

FACULTATEA CALCULATOARE, INFORMATICA SI MICROELECTRONICA
UNIVERSITATEA TEHNICA A MOLDOVEI

MEDII INTERACTIVE DE DEZVOLTARE A PRODUSELOR SOFT
LUCRAREA DE LABORATOR#3

Web Development

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CHISINAU 2017

Laboratory work #3

1 Scopul lucrarii de laborator

Familiarizarea cu Web Development

2 Obiective

- Realizarea unui simplu Web Site personal
- Realizarea unui mockup corespunzatorul site-ului care urmeaza a fi realizat
- Familiarizarea cu HTML si CSS
- Interactiuni Javascript

3 Laboratory work implementation

3.1 Tasks and Points

- a) Realizeaza un mini site cu 3 pagini statice
- b) Site-ul trebuie sa pastreze toata informatia intr-o baza de date
- c) Site-ul trebuie sa contina AJAX Requests.

3.2 Analiza lucrarii de laborator

Click on "Link" or copy <https://github.com/OctavianCoroletchiTI154/MIDPS.git> pentru repozitoriul meu.

Task a:

Dupa realizarea mockup-ului, am inceput sa contruiesc la inceput pagina de baza, Home Page. Dupa aia, formam link-urile spre paginile exterioare, cum ar fi register-page, contact-page, utilizatorul deja logat, si diverse pagini dinamice, care se incarca odata cu nevoia de anumite necesitati. Toate acestea au fost realizate cu ajutorul limbajelor HTML, care mi-a permis sa construiesc paginile propriu-zise. Cu ajutorul CSS(Cascadin Style Sheets), am personalizat toate micile detalii, culorile si marimile. Aceasta a oferit o vizualizare cit mai placuta. Cu ajutorul limbajului PHP am facut conexiuni, cum ar fi cea cu baza de date.(-;Vezi fig a-1,a-2,a-3). Intreaga structura a site-ului va folosi fisierele aratate in fig a-4.

Task b:

Pentru a depozita toata informatia, cum ar fi cea a logarilor utilizatorilor, sau a produselor soft deja introduse pe site, am avut nevoie de o baza de date. Personal, am stocat toata informatia pe un server, toata aceasta fiind editata in phpMyAdmin, cu ajutorul MySql(-i Vezi Fig b-1). MySql este un limbaj aparte, cu comenzile specifice, INSERT, UPDATE, CREATE s.a. Aici am stocat toata informatia tilizatorilor, precum parole, email-uri sau toate produsele introduse pe site.Utilizatorul poate introduce produse direct pe site, care mai apoi in urma unei conexiuni cu baza de date, se va introduce cu ajutorul unor comenzi. Aceasta va ramine acolo pina la urmatoare necesitate.

Task c:

Pentru a folosi interactionari directe cu serverul, am folosit AJAX(Asynchronous JavaScript And XML) Request. Aceasta ne permite sa face update la pagina fara a se face un refresh. Acesta inter-actioneaza cu serverul in spatele paginii web. AJAX Request permite unele posibilitati pentru care putem crea pagini user-friendly si usor de utilizat, fara incarcari ulterioare de pagini. Atunci cind se va tasta un buton, sau face click pe o anumita portiune, se va putea permite anumite schimbari realizate direct.(Vezi figurile c-1,c-2,c-3,c-4)

3.3 Imagini

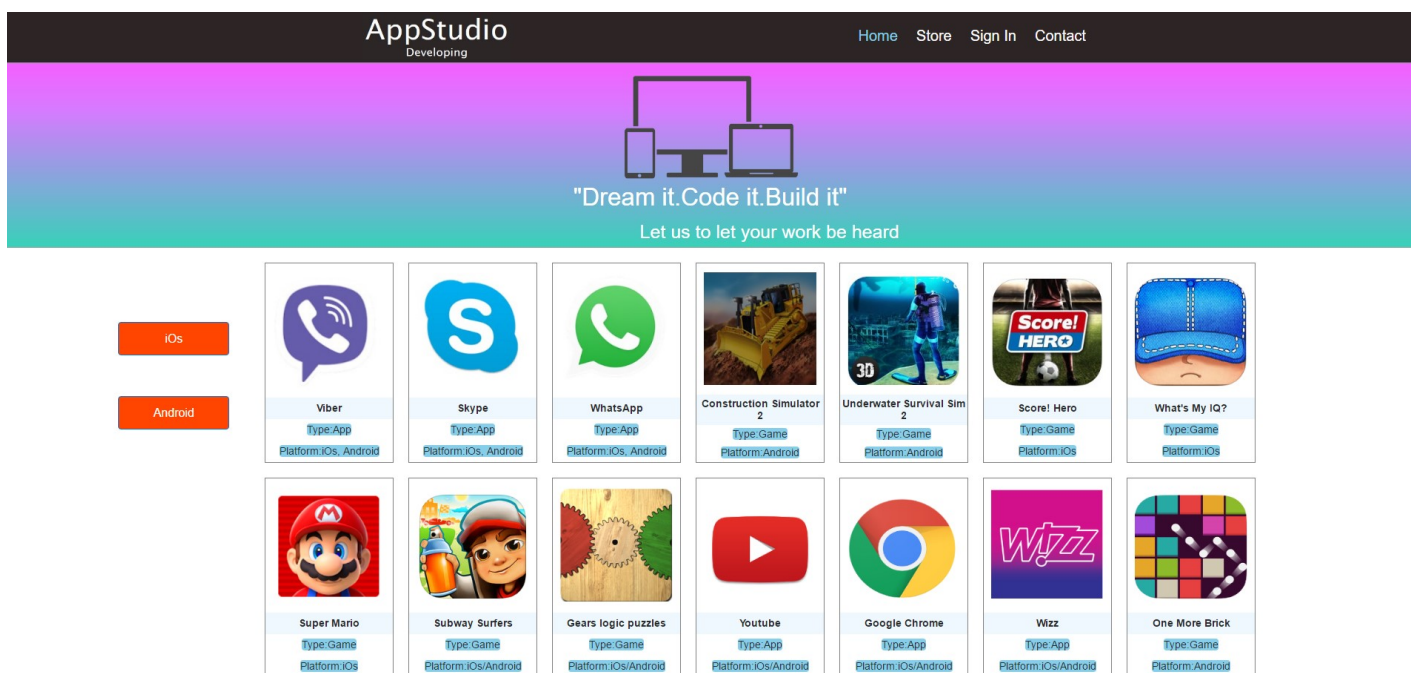


Fig a-1 - "Prima jumate a Home Page"

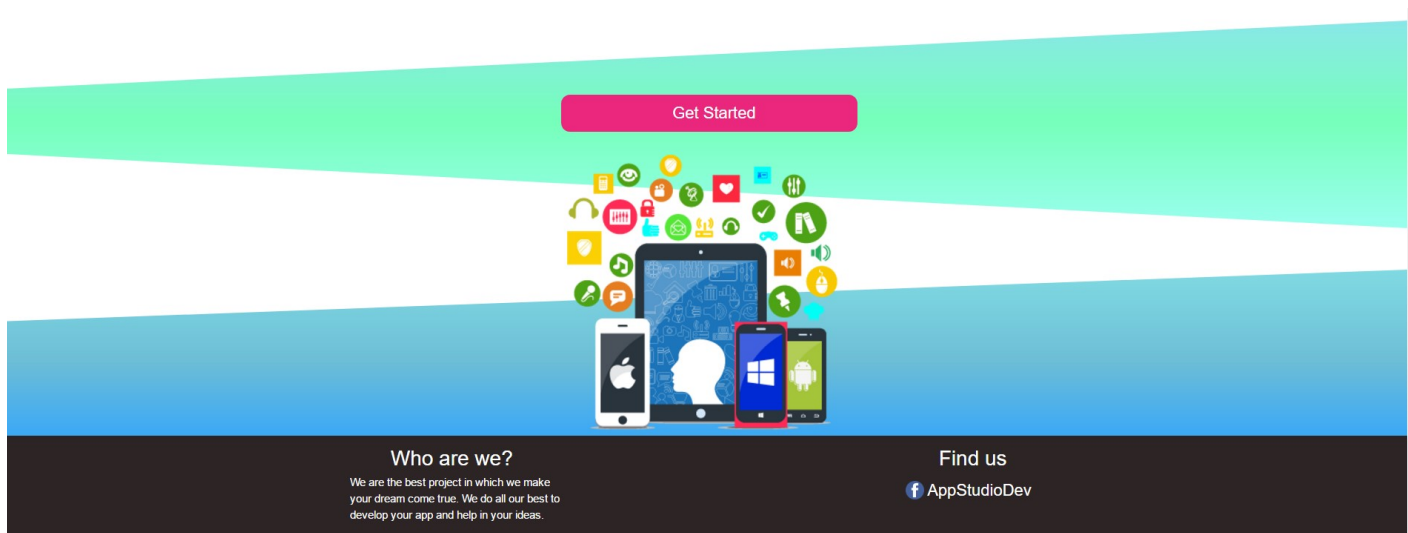


Fig a-2- "A 2-a jumate a Home Page"

AppStudio
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Home Store Sign In Contact

"Dream it.Code it.Build it"

Let us to let your work be heard

Get in touch!

Email address

Enter email

We'll never share your email with anyone else.

Subject

What would you like to ask us?

Submit

Fig a-3 - "Pagina Contact"













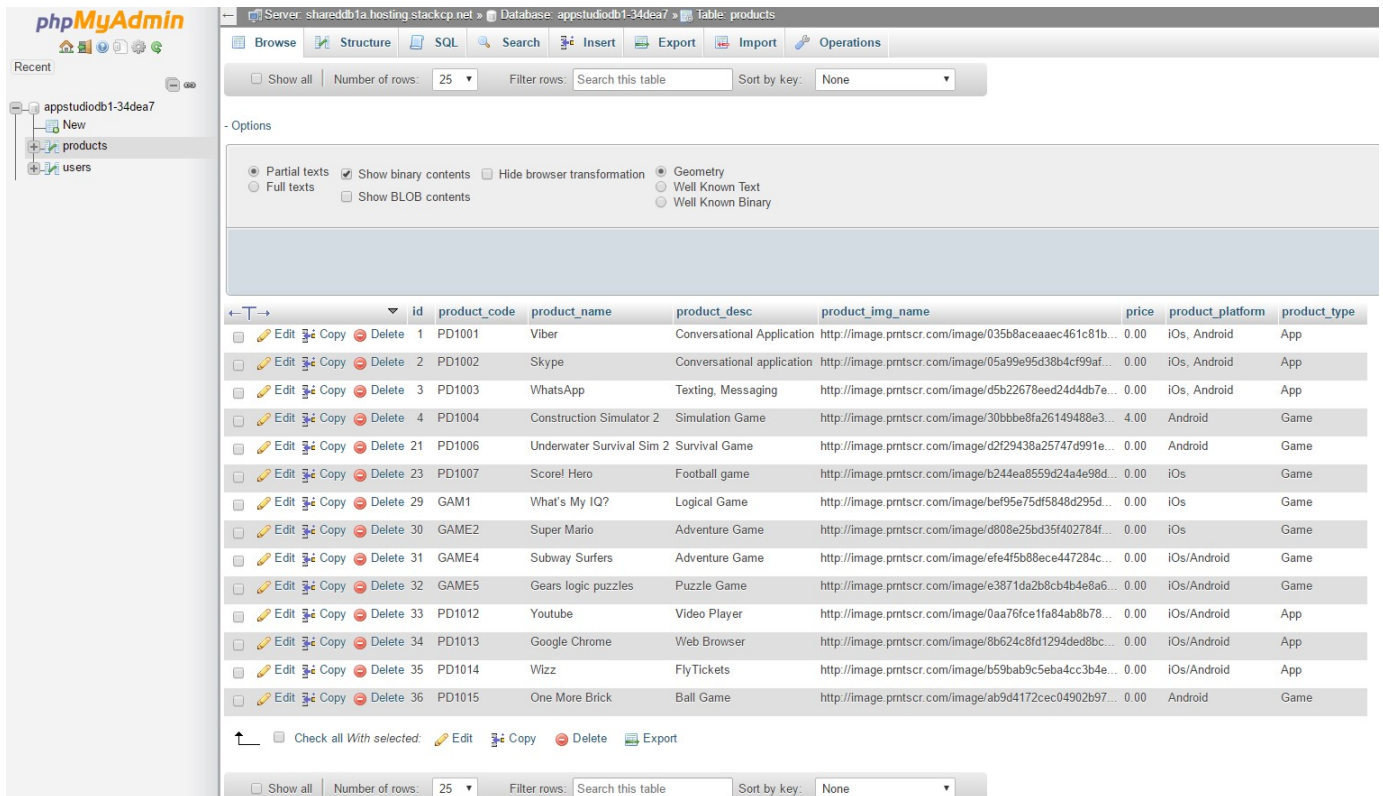
 add_item.php	19.04.2017 1:47	Файл "PHP"	6 КБ
 contact.php	19.04.2017 1:47	Файл "PHP"	8 КБ
 contact_nosign.php	19.04.2017 1:47	Файл "PHP"	8 КБ
 index.php	19.04.2017 1:47	Файл "PHP"	9 КБ
 Mockup.pdf	19.04.2017 1:47	Adobe Acrobat D...	80 КБ
 README.md	19.04.2017 1:47	Файл "MD"	1 КБ
 register_form.php	19.04.2017 1:47	Файл "PHP"	8 КБ
 script.js	19.04.2017 1:47	Файл "JS"	6 КБ
 sign_in.php	19.04.2017 1:47	Файл "PHP"	2 КБ
 signedin.php	19.04.2017 1:47	Файл "PHP"	13 КБ
 store.php	19.04.2017 1:47	Файл "PHP"	13 КБ
 style.css	19.04.2017 1:47	Файл "CSS"	6 КБ

Fig a-4 - "Fisierele utilizate"



The screenshot shows the phpMyAdmin interface for a database named 'appstudiodb1-34dea7'. The 'products' table is selected, and its structure is displayed. The table has 10 columns: id, product_code, product_name, product_desc, product_img_name, price, product_platform, and product_type. The data is listed in a table with 15 rows, each containing a product ID, code, name, description, image URL, price, platform, and type.











































	id	product_code	product_name	product_desc	product_img_name	price	product_platform	product_type
  	1	PD1001	Viber	Conversational Application	http://image.pmtscr.com/image/035b8aceaec461c81b...	0.00	iOS, Android	App
  	2	PD1002	Skype	Conversational application	http://image.pmtscr.com/image/05a99e95d38b4cf99af...	0.00	iOS, Android	App
  	3	PD1003	WhatsApp	Texting, Messaging	http://image.pmtscr.com/image/d5b22678eed24d4db7e...	0.00	iOS, Android	App
  	4	PD1004	Construction Simulator 2	Simulation Game	http://image.pmtscr.com/image/30bbe8fa26149488e3...	4.00	Android	Game
  	21	PD1006	Underwater Survival Sim 2	Survival Game	http://image.pmtscr.com/image/d2f29438a25747d991e...	0.00	Android	Game
  	23	PD1007	Score! Hero	Football game	http://image.pmtscr.com/image/b244ea8559d24a4e98d...	0.00	iOS	Game
  	29	GAM1	What's My IQ?	Logical Game	http://image.pmtscr.com/image/bef95e75df5848d295d...	0.00	iOS	Game
  	30	GAME2	Super Mario	Adventure Game	http://image.pmtscr.com/image/d808e25bd35f402784f...	0.00	iOS	Game
  	31	GAME4	Subway Surfers	Adventure Game	http://image.pmtscr.com/image/efe4f5b88ece447284c...	0.00	iOS/Android	Game
  	32	GAME5	Gears logic puzzles	Puzzle Game	http://image.pmtscr.com/image/e3871da2b8cb4b4e8a6...	0.00	iOS/Android	Game
  	33	PD1012	Youtube	Video Player	http://image.pmtscr.com/image/0aa76fce1fa84ab8b78...	0.00	iOS/Android	App
  	34	PD1013	Google Chrome	Web Browser	http://image.pmtscr.com/image/8b624c8fd1294ded0bc...	0.00	iOS/Android	App
  	35	PD1014	Wizz	FlyTickets	http://image.pmtscr.com/image/b59bab9c5eba4cc3b4e...	0.00	iOS/Android	App
  	36	PD1015	One More Brick	Ball Game	http://image.pmtscr.com/image/ab9d4172cec04902b97...	0.00	Android	Game

Fig b-1 - "Infatisarea bazei de date print intermediul phpMyAdmin"

AppStudio
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Home [Add Item](#) Store Welcome asd@mail.ru Contact Log Out

Add your app

Complete all the blanks with necessary information!

ID

Name

Description

Image

Price

Platform

Type

Fig c-1 - "Adaugarea produselor cu ajutorul AJAX Request"

Get in touch!

There were error(s) in your form:

The email field is required.
The subject field is required.
The content field is required.

Email address

We'll never share your email with anyone else.

Subject

What would you like to ask us?

Fig c-2 - "Afisarea erorilor cu ajutorul AJAX Request"

Log In

OR click on [REGISTER](#) if you don't have an account!

There were error(s) in your form:

The email field is required.

The password field is required.

Email address

Enter email

We'll never share your email with anyone else.

Password

Password

Submit

Close

Fig c-3 - "Afisarea erorilor cu ajutorul AJAX Request"

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Developing

Home Store [Sign In](#) Contact

Log In

OR click on [REGISTER](#) if you don't have an account!

Email address

Enter email

We'll never share your email with anyone else.

Password

Password

Submit

Close

Fig c-4 - "Logarea cu ajutorul AJAX Request"

Concluzie

In final am obtinut o pagina web functionabila, ce permite inregistrarea unui utilizator, un spatiu de logare, o forma de contactare a administratorului, adaugarea unor produse pe site s.a. Toate acestea au fost posibile datorita unor limbaje de redactare a paginilor web. Dintre instrumentele folosite pentru aceasta, se enumara: HTML, CSS, JavaScript, JQuery(AJAX Request), PHP. Acestea au permis crearea unor forme bine puse la punct pentru functionarea site-ului intr-o forma placuta. In viitor, voi putea dezvolta sau crea proiecte mai complicate.

References

1 <https://stackoverflow.com>

2 <https://www.w3schools.com>

3 <https://www.youtube.com/>