| TITLE | **21. Add notifications on user’s actions under the newsletter subscription box** |
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| WHY | This feature will help a user to understand that his typed data is processed in the right way and increase the numbers of successful subscriptions.  As a user I want the system to give me notifications regarding my data inputs so I can understand if my input data is processing in the right way. |
| TODO | **Req.21.1**  When a user enters valid email data and presses a “SIGN UP” button, a notification **“Thank you for subscription!”** appears.  **Req.21.2**  When a user clicks on a “SIGN UP” button without entering any data, a notification “**Please, enter email**” appears and the email input frame is colored in red.  **Req.21.3**  When a user enters an email that has already registered under another user in the database, a notification “**This email has already been taken, please try another one**” appears and the email input frame with the typed text arecolored in red.    **Req.21.4**  When a user enters email after signing up in the system and this email is equivalent to the one that is used by this user for signing up to his account, a notification “**This email address has already subscribed**” appears and the email input frame with the typed text arecolored in red.    **Req.21.5**  For the invalid data email input, a notification “**This email format is not allowed here, please try another one**” appears and the email input frame with the typed text arecolored in red.    **Req.21.6**  When a user tries to make a correction of previously invalid typed data, a notification message along with red colors of input frame and text should disappear, until the “SIGN UP” button will be pressed once again. *! It is important to leave invalid email data (text) inside the input frame to simplify the correction for the user. So, only the color of text should be changed (set back to black) !*  The first user’s click on the email input field after submission attempt of the invalid data type should be the trigger point to set back text color to black and red frame disappear.    !See additional text style mockups examples of notifications in **“CONTENT”** and **“VISUALS / WIREFRAMES”** sections!    ! Visually, all notifications should appear right under the newsletter subscription box, there is plenty of space, so no need to create overlays or toast-notifications! |
| CONTENT | ! Invalid symbols and the formal email syntax definitions must be according RFC 5322 (sections 3.2.3 and 3.4.1) and RFC 5321 if there no any special regulations for the allowed email data input, that has been previously established at the project during the newsletter subscription module development (!!!*here must be link for such kind of requirements*!!!)!    Text style mockups:  **Req. 21.1**:  Thank you for subscription!– Font: Arial 11, Yellow color.    **Req. 21.2**:  Please, enter email – Font: Arial 11, Red color.    **Req. 21.3**:  This email has already been taken, please try another one – Font: Arial 11, Red color.    **Req. 21.4**:  This email address has already subscribed – Font: Arial 11, Red color.    **Req. 21.5:**  This email format is not allowed here, please try another one – Font: Arial 11, Red color.    Email input frame line thickness – 3 pixel, Red color. |
| VISUALS / WIREFRAMES | Visual notification descriptions for the requirements can be found by links:  **Req. 21.1**: <https://app.screencast.com/xsWhalGixr13o>  **Req. 21.2**: <https://app.screencast.com/CwRtOPNEKTBgm>  **Req. 21.3**: <https://app.screencast.com/arw9QqkRDLsQU>  **Req. 21.4**: <https://app.screencast.com/O0nxaCP515n0q>  **Req. 21.5**: <https://app.screencast.com/jAIyIM64d9X83>  **Req. 21.6**: <https://app.screencast.com/xTW197U7luNIM> |
| HOW TO TEST | **Req. 21.1 Test**:  *Preconditions:* Use the email that is not in the user's database.  *Steps to reproduce:*  -Input valid email data: **test-example@yopmail.com**  -Press “SIGN UP” button  -Check email database to verify it updated with as-entered email  *Expected result:*  - A notification Thank you for subscription! appears under the email input box  - The email **test-example@yopmail.com** present in email database    **Req. 21.2 Test**:  *Steps to reproduce:*  -Leave email input box clear  -Press “SIGN UP” button  *Expected result:*  -A notification Please, enter email appears under the email input box and the email input frame is colored in red.    **Req. 21.3 Test**:  *Preconditions:* You must be logged out of the system. Use the email that has already been added to the database and subscribed.  *Steps to reproduce:*  -Input email data: **test-example@yopmail.com**  -Press “SIGN UP” button  *Expected result:*  -A notification This email has already been taken, please try another one appears and the email input frame with the typed text arecolored in red.    **Req. 21.4 Test**:  *Steps to reproduce:*  *Sign in the system using following credentials:*  -email: **test-example@yopmail.com**  -password: **testPass777**  -Input email data into subscription box: **test-example@yopmail.com**  -Press “SIGN UP” button  *Expected result:*  -A notification This email address has already subscribed appears and the email input frame with the typed text arecolored in red.    **Req. 21.5 Test**:  *Steps to reproduce:*  -Input email data with prohibited symbols into email input field: **Ex@.mple.@gmail.c@m**  -Press “SIGN UP” button  *Expected result:*  -A notification This email format is not allowed here, please try another one appears and email input frame with the typed text arecolored in red    **Req. 21.6 Test**:  *Steps to reproduce:*  -Input email data with prohibited symbols into email input field: **x@.mple.@gmail.c@m**  -Press “SIGN UP” button  -Make a click on any space within email input field  *Expected result:*  -Red frame round the email input field disappears.  -Text inside email input field changes its color from red to black |