miniprix.ro

Final Project

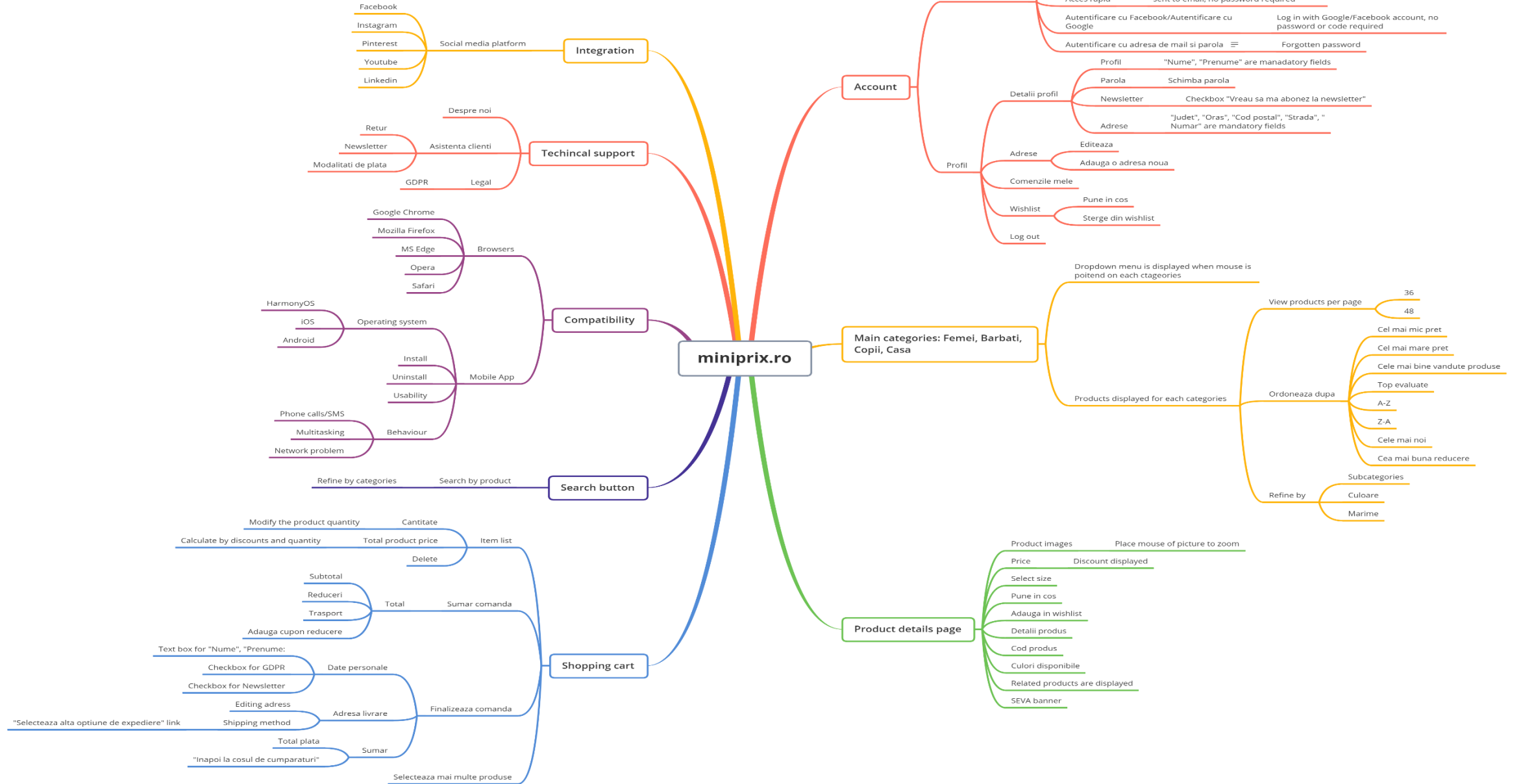Andreea Alexandra Ionascu

App Description

- Miniprix.ro
- Web site&mobile application
- Fashion store: clothes, shoes, accessories

Test approach

- Exploratory testing to decide if site is a good choice for the final project
- Creating mindmap to note down the main functionalities
- Write test cases
- Prepare test data
- Execute test cases
- Report bugs
- Write Test report

Used tools

- Xmind-mindmap
- TestLink-test case management
- Mantis-bug reporting
- Temp mail
- Paint, Snip&Sketch, Debut Video Capture Software
- Microsoft Word, Excel, PowerPoint

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Integration
- Social media platform
  - Facebook
  - Instagram
  - Pinterest
  - Youtube
  - Linkedin

Techincal support
- Asistenta clienti
  - Despre noi
  - Retur
  - Newsletter
  - Modalitati de plata
- Legal
  - GDPR

Compatibility
- Browsers
  - Google Chrome
  - Mozilla Firefox
  - MS Edge
  - Opera
  - Safari
- Operating system
  - HarmonyOS
  - iOS
  - Android
- Mobile App
  - Install
  - Uninstall
  - Usability
- Behaviour
  - Phone calls/SMS
  - Multitasking
  - Network problem

Search button
- Search by product
  - Refine by categories

Account
- Log In/Reigistration
  - Text field validation
    - Email field contains "nume@email.com"
    - Password field-at least 8 characters, 1 number, 1 upper case, 1 lower case
    - "Parola noua" has the exact input as " Confirma parola noua"
  - Acces rapid
    - Log in with email adress and security code sent to email, no password required
  - Autentificare cu Facebook/Autentificare cu Google
    - Log in with Google/Facebook account, no password or code required
  - Autentificare cu adresa de mail si parola
    - Forgotten password
- Profil
  - Detalii profil
    - Profil — "Nume", "Prenume" are manadatory fields
    - Parola — Schimba parola
    - Newsletter — Checkbox "Vreau sa ma abonez la newsletter"
    - Adrese — "Judet", "Oras", "Cod postal", "Strada", " Numar" are mandatory fields
  - Adrese
    - Editeaza
    - Adauga o adresa noua
  - Comenzile mele
  - Wishlist
    - Pune in cos
    - Sterge din wishlist
  - Log out

Main categories: Femei, Barbati, Copii, Casa
- Dropdown menu is displayed when mouse is poitend on each ctageories
- Products displayed for each categories
  - View products per page
    - 36
    - 48
  - Ordoneaza dupa
    - Cel mai mic pret
    - Cel mai mare pret
    - Cele mai bine vandute produse
    - Top evaluate
    - A-Z
    - Z-A
    - Cele mai noi
    - Cea mai buna reducere
  - Refine by
    - Subcategories
    - Culoare
    - Marime

Product details page
- Product images — Place mouse of picture to zoom
- Price — Discount displayed
- Select size
- Pune in cos
- Adauga in wishlist
- Detalii produs
- Cod produs
- Culori disponibile
- Related products are displayed
- SEVA banner

Shopping cart
- Item list
  - Cantitate — Modify the product quantity
  - Total product price — Calculate by discounts and quantity
  - Delete
- Sumar comanda
  - Total
    - Subtotal
    - Reduceri
    - Trasport
    - Adauga cupon reducere
- Finalizeaza comanda
  - Date personale
    - Text box for "Nume", "Prenume:
    - Checkbox for GDPR
    - Checkbox for Newsletter
  - Adresa livrare
    - Editing adress
    - Shipping method — "Selecteaza alta optiune de expediere" link
  - Sumar
    - Total plata
    - "Inapoi la cosul de cumparaturi"
- Selecteaza mai multe produse

Test Data

Feature	Test Case	TC number	Test Data	Test Data type	Expected results
Log in/Registration	Acces rapid	NT-QA-04-90	Email adress: galosoy697@1	invalid	Error message displayed
			Email adress: galosoy697@1adir.com	valid	User should be able to enter the security code
		NT-QA-04-92	Acces code: 111111	invalid	Error message displayed
			Acces code: 144173	invalid	Error message displayed
			Acces code: 410008	valid	User should be able to log in
	Creating account with email adress and password	NT-QA-04-96	Email adress: galosoy697@1adir.com	valid	User should be able to enter the passowrd
			Password: parola	invalid	Error message displayed
			Password: Parola12	valid	User should be able to log in
	Forgotten password	NT-QA-04-1403	Email adress: galosoy697@1adir.com	Valid	User should be able to introduce the new password
			Password: parola	invalid	Error message displayed
			Password: Parola23	valid	User should be able to introduce the security code
			Acces code: 633736	valid	Password changed
		NT-QA-04-1825	Email adrees: 1234567890Qwertyuiop:	invalid	Warning message displayed
			Email adrss:In addition to restrictions on syntax, there is a length limit on email addresses. That limit is a maximum of 64 ch		
		NT-QA-04-1826	Password: 1234567890Qwertyuiopasd	invalid	Warning message is displayed
			Password: Password1	valid	Logged in

My account	Edit personal information	NT-QA-04-108	Prenume:	invalid	Error message displayed
			Nume:	invalid	Error message displayed
			Prenume: Maria	valid	Error message displayed
			Nume:	invalid	
			Prenume: Maria	valid	Informations are saved
			Nume: Popescu	valid	
		NT-QA-04-1827	Prenume: 1234567890Qwertyuiopasdf	invalid	Warning message is displayed
			Nume: 1234567890Qwertyuiopasdfghj	invalid	Warning message is displayed
	Edit password	NT-QA-04-109	Password:	invalid	Error message displayed
			New password:	invalid	
			Password: parola	invalid	Error message displayed
			New password: parola	invalid	
			Password: Parola34	valid	Error message displayed
			New password: parola	invalid	
			Password: Parola34	valid	Password changed
			New password: Parola34	valid	
	Add adress	NT-QA-04-110	Strada:	invalid	Error message displayed
			Numar:	invalid	
			Strada: Calea Bucuresti	valid	Error message displayed
			Numar:	invalid	
			Strada: Calea Bucuresti	valid	Error message displayed
			Numar: 1	valid	
Search		NT-QA-04-117	Word:	invalid	Error message displayed
			Word: camasi	valid	List of product displayed
			Category: Camasi-Femei	valid	List of product displayed

Cart	Quantity	NT-QA-04-789	Quantity:	invalid	Error message displayed	
			Quantity: a	invalid	Error message displayed	
			Quantity !	invalid	Error message displayed	
			Quantity: -1	invalid	Error message displayed	
		NT-QA-04-790	Quantity: 11	invalid	Warninr mesaage is displayed	
			Quantity: 10	valid	Quantity saved	
	Checkout	NT-QA-04-998	Prenume:	invalid	Warning message is displayed	
			Nume:	invalid	Warning message is displayed	
			Telefon:	invalid	Warning message is displayed	
			Prenume: Maria	valid		
			Nume: Popescu	valid	Warning message is displayed	
			Telefon:	invalid		
			Prenume: Maria	valid		
			Nume: Popescu	valid	Warning message is displayed	
			Telefon: 123456789qwertyuiop[]\asdf	invalid		
			Telefon: 0789456123	valid	Informattion saved	
		NT-QA-04-1011	Denumire firma:	invalid		
			Nr. Reg. com:	invalid	Warning message is displayed	
			Cod fiscal:	invalid		
			Denumire firma: MPR	valid		
			Nr. Reg. com: J01 111111 2021	valid	Informations are saved	
			Cod fiscal: RO111111	valid		
		NT-QA-04-1913	Denumire firma: MPR	valid		
			Nr. Reg. com: qwerty!$qwerty!$qwert	invalid	Warning message is displayed	
			Cod fiscal: qwerty!$qwerty!$qwerty!$	invalid		
		NT-QA-04-1016	Strada:	invalid	Warning message	
			Strada: Calea Bucuresti	valid	Informations are saved	
		NT-QA-1017	Numar: 1111222233334444	valid		
			Nume: Maria Popescu	valid	Informations saved	
			Data expirare: 01/22	valid		
			CVV: 111	valid		

Applied testing type

- Smoke testing
- Exploratory testing
- Functional testing
- Usability testing
- UI testing
- Compatibility testing
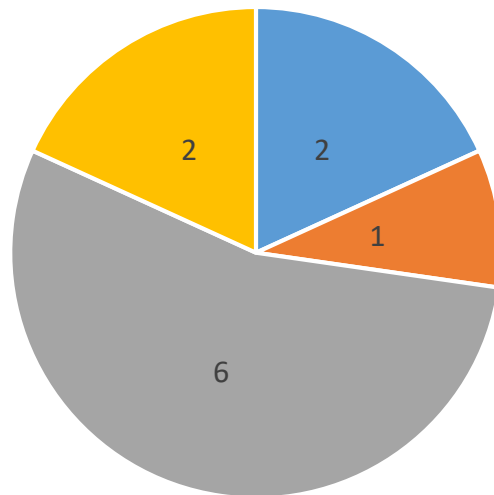- Positive testing
- Negative testing

Test cases overview

Functionality	Total	Pass	Failed	Blocked	Not Run	Defects
Log in/Registration	9	7	2			0030762, 0030962, 0030963
My Account	9	6	3			0030965, 0030966, 0030968
Wishlist	4	4				
Search	1	1				
Main Categories	4	3	1			0031043, 0031044, 0031047, 0031048, 0031049
Product Page	4	4				
Shopping Cart	11	10			1	
Checkout	8	6	2			0031052, 0031053, 0031055, 0031056, 0031058, 0031059
Technical Support	4	4				
Mobile App	6	5	1			0031070, 0031071
NFR	4	4				
Total:	64	54	9		1	

Bugs overview

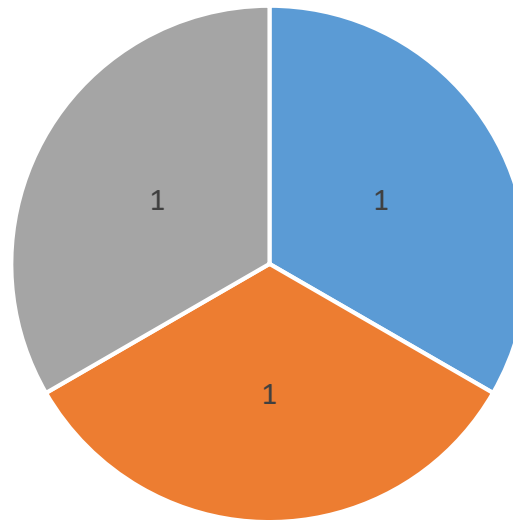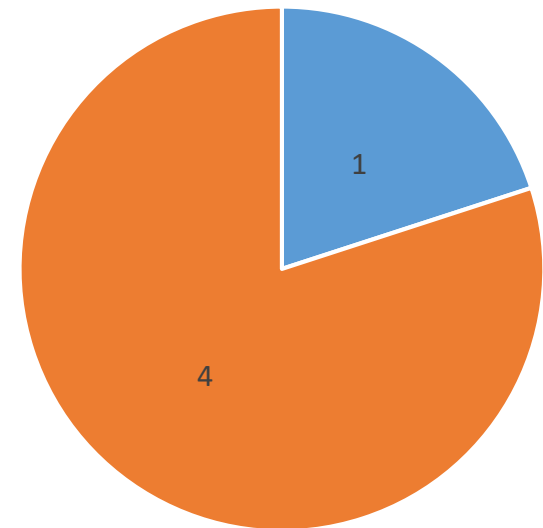| Defect ID	Defect summary	Severity
0030762	Autentificare-Acces rapid-User is allowed to log in with invalid email adress	major
0030962	Autentificare cu adresa de email si parola allowed invalid email address	major
0030963	Autentificare cu adresa de email si parola: password text field allowed a password that exceed the maximum lenght	normal
0030965	"Profil"-newsletter checkbox dosen't work	normal
0030966	"Profil": "Include datele companiei" dosen't work	major
0030968	Profile: "Prenume", "Nume" text fields dosen't have limit lenght	minor
0031043	Sorting by price ascending dosen't work on "Bluze si camasi de dama"	minor
0031044	Sorting by price descending dosen't work on "Bluze si camasi de dama"	minor
0031047	Sorting by name ascending dosen't work for "Bluze si camasi de dama"	minor
0031048	Sorting by name descending dosen't work for "Bluze si camasi de dama"	minor
0031049	Sorting by "Top evaluat" dosen't work	normal
0031052	Checkout: phone number field accepts non numeric characters	major
0031053	Checkout: phone number field accepts too many characters	major
0031055	Checkout: "Include datele companiei" - "Numar reg. com." accepts non numeric characters	major
0031056	Checkout: "Include datele companiei" - "Numar reg. com." invalid lenght	major
0031058	Checkout: "Include datele companiei" - "Cod fiscal" accepts non numeric characters	major
0031059	Checkout: "Include datele companiei" - "Cod fiscal" accepts invalid lenght	major
0031070	Mobile app crush whitouth internet signal and dosen't send any message	major
0031071	Mobile app crush dosen't refresh when the internet connection is restablished	major

Bugs overview

Conclusions

- Test cases for the main functionalities:, 85% cases passed, 14% cases failed and 1% not run. Most of the failed test cases are related to Checkout functionality.

- 19 bugs were identified, half of them were identified as major severity, the other half as normal or minor. No bugs were validated.

- The most frequent testing types applied were Functional Testing, Exploratory, Compatibility, Negative, Positive, UI, Usability.

- Exploratory testing was performed for important functionalities. Most of bugs were identified by performing Negative Testing.

- Compatibility testing was performed for different browsers and devices. The bugs could be reproduces on all browsers.

- Although the site is already in production, considering the number of major bugs identified, fixing at least half of them is recommended.

Lesson learned

- Write the test cases clear, simple, easy to read and understand
- Report bug: complete steps, easy to follow
- Use real data for testing
- Exploratory testing is very helpful if the requirements are missing
- Testing never ends