

1)

- Write the word on a piece of paper. Is it possible to erase a word with a rubber? Can you sharpen?  
(Functional)
- How comfortable it is to hold a pencil in your hand? Is the weight of the pencil in your hand comfortable? The size of the pencil is not too big for the hand?
- Is the rubber shape comfortable? Will the size of the rubber be comfortable to erase?  
(Usability)
- Is the pencil round? Is the shell colored? What color eraser? Is the packaging beautiful to the pencil?
- Is there a company logo on the pencil?  
(UI)
- Draw a line not on the sheet. It writes?  
Can you write a pencil with both your left and right hand?
- Can I keep a pencil in my bag? In the pencil case? In the box on the table?
- Erase with right and left hand?
- Erase the inscription not made with a pencil. Erases?
- Erase the inscription not on the sheet  
(compatibility)
- Throw the pencil to the ground.
- Bend the pencil.  
Immerse the pencil in water.
- Put the pencil in the sun.  
Pull the rubber.  
Immerse the rubber in water.
- Put the rubber in the sun  
(Stress)
- If a pencil breaks, is it possible to sharpen it? If I wipe all the eraser can i insert a new one?  
(recovery)
- How much paper I need for a pencil? How much paper I need for eraser? (performance)

- What happen if i eat a pencil? Is it safe to give to children a pencil? Is it possible to get injured with a pencil? Is the eraser safe for the skin? What happen if i eat rubber? Security
- Break a pencil. set fire to the pencil. Cut the rubber. set fire to the eraser. Negative test
- While writing, press the pencil many times and hard. During abrasion, press on the eraser many times and hard.
- Erase with an eraser on a piece of paper in the train.  
Load
- If you write a word and tilt the pencil at different angles, will the word be written?  
If you erase at different angles, will the erasure occur?  
Stability

2) I had visited the website and saw standard recommendations for everyone.

I had registered the user on the website and saw the same standard recommendations on the page.

While looking at the user's page, I looked at the computer mice. Computer mice appeared in the recommendations.

I opened an anonymous window in the browser and recomendation was standard, login to the user's account and saw that the recommendations appeared computer mice.

Cookies store all information about our actions on the site (browsing, shopping) and join the user session.

If an unregistered user looked at the goods or bought it and was in an anonymous window, then when he closes the window, his session and cookies disappear. He will no longer be able to see advertisements for his interests.

If a user is registered but has logged out of their account, their session ends and they will see a standard ad.

If the user is registered, then logging in to his account, he will always see ads for their past actions.

If we visit any page with the product and open the developer panel (f12), we may notice that our actions (page views, purchases) are recorded in the analytics. The Network tab has queries that generate analytics and send it to the server.

3)

- Correct email and password.
- Correct Email and incorrect password
- Invalid email and Invalid password.
- Incorrect email and correct password.
- Enter the correct password in the login, and the correct email in the password.
- Enter the wrong data, and then log in
- Enter the correct data, log out, log in under the correct ones.
- Clicked on login, but email and password are empty fields
- Clicked on login, but empty email
- Clicked on login, but empty password
- Incorrect characters (& ^% \$%) in the password.
- Invalid characters (& ^% \$%) in email.
- Are there a limited number of attempts to enter an incorrect login and password?
- Enter the correct emails, the correct password but in different lEtTeRs.
- Enter the email in different lEtTeRs, the password is correct.
- Enter in login field a lot of spaces and after them correct mail and correct password.
- Enter in login field correct mail and after a lot of spaces and correct password.
- If click the mouse in the middle of the page, the cursor flashes on the page.

- "Hepsiburada" logo should be displayed.
- The field name corresponds to each field
- Text in buttons are not too big
- Text in buttons are not too small
- Text in fields cannot be longer than fields.
- Check that the page is displayed correctly at different scales.
- If user didn't write his email, text should be appeared
- If user didn't write his password, text should be appeared
- If user didn't write his email and password two texts should be displayed.
- "I forgot my password" option should be displayed.
- "Sign in with your social account" option should be displayed.
- The login / registration button should be divided into two parts.
- The login/register functionality must be displayed inside black frame.
- In password field should be displayed "eye" icon.
- If user want to hide his password, password should be hidden.
- If user want to show his password, password should be available for watching.
- If password is hidden, eye icon should be displayed.
- If password available for watching eye icon should be crossed out.

I noticed interesting thing: If user visit login page 2 different moments, it can be noticed that in first one is displayed old design of login (only email), and in second one (email+phone number)

I used Owasp Zap to check security. He identified 15 dangers. Details can be found in the report.

Report: <https://drive.google.com/file/d/1Z6e6lOZHQNaxYTdQnCPX8byL2dBil8ln/view?usp=sharing>