1. Describe the steps for comprehensively testing of a pencil with an eraser on one end. Cases for all of types of testing (such as functional, usability, performance, load, stress, security and etc.) are expected here.
2. On the Main page of https://www.hepsiburada.com/ you can see the different Recommendations section with different products. These sections are also shown on Product Detail and Cart pages. What are these product suggestions, what is the rule for listing these products and showing them to the user? Full analysis is expected here.
3. Visit https://www.hepsiburada.com/ page, go to Login page and write Log in related manual tests cases (functional, UI, security etc). Only Log in cases are required, no need to cover Sign up cases. For cases listing any testing tool can be used

**Solutions:**

1.

| **Step** | **Test Case Description** | **Prerequisite** | **Expected Result** |
| --- | --- | --- | --- |
| 1. | Verify what you are holding is in fact a pencil |  | You are holding a Pencil. |
| 2. | Verify the brand of the pencil |  | The brand is ‘as expected’ |
| 3. | Verify the branding of the pencil as per the User Guidelines |  | The pencil marking is in accordance with the User's Guide. |
| 4. | Verify aesthetics and specifications as per the requirements. |  | aesthetics and technical characteristics are in accordance with the requirements |
| 5. | Shake the pencil and Verify the lead is intact |  | The lead of the sharpened pencil is intact and does not break. |
| 6. | Verify the pencil writes correctly with a sharp tip |  | The tip is sharp  The pencil writes without breaking. |
| 7. | Verify the hardness and softness of the lead are as expected |  | The expected hardness and softness of the lead is ‘as expected |
| 8. | Verify the pencil sharpens as expected |  | The pencil sharpens ‘as expected’ and the tip is sharp. |
| 9. | Verify that the text written with the pencil is readable/legible. |  | The text written with the pencil is readable/legible. |
| 10. | Check that the darkness/color of the text written by pencil is as per the specifications. |  | The darkness/color of the text written by pencil is as per the specifications. |
| 11. | Verify that the text written by pencil can be erased by normal erasers. |  | The text written by pencil can be erased by normal erasers. |
| 12. | Verify that the quality and strength of the pencil’s wood. |  | The quality and strength of the pencil’s wood is good |
| 13. | Verify that the length and radius of the pencil are as per the specification. |  | The length and radius of the pencil are as per the specification. |
| 14. | Verify that the pencil can be sharpened easily by a normal sharpener. |  | The pencil can be sharpened easily by a normal sharpener. |
| 15. | Verify the total length of text written before you need to sharpen the pencil again. |  | The total length of text written is ‘as expected |
| 16. | Verify that the pencil writes on the normally specified surfaces clearly. |  | The pencil writes on the normally specified surfaces clearly. |
| 17. | Verify the outer coloring of the pencil’s paint. |  | The outer coloring of the pencil’s paint is ‘as expected |
| 18. | Check the quality and strength of the pencil when immersed in water for some time. |  | The quality and strength of the pencil is normally |

2.

The 'Product recommendations' section is a small "product grid" (like on collection pages) that shows other products customers may be interested in buying (i.e. the "Related Products" section).

The algorithm that identifies recommended products predicts the most relevant products based on the product a customer is interacting with. The criteria that the algorithm uses depends on a merchant's online store, as well as their plan, however there are the following criteria in general:

Purchase history - Finds products that have historically been purchased together.

Product description - Finds products with similar descriptions.

Related collections - Finds products from collections that the current products is part of, excluding collections with handles all and frontpage.

3.

| **ID** | **Name** | **Test**  **description** | **Expected**  **result** | **Result** | **Comment** |
| --- | --- | --- | --- | --- | --- |
| 1. | Checking the visual parts of the site | 1. Go to <https://cutt.ly/uGAIBx9> 2. View the visual status of parts of the page | The visual parts of the site match the design | Pass |  |
| 2. | Checking the text for grammatical errors | 1.Go to <https://cutt.ly/uGAIBx9>  2.Check spelling of text on buttons and labels | Absence of grammatical errors | Pass |  |
| 3. | Checking website responsiveness on different devices | 1.Go to <https://cutt.ly/uGAIBx9> on different devices (mobile, web, table) | The visual parts of the site are not broken on different devices | Pass |  |
| 4. | Checking the transition to the register tab | 1.Go to <https://cutt.ly/uGAIBx9>  2. Click on the Register button | The user is redirected to the registration tab after clicking | Pass |  |
| 5. | Checking the transition to the "I need help" tab | 1.Go to <https://cutt.ly/uGAIBx9>  2. Click on the “I need help” button | The user is redirected to the “I need help” tab after clicking | Pass |  |
| 6. | Checking social network login as an authorized user | 1.Go to <https://cutt.ly/uGAIBx9>  2. Click on the social media button (Google,apple,facebook) | Go to personal account to personal data | Pass |  |
| 7. | Checking social network login as an unauthorized user | 1.Go to <https://cutt.ly/uGAIBx9>  2. Click on the social media button (Google,apple,facebook) | The user was redirected to the login page of social networks or account selection | Pass |  |
| 8. | Checking account login via mail | 1.Go to <https://cutt.ly/uGAIBx9>  2. Enter existing mail | The user was redirected to the personal account | Pass |  |
| 9. | Checking account login via phone number | 1.Go to <https://cutt.ly/uGAIBx9>  2.Enter existing phone number | The user was redirected to the personal account | Pass |  |
| 10. | Validating an empty value input | 1.Go to <https://cutt.ly/uGAIBx9>  2.Do not enter any values  3. Clicking on the “Login” button | The user is shown an error under the input | Pass |  |
| 11. | Checking for invalid email input | 1.Go to <https://cutt.ly/uGAIBx9>  2.Enter wrong mail format | The user is shown an error under the input | Pass |  |
| 12. | Checking for invalid phone number input | 1.Go to <https://cutt.ly/uGAIBx9>  2.Enter wrong phone mobile format | The user is shown an error under the input | Pass |  |
| 13. | Checking for special characters | 1.Go to <https://cutt.ly/uGAIBx9>  2.Enter special characters (#$%^&\*) | The user was unable to enter special characters | Pass |  |
| 14. | Checking the transition to the main page through the site logo | 1.Go to <https://cutt.ly/uGAIBx9>  2. Clicking on the Logo button | The user was redirected to the main page of the site | Pass |  |
| 15. | Checking the clicality of buttons | 1.Go to <https://cutt.ly/uGAIBx9>  2. Clicking on the all button | Buttons are clickable | Pass |  |
| 16. | Checking the multi-browser site | 1.Go to <https://cutt.ly/uGAIBx9> on different browser(Google, Opera, Safari) | The user did not see the broken visual parts of the site on other browsers | Pass |  |