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| **MODUL REGISTER** |

**Register Page**

Kao neulogovan korisnik imam mogućnost da pristupim Register stranici (/register) i da kreiram novi account preko nje. Na stranici vidim polja: first name, last name, email, password, confirm password, checkbox za “I accept terms and conditions” i button “Register”. Potrebno je postaviti validaciju na polja:

* First name: required
* Last name: required
* Email: required, email
* Password: confirmed, at least 8 chars, at least 1 digit
* Accepted terms and conditions

U slučaju da uneti podaci nisu validni, potrebno je da dobijem informaciju o tome. Ako su podaci validni, registrovan sam i automatski ulogovan u aplikaciju, te preusmeren na početnu stranicu. Ovoj stranici ne mogu da pristupim kao ulogovan korisnik.

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| **Test case ID:** | **GB-2 : Register page layout** | | | |
| **Preconditions:**  Open chrome  -go to url <https://gradebook.vivifyideas.com/> | | | | |
| **Step actions:**  1. Click on "Register" button  2. Validate that Register button change text color when the registration process is active  3. Validate that register page has input fields:   * First Name input field should be visible * Last Name input field should be visible * Password input field should be visible * Password Confirmation input field should be visible * Email input field should be visible   4. Validate that check-box “Accept terms and conditions” is present, it should be visible  5. Validate that Submit button is present , it should be visible | | **Expected Results:**  1. Register page has been displayed  2. Register button is changed text color when the register process is active  3. Register page has input fields:   * First Name input field should is visible * Last Name input field should is visible * Password input field should is visible * Password Confirmation input field should is visible * Email input field should is visible   4. Register page has check-box “Accept terms and conditions”, it is visible  5. Submit button is present, it is visible | | |
|  | | **Execution type :** | Manual | **Automated** |

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| **Test case ID:** | **GB-3: Register – valid data (positive test)** | | | |
| **Preconditions:**  Open chrome  -go to url <https://gradebook.vivifyideas.com/>  Register credentials should be available and valid  \*For this test made in Cypress, faker.js was used for generate a new and unique credentials  \*\*Credentials in this tables are used only for the testing in Postman and there are valid | | | | |
| **Step actions:**  1. Click Register  2. Enter "Some" in First name field  3. Enter "Professor" in Last name field  4. Enter “123456789” in Password field  5. Enter “123456789” in Password Confirmation field  6. Enter “someprofessor@gmail.com” in Email input field  7. Check Accepted terms and conditions check box is checkable  8. Click the Submit button | | **Expected Results:**  1. Register page appears <https://gradebook.vivifyideas.com/register>  2. "Some" entered in First name field  3. "Professor" entered in Last name field  4. “123456789” is entered in Password field  5. “123456789” is entered in Password Confirmation field  6. “someprofessor@gmail.com” is entered in Email input field  7. Accepted terms and conditions check box is checked  8. User is registered | | |
|  | | **Execution type :** | Manual | **Automated** |

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| **Test case ID:** | **GB-4: Layout of homepage as registered user** | | | |
| **Preconditions:**  Open chrome  -go to url <https://gradebook.vivifyideas.com/>  GB-3: Register – valid data (positive test) | | | | |
| **Step actions:**  1. Validate that Gradebooks button in navigate bar is visible  2. Validate that My Gradebook button in navigate bar is visible  3. Validate that Create Gradebook button in navigate bar is visible  4. Validate that Professors button in navigate bar is visible  5. Validate that Sign out button in navigate bar is visible  6. Validate that Register button should not be visible  7. Validate that title All Gradebooks Page id visible  8. Validate that label Gradebook Filter is visible  9. Validate that filter field is visible  10. Validate that table of all gradebook is visible  11. Validate that button Next is visible and active in first page of all gradebooks | | **Expected Results:**  1 Gradebooks button in navigate bar is visible  2. My Gradebook button in navigate bar is visible  3. Create Gradebook button in navigate bar is visible  4. Professors button in navigate bar is visible  5. Sign out button in navigate bar is visible  6. Register button is not visible  7. Title All Gradebooks Page id visible  8. Label Gradebook Filter is visible  9. Filter field is visible  10. Table of all gradebook is visible  11. Button Next is visible and active in first page of all gradebooks | | |
|  | | **Execution type :** | Manual | **Automated** |

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| **Test case ID:** | **GB-5: Register with valid data - user/professor really exist** | | | |
| **Preconditions:**  Open chrome  -go to url <https://gradebook.vivifyideas.com/>  GB-3: Register – valid data (positive test) | | | | |
| **Step actions:**  1. Find the professor name in table of All professors  2. Professor credentials should be visible on the last place in table of All professors | | **Expected Results:**  1. Professor name is found in table of All professors  **2.** Professor credentials are visible, professor really exist on the last place in table of all professors | | |
|  | | **Execution type :** | Manual | **Automated** |

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| **Test case ID:** | **GB-5A: Filter option for checking if professor really exist** | | | |
| **Preconditions:**  Open chrome  -go to url <https://gradebook.vivifyideas.com/>  GB-3: Register – valid data (positive test) | | | | |
| **Step actions:**  1. Type the name of professor in filter field  2. Professor credentials should be visible on table of All professors | | **Expected Results:**  1. Name of professor is typed in filter field  **2.** Professor credentials are visible on the table, professor really exist | | |
|  | | **Execution type :** | Manual | **Automated** |

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| **Test case ID:** | **GB-6: Register page – First name input field: required** | | | |
| **Preconditions:**  Open chrome  -go to url <https://gradebook.vivifyideas.com/> | | | | |
| **Step actions:**  1. Click Register  2. Skip entering "First name"  3. Enter valid "Last name": neko  4. Enter valid password in the "Password" field: testest1  5. Enter valid password again in the "Confirmed password" field: testest1  6. Enter valid email in "Email" input field: nekoneko@gmail.com  7. Tick the "Accepted terms and conditions" check box  8. Click the "Submit" button | | **Expected Results:**  1. Register page appears <https://gradebook.vivifyideas.com/register>  2. Empty "First name" input field  3. "neko" written in the "Last name" field  4. Password is written not in the original characters but hidden behind asteriks.  5. Password is written not in the original characters but hidden behind asteriks.  6. Enter valid email in "Email" input field: nekoneko@gmail.com  7. "Accepted terms and conditions" check box is ticked  8. No action is done but instead the warning message is written asking user to fill out the "First name" field. | | |
|  | | **Execution type :** | Manual | **Automated** |

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| **Test case ID:** | **GB-7: Register page – Last name input field: required** | | | |
| **Preconditions:**  Open chrome  -go to url <https://gradebook.vivifyideas.com/> | | | | |
| **Step actions:**  1. Click Register  2. Enter valid "First name": somebody  3. Skip entering "Last name"  4. Enter valid password in the "Password" field: 123456789  5. Enter valid password again in the "Confirmed password" field: 123456789  6. Enter valid email in "Email" input field: nekoneko@gmail.com  7. Tick the "Accepted terms and conditions" check box  8. Click the "Submit" button | | **Expected Results:**  1. Register page appears <https://gradebook.vivifyideas.com/register>  2. "somebody" is written in the "First name" field  3. Empty "Last name" input field  4. Password is written not in the original characters but hidden behind asteriks.  5. Password is written not in the original characters but hidden behind asteriks.  6. Enter valid email in "Email" input field: nekoneko@gmail.com  7. "Accepted terms and conditions" check box is ticked  8. No action is done but instead the warning message is written asking user to fill out the "Last name" field. | | |
|  | | **Execution type :** | Manual | **Automated** |

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| **Test case ID:** | **GB-8: Register page – Email field: required** | | | |
| **Preconditions:**  Open chrome  -go to url <https://gradebook.vivifyideas.com/> | | | | |
| **Step actions:**  1. Click Register  2. Enter valid "First name": somebody  3. Enter valid "Last name" : neko  4. Enter valid password in the "Password" field: 123456789  5. Enter valid password again in the "Confirmed password" field: 123456789  6. Skip entering email in "Email" input field  7. Tick the "Accepted terms and conditions" check box  8. Click the "Submit" button | | **Expected Results:**  1. Register page appears <https://gradebook.vivifyideas.com/register>  2. "somebody" is written in the "First name" field  3. “neko” is written in the "Last name" input field  4. Password is written not in the original characters but hidden behind asteriks.  5. Password is written not in the original characters but hidden behind asteriks.  6. Empty "Email" input field  7. "Accepted terms and conditions" check box is ticked  8. No action is done but instead the warning message is written asking user to fill out the "Email" field. | | |
|  | | **Execution type :** | Manual | **Automated** |

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| **GB-9: Register page – Email field format invalid** | | | |
| **Preconditions:**  Open chrome  -go to url <https://gradebook.vivifyideas.com/> | | | |
| **Step actions:**  1. Click Register  2. Enter valid "First name": somebody  3. Enter valid "Last name" : neko  4. Enter valid password in the "Password" field: 123456789  5. Enter valid password again in the "Confirmed password" field: 123456789  6. Enter email in "Email" input field: nekonekogmail.com  7. Tick the "Accepted terms and conditions" check box  8. Click the "Submit" button | **Expected Results:**  1. Register page appears <https://gradebook.vivifyideas.com/register>  2. "somebody" is written in the "First name" field  3. “neko” is written in the "Last name" input field  4. Password is written not in the original characters but hidden behind asteriks.  5. Password is written not in the original characters but hidden behind asteriks.  6. nekonekogmail.com is written in "Email" input field  7. "Accepted terms and conditions" check box is ticked  8. No action is done but instead the warning message is written asking user to fill out the "Email" field in appropriate way. | | |
|  | **Execution type :** | Manual | **Automated** |

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| **GB-10: Register page – Password input field empty** | | | |
| **Preconditions:**  Open chrome  -go to url <https://gradebook.vivifyideas.com/> | | | |
| **Step actions:**  1. Click Register  2. Enter valid "First name": somebody  3. Enter valid "Last name" : neko  4. Skip entering password in the "Password" field  5. Enter valid password again in the "Confirmed password" field: 123456789  6. Enter email in "Email" input field: nekoneko@gmail.com  7. Tick the "Accepted terms and conditions" check box  8. Click the "Submit" button  9. Click “OK” button | **Expected Results:**  1. Register page appears <https://gradebook.vivifyideas.com/register>  2. "somebody" is written in the "First name" field  3. “neko” is written in the "Last name" input field  4. Empty "Password" field  5. Password is written not in the original characters but hidden behind asteriks.  6. nekoneko@gmail.com is written in "Email" input field  7. "Accepted terms and conditions" check box is ticked  8. No action is done but instead the warning message is written asking user to fill out the "Password" field, “Your passwords doesn`t match, try again, please” | | |
|  | **Execution type :** | Manual | **Automated** |

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| **GB-11: Register page – Password Confirm input field empty** | | | |
| **Preconditions:**  Open chrome  -go to url <https://gradebook.vivifyideas.com/> | | | |
| **Step actions:**  1. Click Register  2. Enter valid "First name": somebody  3. Enter valid "Last name" : neko  4. Enter valid entering password in the "Password" field: 123456789  5. Skip entering valid password again in the "Confirmed password" field  6. Enter email in "Email" input field: nekoneko@gmail.com  7. Tick the "Accepted terms and conditions" check box  8. Click the "Submit" button  9. Click “OK” button | **Expected Results:**  1. Register page appears <https://gradebook.vivifyideas.com/register>  2. "somebody" is written in the "First name" field  3. “neko” is written in the "Last name" input field  4. Valid password in entered in "Password" field: 123456789 and written not in the original characters but hidden behind asteriks  5. "Confirmed password" field is empty  6. nekoneko@gmail.com is written in "Email" input field  7. "Accepted terms and conditions" check box is ticked  8. No action is done but instead the warning message is written asking user to fill out the "Password" field, “Your passwords doesn`t match, try again, please” | | |
|  | **Execution type :** | Manual | **Automated** |

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| **GB-12: Register page – Password does not match the requested format** | | | |
| **Preconditions:**  Open chrome  -go to url <https://gradebook.vivifyideas.com/> | | | |
| **Step actions:**  1. Click Register  2. Enter valid "First name": somebody  3. Enter valid "Last name" : neko  4. Enter password in the "Password" field: 1234aa  5. Enter valid password again in the "Confirmed password" field: 1234aa  6. Enter email in "Email" input field: nekoneko@gmail.com  7. Tick the "Accepted terms and conditions" check box  8. Click the "Submit" button  9. Click “OK” button | **Expected Results:**  1. Register page appears <https://gradebook.vivifyideas.com/register>  2. "somebody" is written in the "First name" field  3. “neko” is written in the "Last name" input field  4. jkl is entered "Password" field and written not in the original characters but hidden behind asteriks  5. Password is written not in the original characters but hidden behind asteriks  6. nekoneko@gmail.com is written in "Email" input field  7. "Accepted terms and conditions" check box is ticked  8. No action is done but instead the warning message is written asking user to match the requested format of password | | |
|  | **Execution type :** | Manual | **Automated** |

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| **GB-13: Register page – User can be registered twice with the same email, but redirect on homepage is impossible** | |
| **Preconditions:**  Open chrome  -go to url <https://gradebook.vivifyideas.com/> | |
| **Step actions:**  1. Click Register  2. Enter "Some" in First name field  3. Enter "Professor" in Last name field  4. Enter “123456789” in Password field  5. Enter “123456789” in Password Confirmation field  6. Enter “jelllenakrstic@gmail.com” in Email input field  7. Check Accepted terms and conditions check box is checkable  8. Click the Submit button | **Expected Results:**  1. Register page appears <https://gradebook.vivifyideas.com/register>  2. "Some" entered in First name field  3. "Professor" entered in Last name field  4. “123456789” is entered in Password field  5. “123456789” is entered in Password Confirmation field  6. “jelllenakrstic@gmail.com” is entered in Email input field  7. Accepted terms and conditions check box is checked  8. No action is done but instead the warning message should be visible, but it not case |
| **This test case should be placed as a bug report because the user must not be registered twice with the same email. In this form of application that is possible.**  **Developers should fix that problem.**   * **Severity: 3** * **Priority: 4** | |

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| **GB-14: Register page – User can be registered even if Terms and conditions is uncheck** | |
| **Preconditions:**  Open chrome  -go to url <https://gradebook.vivifyideas.com/> | |
| **Step actions:**  1. Click Register  2. Enter "novi" in First name field  3. Enter "profesor" in Last name field  4. Enter “123456789” in Password field  5. Enter “123456789” in Password Confirmation field  6. Enter “nekoneko@gmail.com” in Email input field  7. Skip checking Accepted terms and conditions check box  8. Click the Submit button | **Expected Results:**  1. Register page appears <https://gradebook.vivifyideas.com/register>  2. "novi" entered in First name field  3. "profesor" entered in Last name field  4. “123456789” is entered in Password field  5. “123456789” is entered in Password Confirmation field  6. “nekoneko@gmail.com” is entered in Email input field  7. Accepted terms and conditions check box is skipped to checked  8. New professor is signed in but that must not be impossible THIS IS BUG |
| **This test case should be placed as a bug report because the user must not be registered twice with the same email. In this form of application that is possible.**  **Developers should fix that problem.**   * **Severity: 3** * **Priority: 4** | |