main.html

Apps Gmail YouTube Maps

Professional hair products store

[Update](#)
[Insert](#)
[Delete](#)

Manufacturers

[Display](#)
[Update](#)
[Insert](#)
[Delete](#)

Orders list

[Display](#)
[Update](#)

Update the manufacturer information

2. Insert the new information

ID for selected manufacturer: 6

Address:

Email:

Phone:

Author: Nicoleta Badau

← → ↻ localhost/project/a_main.html ☆ 👤 ⋮

Apps Gmail YouTube Maps

Professional hair products store

[Update](#)
[Insert](#)
[Delete](#)

Manufacturers

[Display](#)
[Update](#)
[Insert](#)
[Delete](#)

Orders list

[Display](#)
[Update](#)

Update the manufacturer information

The following information will be updated in the database:

ID: 6

Manufacturer name: PluieSoleil

Address: Str. Rue Basse 1

Email: pluiesoleil@gmail.com

Phone: 0784596222

3. Update customer information in database

Updating informaton...The information was updated!

Author: Nicoleta Badau

2.13 Insert into Manufacturers

← → ↻ localhost/project/a_main.html ☆ 👤 ⋮

Apps Gmail YouTube Maps

Professional hair products store

Hair product types

[Display](#)
[Update](#)
[Insert](#)
[Delete](#)

Manufacturers

[Display](#)
[Update](#)
[Insert](#)
[Delete](#)

Add a new manufacturer

Manufacturer name:

Address:

Email:

Phone:

Author: Nicoleta Badau

Professional hair products store

Hair product types

[Display](#)

[Update](#)

[Insert](#)

[Delete](#)

Manufacturers

[Display](#)

[Update](#)

[Insert](#)

[Delete](#)

Information about the manufacturer

Manufacturer name: Zass
Address: Str. Rue Bonn
Email: zass@gmail.com
Phone: 0784596234

Inserting information into database

The information was inserted!

Author: Nicoleta Badau

2.14 Delete from Manufacturers

Professional hair products store

[Update](#)

[Insert](#)

[Delete](#)

Manufacturers

[Display](#)

[Update](#)

[Insert](#)

[Delete](#)

Orders list

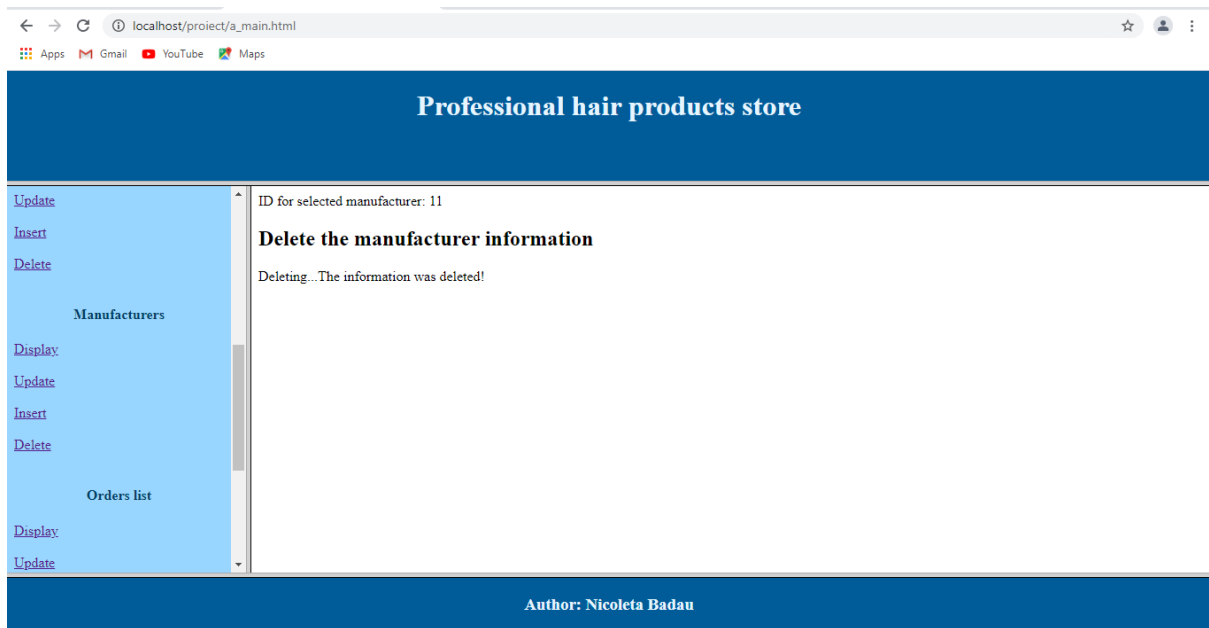
[Display](#)

[Update](#)

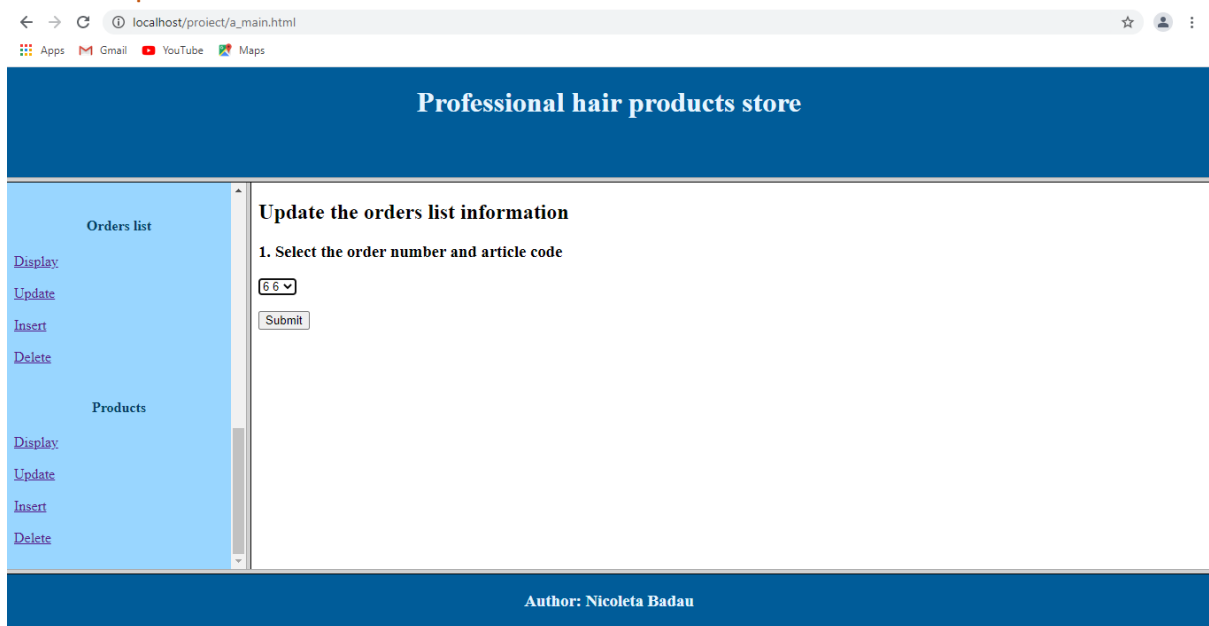
Delete manufacturer record

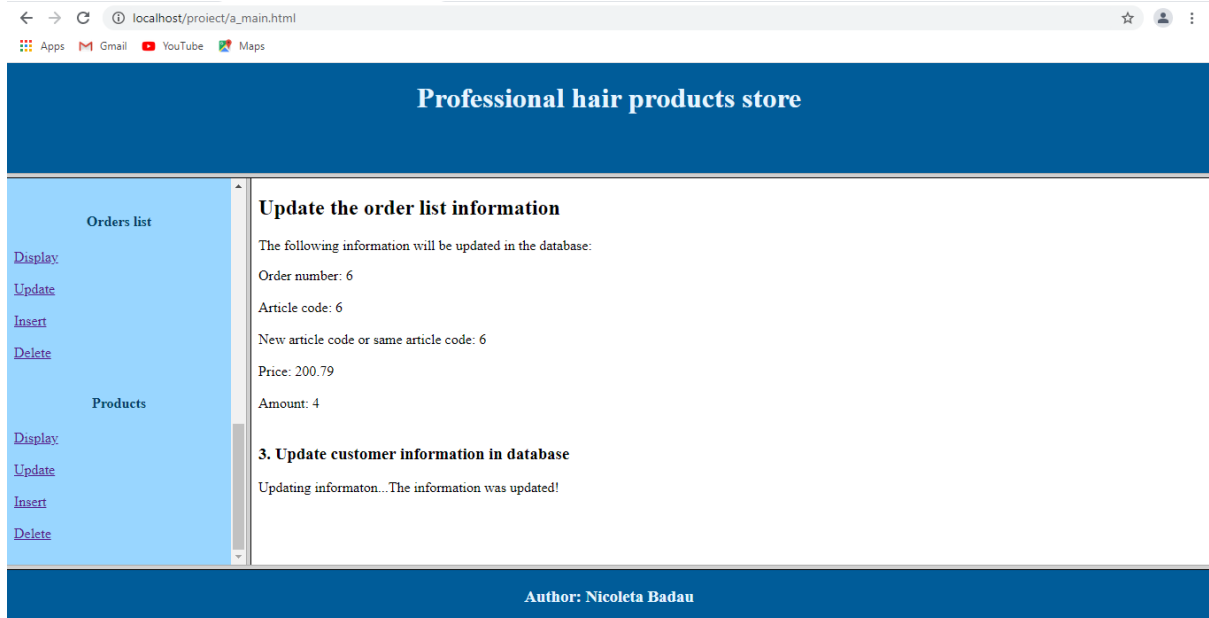
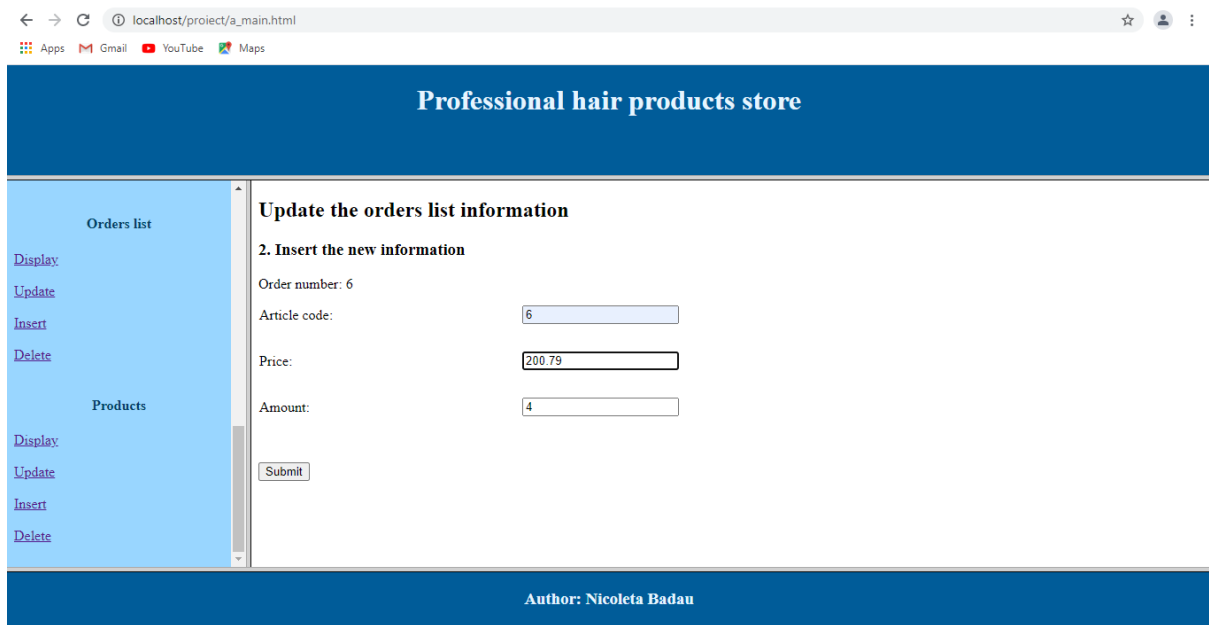
1. Select the manufacturer name

Author: Nicoleta Badau



2.15 Update Orders list





2.16 Insert into Orders list

localhost/proiect/a_main.html

Apps Gmail YouTube Maps

Professional hair products store

Orders list
[Display](#)
[Update](#)
[Insert](#)
[Delete](#)

Products
[Display](#)
[Update](#)
[Insert](#)
[Delete](#)

Add a new order in orders list

Order number:

Article code:

Price:

Amount:

Author: Nicoleta Badau

localhost/proiect/a_main.html

Apps Gmail YouTube Maps

Professional hair products store

Orders list
[Display](#)
[Update](#)
[Insert](#)
[Delete](#)

Products
[Display](#)
[Update](#)
[Insert](#)
[Delete](#)

Information about the customer

Order number: 7
Article code: 6
Price: 100.79
Amount: 1

Inserting information into database

The information was inserted!

Author: Nicoleta Badau

2.17 Delete from Orders list

localhost/proiect/a_main.html

Apps Gmail YouTube Maps

Professional hair products store

Orders list
[Display](#)
[Update](#)
[Insert](#)
[Delete](#)

Products
[Display](#)
[Update](#)
[Insert](#)
[Delete](#)

Delete orders list record

1. Select the order number

Submit

Author: Nicoleta Badau

localhost/proiect/a_main.html

Apps Gmail YouTube Maps

Professional hair products store

Orders list
[Display](#)
[Update](#)
[Insert](#)
[Delete](#)

Products
[Display](#)
[Update](#)
[Insert](#)
[Delete](#)

Order number: 7

Delete the order list information

Deleting...The information was deleted!

Author: Nicoleta Badau

2.18 Update Products

localhost/proiect/a_main.html

Apps Gmail YouTube Maps

Professional hair products store

Orders list
[Display](#)
[Update](#)
[Insert](#)
[Delete](#)

Products
[Display](#)
[Update](#)
[Insert](#)
[Delete](#)

Update the product information

1. Select the article code

6 PluieSoleil Professional Iron Technology

Submit

Author: Nicoleta Badau

localhost/proiect/a_main.html

Apps Gmail YouTube Maps

Professional hair products store

Orders list
[Display](#)
[Update](#)
[Insert](#)
[Delete](#)

Products
[Display](#)
[Update](#)
[Insert](#)
[Delete](#)

Update the product information

2. Insert the new information

Article code: 6

Product's name: PluieSoleil Professional Iron

Manufacturer's price: 100.78

Submit

Author: Nicoleta Badau

← → ↻ localhost/project/a_main.html ☆ 👤 ⋮

Apps Gmail YouTube Maps

Professional hair products store

Orders list

[Display](#)

[Update](#)

[Insert](#)

[Delete](#)

Products

[Display](#)

[Update](#)

[Insert](#)

[Delete](#)

Update the product information

The following information will be updated in the database:

Article code: 6

Manufacturer code: 6

Product's name: PluieSoleil Professional Iron Technology

Manufacturer's price: 100.78

3. Update product information in database

Updating information...The information was updated!

Author: Nicoleta Badau

2.19 Insert into Products

← → ↻ localhost/project/a_main.html ☆ 👤 ⋮

Apps Gmail YouTube Maps

Professional hair products store

Orders list

[Display](#)

[Update](#)

[Insert](#)

[Delete](#)

Products

[Display](#)

[Update](#)

[Insert](#)

[Delete](#)

Add a new product

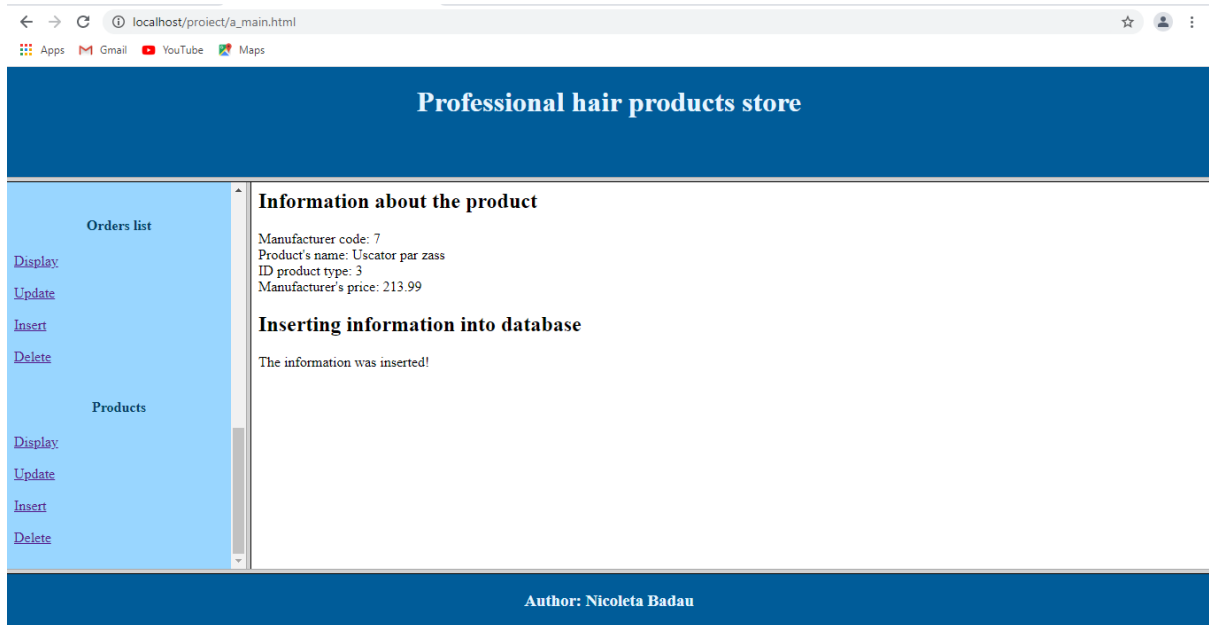
Manufacturer code:

Product's name:

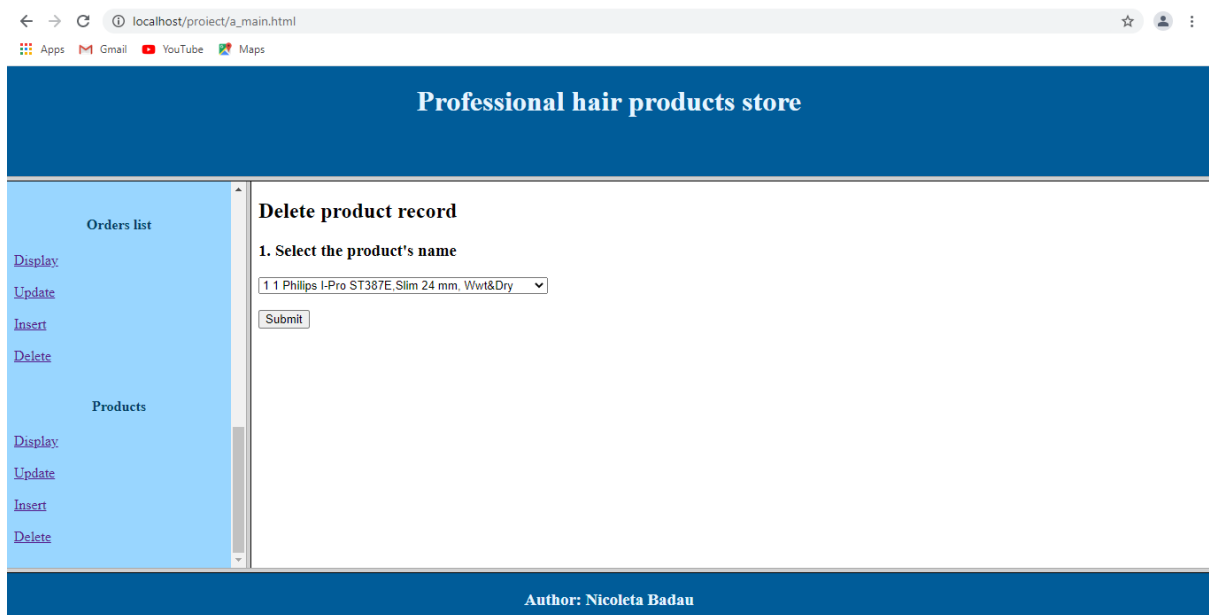
ID product type:

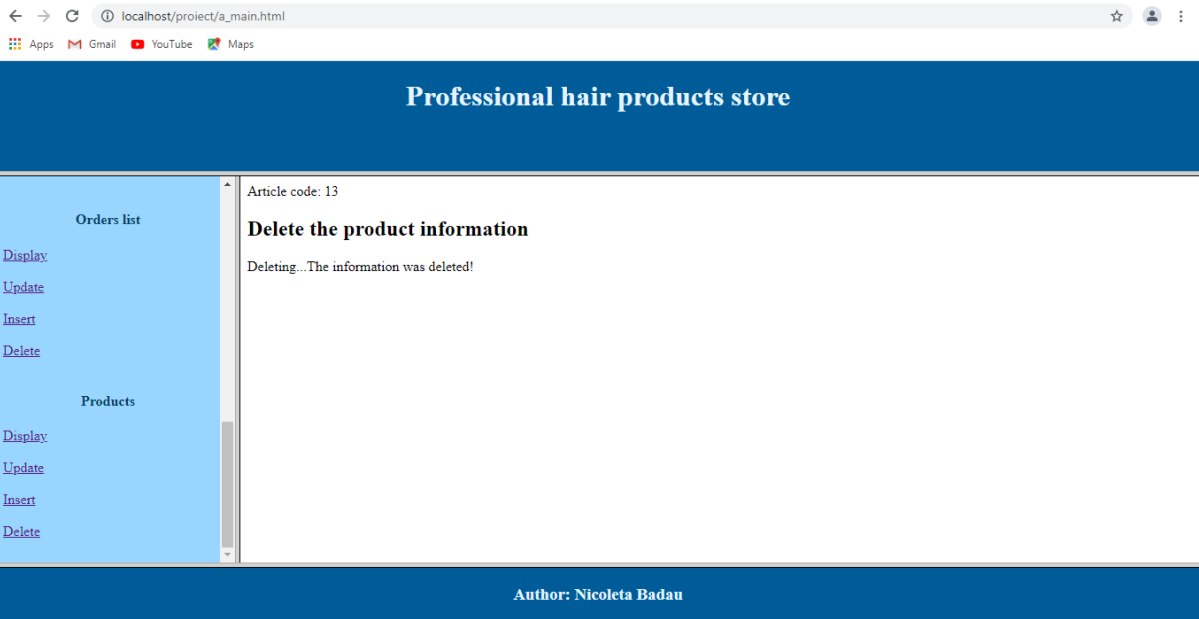
Manufacturer's price:

Author: Nicoleta Badau



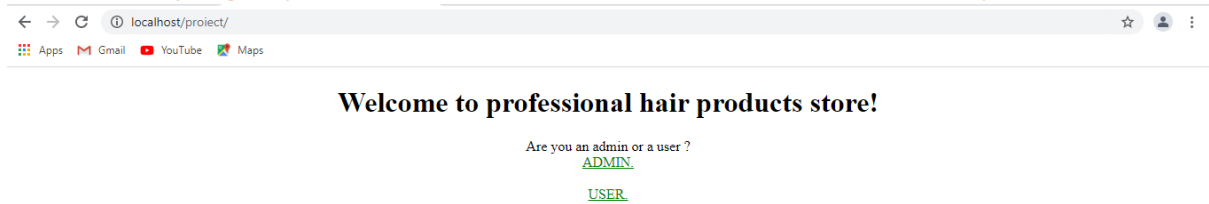
2.20 Delete from Products





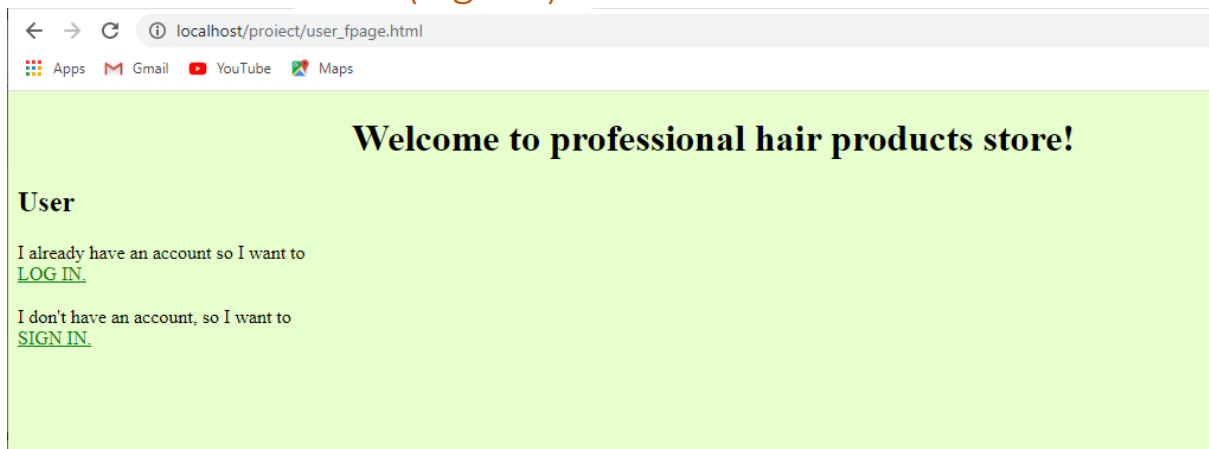
Chapter3.The User Manual

3.1 First page (choose admin or user->choose user)



Choose User (click USER)

3.2 Create new user (Sign in)



We click SIGN IN

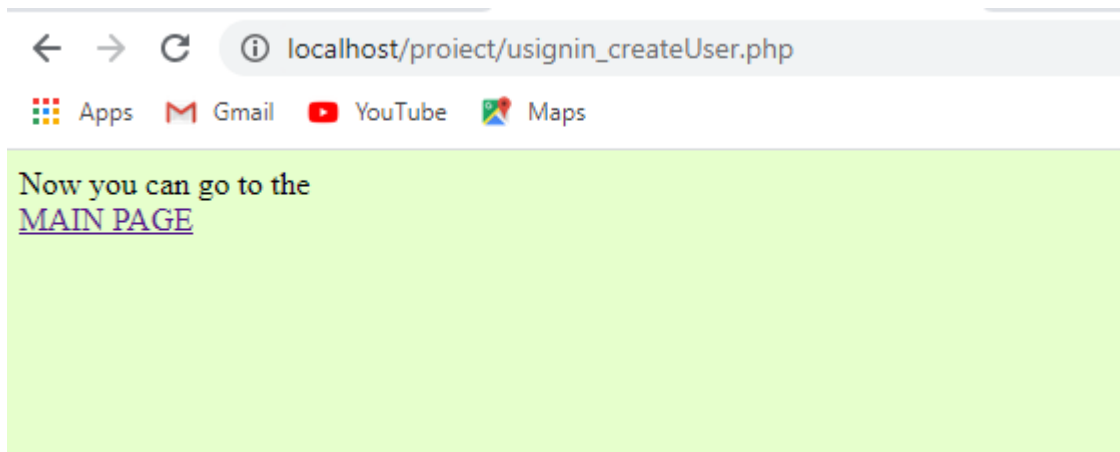
You must choose an username and a password.

And after this, you click **Submit**.



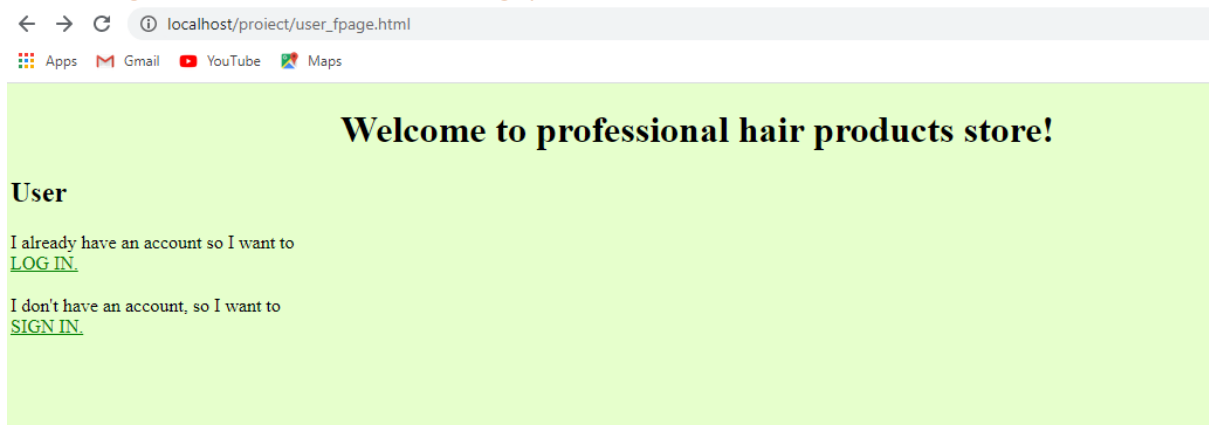
Ex: The chosen username is George.

The chosen password is george12.

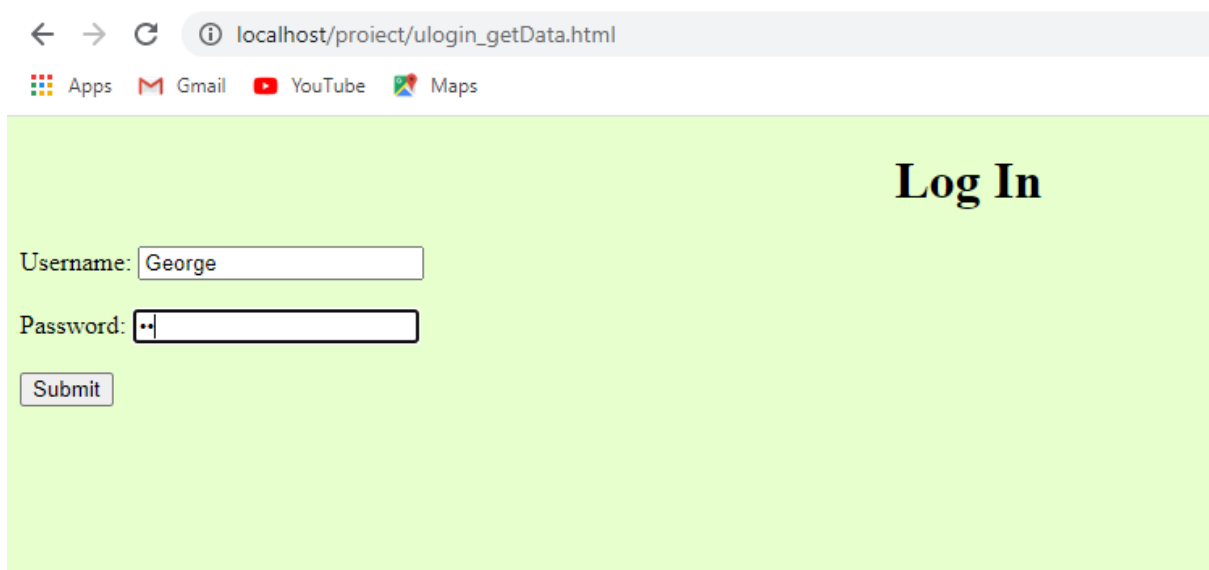


The link will send you to the main page.

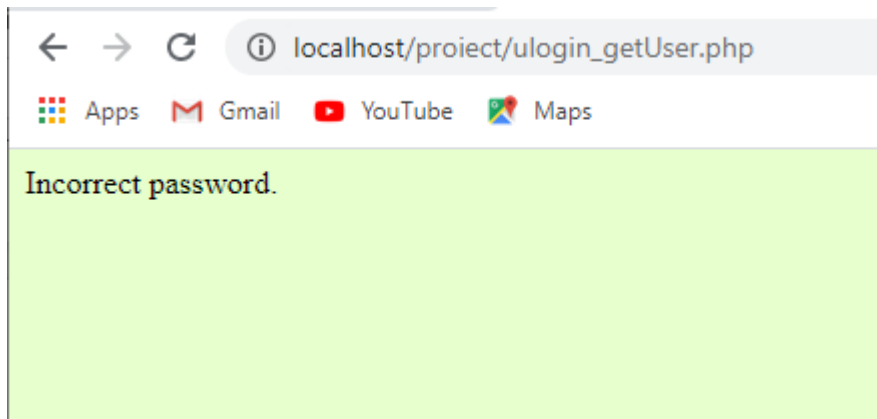
3.3 Log in user with wrong password



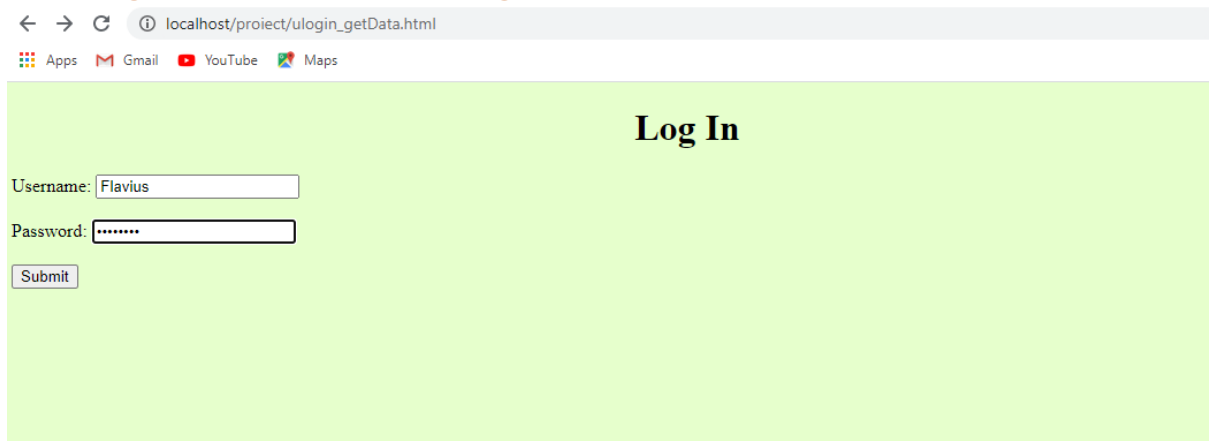
Click LOG IN



The password is 12 that is wrong.

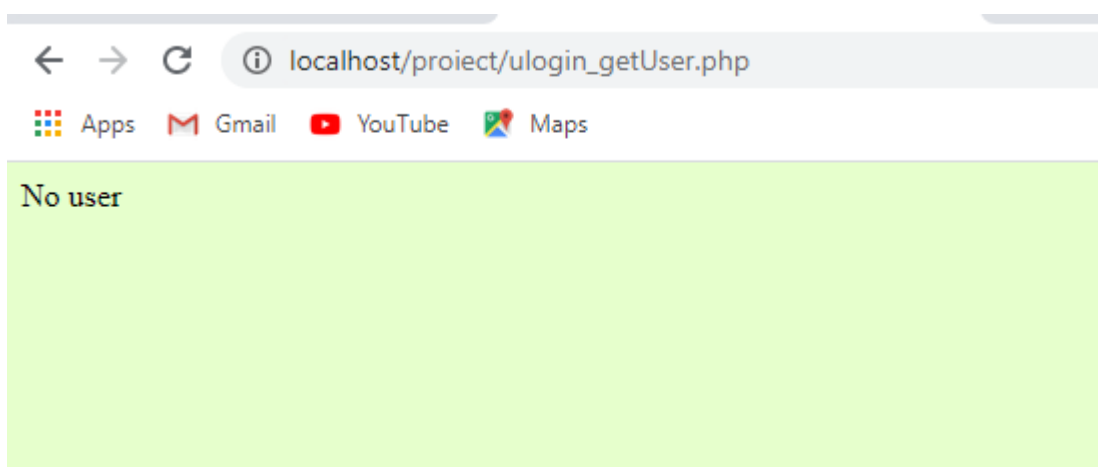


3.4 Log in user with wrong username

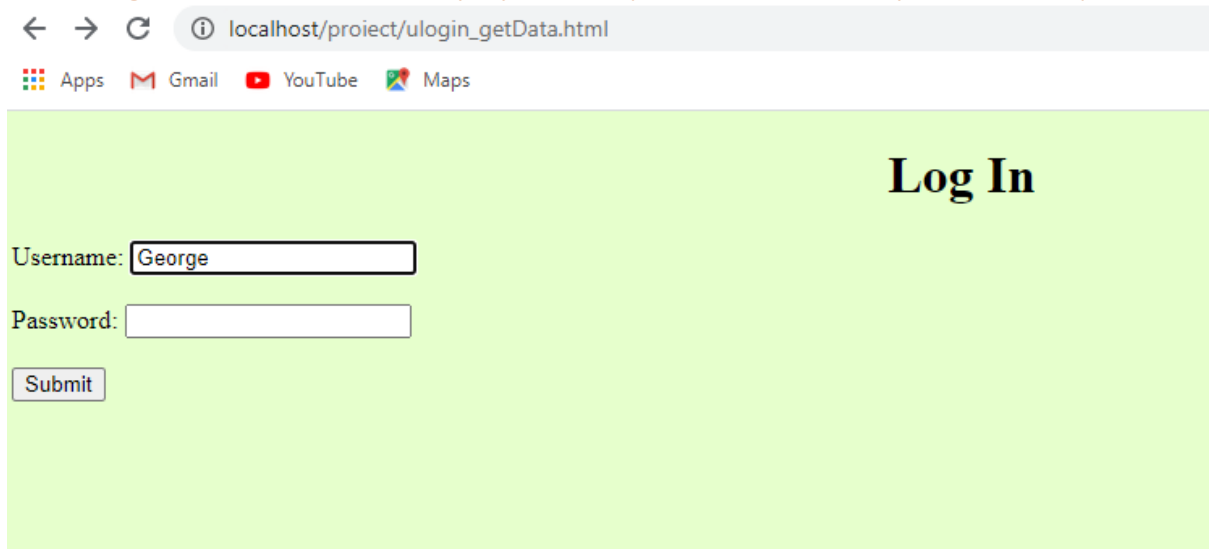


The username doesn't exist, click back and register the user and password in Sign in.

(The username doesn't exist in table conturi_user from database.)



3.5 Log in user with empty field (username or password)



← → ↻ ⓘ localhost/project/ulogin_getData.html

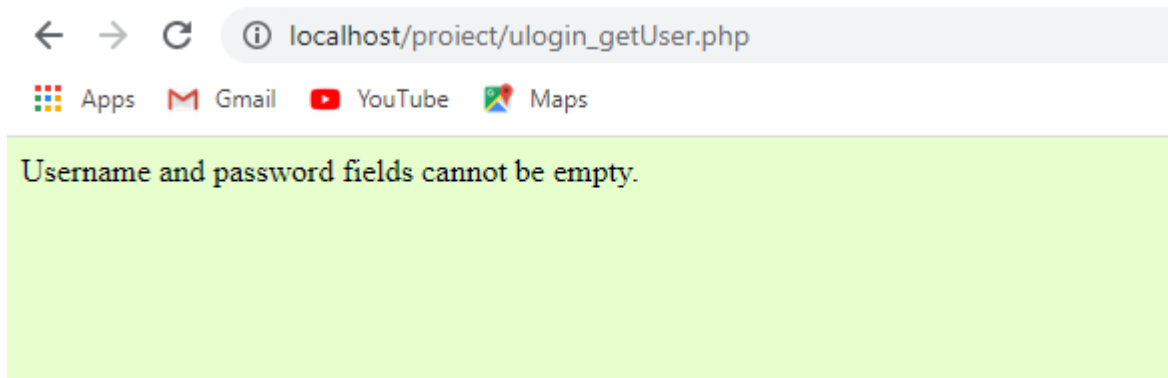
Apps Gmail YouTube Maps

Log In

Username:

Password:

If you leave empty fields. Pay attention to this!!!

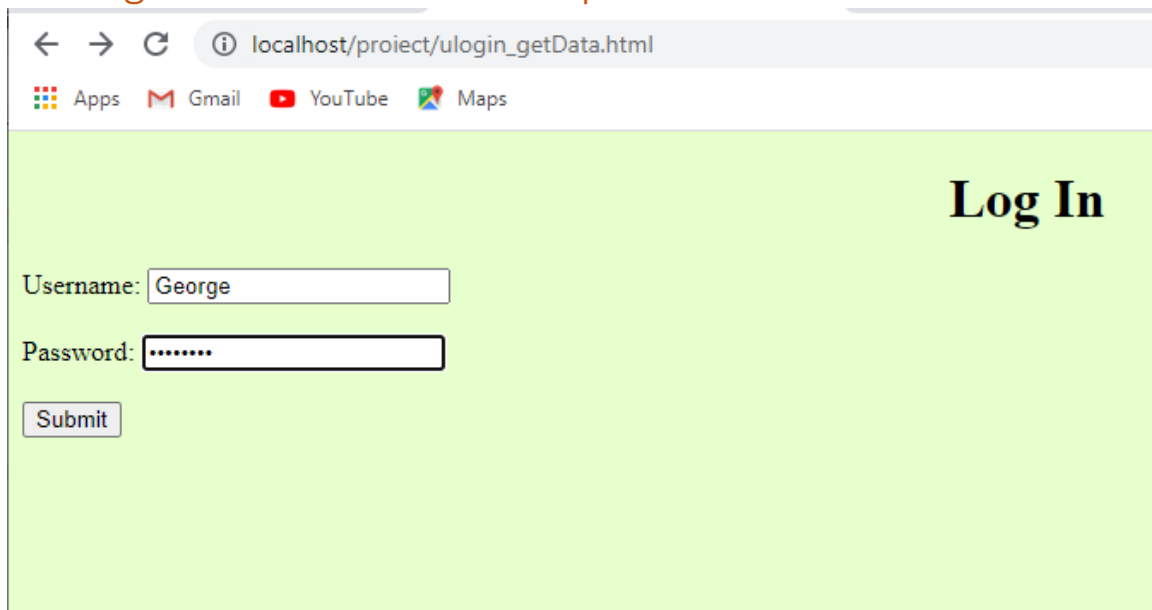


← → ↻ ⓘ localhost/proiect/ulogin_getUser.php

Apps Gmail YouTube Maps

Username and password fields cannot be empty.

3.6 Log in admin with correct password



← → ↻ ⓘ localhost/project/ulogin_getData.html

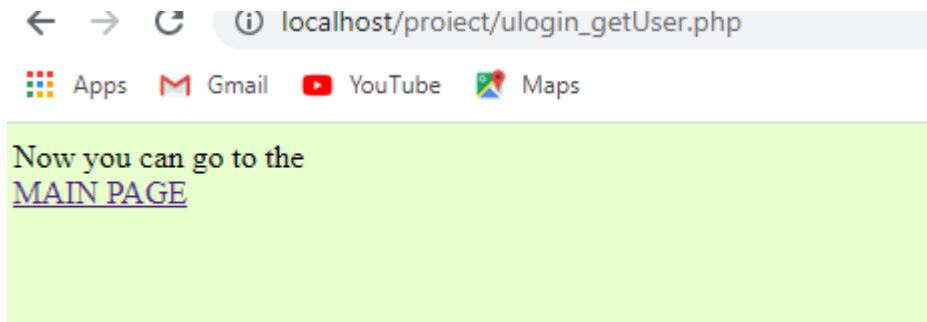
Apps Gmail YouTube Maps

Log In

Username:

Password:

The link will send the user to the main page



3.7 Display for each table (user)

The user can see Hair product types, Manufacturers, Products.

3.7.1 Hair product types

You can see the types of hair products that are available in store, and also number of product and models's number.

A screenshot of a web application interface. At the top, there is a dark blue header with the text "Professional hair products store". Below the header, on the left side, there is a light blue sidebar menu. The menu has a "Customers" section with links for "Update", "Insert", and "Delete". Below that, there is a "Hair product types" section with a "Display" link. Further down, there are "Manufacturers" and "Products" sections, each with a "Display" link. The main content area on the right is titled "Hair product types" and contains a table with the following data:

ID product type	Type hair product	Products' number	Models' number
1	alte produse	115	25
2	placa de par profesionala	139	5
3	uscator de par	140	10
4	ondulator	100	4
5	perie rotativa	23	6

At the bottom of the page, there is a dark blue footer with the text "Author: Nicoleta Badau".

3.7.2 Manufacturers

You can see manufacturers of this type of products and their contacts.

The screenshot shows a web browser at localhost/project/u_main.html. The application has a dark blue header with the title 'Professional hair products store'. On the left, there is a light blue sidebar with a vertical menu containing 'Customers', 'Update', 'Insert', 'Delete', 'Hair product types', 'Display', 'Manufacturers', 'Products', and 'Display'. The main content area displays the 'Manufacturers' table with the following data:

Manufacturer code	Manufacturer name	Address	Email	Phone
1	Philips	Str. Jan Pieter Heijestraat	philips@gmail.com	0724489991
2	Rowenta	Str. Erbach in Odenwald	rowenta@gmail.com	0774875395
3	Braun	Str. One Retail GmbH	braun@gmail.com	0724345313
4	Remington	Str. Middleton	remington@gmail.com	0783483743
5	BaByliss	Str. Mario Rossi	babyliss@gmail.com	0731242342
6	PluieSoleil	Str. Rue Basse 1	pluiesoleil@gmail.com	0784596222
7	zass	Str. Rue Bon	zass@gmail.com	078348322

At the bottom of the page, there is a dark blue footer with the text 'Author: Nicoleta Badau'.

3.7.3 Products

You can see the products that are available in store and also manufacturer's price.

The screenshot shows the same web browser and application as the previous image. The sidebar menu is the same, but the main content area displays the 'Products' table with the following data:

Article code	Manufacturer code	Product's Name	ID product type	Manufacturer's price
1	1	Philips I-Pro ST387E, Slim 24 mm, Wwt&Dry	2	329.99
2	2	Rowenta PRO-Ceramic Extra S5525, 230 grade	2	109.99
3	3	Braun StyleCare BHH811/00	4	145
4	4	Remington StyleMix 2020CE	4	300.79
5	5	BaByliss Expert Protect D362E, 2300 W	3	500
6	6	PluieSoleil Professional Iron Technology	3	100.78

At the bottom of the page, there is a dark blue footer with the text 'Author: Nicoleta Badau'.

3.8 Update Customers

You can update data about you, if you want to modify something, selecting your name and click on the **Submit** button.

Professional hair products store

Customers

Update
Insert
Delete

Hair product types

Display

Manufacturers

Display

Products

Display

Update the customer information

1. Select the customer name

Marincas Madalina ▼

Submit

Author: Nicoleta Badau

Now here, you can introduce new data that you want to modify and after click on **Submit** button.

Professional hair products store

Customers

Update
Insert
Delete

Hair product types

Display

Manufacturers

Display

Products

Display

Update the customer information

2. Insert the new information

ID for selected customer: 10

Phone: Enter phone number:

Credit limit: Enter credit limit:

Email: Enter email:

Date of birth: Month: January Day: 1 Year: 2005

Submit

Author: Nicoleta Badau

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Professional hair products store

Customers

[Update](#)

[Insert](#)

[Delete](#)

Hair product types

[Display](#)

Manufacturers

[Display](#)

Products

[Display](#)

Update the customer information

2. Insert the new information

ID for selected customer: 10

Phone:

Credit limit:

Email:

Date of birth: Month: Day: Year:

Author: Nicoleta Badau

The new informations was modified successfully!

← → ↻ localhost/project/u_main.html ☆ 👤 ⋮

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Professional hair products store

Customers

[Update](#)

[Insert](#)

[Delete](#)

Hair product types

[Display](#)

Manufacturers

[Display](#)

Products

[Display](#)

Update the customer information

The following information will be updated in the database:

ID: 10

Name: Marincas

Surame: Madalina

Phone: 0733555666

Credit: 900

Email: mada@gmail.com

Date of birth: 1986-06-06

3. Update customer information in database

Updating informaton...The information was updated!

Author: Nicoleta Badau

3.9 Insert into Customers

If you need to insert new information about you.

The screenshot shows a web browser at localhost/proiect/u_main.html. The application has a dark blue header with the title 'Professional hair products store'. On the left is a light blue sidebar with a menu: 'Customers' (with links for Update, Insert, Delete), 'Hair product types' (with a Display link), 'Manufacturers' (with a Display link), and 'Products' (with a Display link). The main content area is titled 'Add a new customer' and contains a form with the following fields: 'Surname customer:' (text input with 'Popescu'), 'Name customer:' (text input with 'Andreea'), 'Phone:' (text input with '0784321435'), 'Credit limit:' (text input with '2000'), 'Email:' (text input with 'apopescu@gmail.com'), and 'Date of birth:' (Month: February, Day: 2, Year: 1982). At the bottom of the form are 'Submit' and 'Clear' buttons. A dark blue footer at the bottom of the page reads 'Author: Nicoleta Badau'.

After that you introduced the new information click **Submit** button or **Clear** button if you give up to this operation.

The screenshot shows the same web application after a successful insert. The main content area now displays 'Information about the customer' with the following details: Surname customer: Popescu, Name customer: Andreea, Phone: 0784321435, Credit limit: 2000, Email: apopescu@gmail.com, Date of birth: 1982-02-02, and Age (years): 39. Below this, there is a section titled 'Inserting information into database' which shows the message 'The information was inserted!'. The sidebar and footer remain the same as in the previous screenshot.

3.10 Delete from Customers

Select your surname and name to delete information about you and click **Submit**.

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Professional hair products store

Customers
[Update](#)
[Insert](#)
[Delete](#)
Hair product types
[Display](#)
Manufacturers
[Display](#)
Products
[Display](#)

Delete customer record

1. Select the customer name

Popescu Andreea ▾

Author: Nicoleta Badau

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Apps Gmail YouTube Maps

Professional hair products store

Customers
[Update](#)
[Insert](#)
[Delete](#)
Hair product types
[Display](#)
Manufacturers
[Display](#)
Products
[Display](#)

ID for selected customer: 12

Delete the customer information

Deleting...The information was deleted!

Author: Nicoleta Badau

References

- [1] Lisa Irby, *Create a Website .com*, Free HTML Tutorial, [[Free HTML Tutorial - Learning to Code HTML \(2createawebsite.com\)](#)]
- [2] Peter Cowburn, PHP Manual, [[PHP: PHP Manual - Manual](#)]
- [3] w3schools, HTML <frameset> Tag, [[HTML frameset tag \(w3schools.com\)](#)]
- [4] MySQLTUTORIAL, PHP MySQL Tutorial, [[MySQL Tutorial - Learn MySQL Fast, Easy and Fun.](#)]
- [5] tutorialspoint, Learn MySQL, [[MySQL Tutorial - Tutorialspoint](#)]

THANK YOU!