**Test cases for “User Accounts Table”**

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| **Test cases** | **Expected results** | **Test results** | **Test status** |
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| **Functionality “Add account”** |  |  |  |
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| Test case 1: |  |  |  |
| 1. Don’t fill any data in any field (First Name, Last name, email, date of birth) 2. Click Add account | Message: The fields are empty.  No account is added. | No message is displayed  No account is added. | **FAILED** |
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| Test case 2: |  |  |  |
| 1. Add First name only as a text 2. Don’t fill any data in any other field 3. Click Add account | Message: Not all fields are fulfilled.  No account is added. | No message is displayed  No account is added. | **FAILED** |
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| Test case 3: |  |  |  |
| 1. Add First name and Last name only as a text 2. Don’t fill any data in any other field 3. Click Add account | Message: Not all fields are fulfilled.  No account is added. | No message is displayed  No account is added. | **FAILED** |
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| Test case 4: |  |  |  |
| 1. Add First name, Last name only as a text and correct email 2. Don’t fill any data for date of birth 3. Click Add account | Message: Not all fields are fulfilled.  No account is added. | No message is displayed  No account is added. | **FAILED** |
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| Test case 5: |  |  |  |
| 1. Add First name, Last name only as a text 2. Add correct email and not-in-future date of birth 3. Click Add account | Message: The account is created successfully.  The table is updated automatically. | The message “The account is created successfully.” is not displayed.  The table is updated automatically. | **FAILED** |
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| Test case 6: |  |  |  |
| 1. Add First name, Last name only as a text 2. Add incorrect email (incomplete, wrong – only text or only numbers – Examples: qqqqq, 2342324, 2342324@, 2342324@22, 2342324@22., 2342324@22.66) 3. Add not-in-future date of birth 4. Click Add account | Message:  Email is not valid or incomplete.  No account is added. | Message:  Email is not valid or incomplete.  No account is added.  Wrong spelling of message “Моля, включете „@“” в имейл адреса. В/ъв „qqqqq“ липсва „@“.“ | **FAILED** |
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| Test case 7: |  |  |  |
| 1. Add First name, Last name only as a text 2. Add correct email 3. Add future date of birth 4. Click Add account | Message:  The date of birth can’t be in future.  No account is added. | The account is added. | **FAILED** |
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| Test case 8: |  |  |  |
| 1. Add First name, Last name only as a text 2. Add correct email 3. Add incorrect date of birth as a text 4. Click Add account | Message:  The date of birth can’t be text.  The account is not added. | Entering text the current date is entered automatically clicking Add account.  The account is added. | **FAILED** |
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| Test case 9: |  |  |  |
| 1. Add First name only as numbers, only with special symbols or mixed with text 2. Add Last name only as a text 3. Add correct email 4. Add not-in-future date of birth 5. Click Add account | Message: “Failed to add account. Words only allowed for property firstName”  The account is not added. | Message: “Failed to add account. Words only allowed for property firstName”  The account is not added. | **PASSED** |
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| Test case 10: |  |  |  |
| 1. Add First name only as a text 2. Add Last name only as numbers, only with special symbols or mixed with text 3. Add correct email 4. Add not-in-future date of birth 5. Click Add account | Message: “Failed to add account. Words only allowed for property lastName”  The account is not added. | Message: “Failed to add account. Words only allowed for property lastName”  The account is not added. | **PASSED** |
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| Test case 11: |  |  |  |
| 1. Add 2 accounts with same data (First Name, Last name, email, date of birth) 2. Click Add account | 2 accounts with same data can’t be created in database. | 2 accounts with same data are successfully created in database. | **FAILED** |
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| Test case 12: |  |  |  |
| 1. Check in database the added users via sql query 2. Verify them in displayed User Accounts table on page | The users in database and in page table are the same. | The users in database and in page table are the same. | **PASSED** |
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| **Functionality “Delete account”** |  |  |  |
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| Test case 13: |  |  |  |
| 1. Delete some account via table 2. Click Delete account | The account is successfully deleted and removed from table. | The account is successfully deleted and removed from table. | **PASSED** |
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| Test case 14: |  |  |  |
| 1. Delete some account via table on some inner paging and/or used search criteria 2. Click Delete account | The account is successfully deleted and removed from table.  The table is refreshed and the first page of displayed data through criteria is displayed. | The account is successfully deleted and removed from table.  The table is refreshed and the first page of displayed data through criteria is displayed. | **PASSED** |
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| **Functionality “Edit account”** |  |  |  |
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| Test case 15: |  |  |  |
| 1. Edit some account data (First Name, Last name, email, date of birth) via table clicking on respective field in table for respective account 2. Click outside field | The account is successfully edited. | The date of birth can’t be edited. After changing the date the old date is still displayed in table. | **FAILED** |
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| Test case 16: |  |  |  |
| 1. Edit some account data (First Name, Last name, email, date of birth) via table clicking on respective field in table for respective account entering wrong data 2. Click outside field | The account is not edited.  Message for incorrect data is displayed. | The account is not edited.  Message for incorrect data is displayed. | **PASSED** |
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| **Functionality “Search”** |  |  |  |
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| Test case 17: |  |  |  |
| 1. Search by some value or part of it from table 2. Verify the displayed data in table | The displayed accounts contain the respective searched value in some data.  The text under the table and paging are updated accordingly. | The displayed accounts contain the respective searched value in some data.  The text under the table and paging are updated accordingly. | **PASSED** |
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| **Functionality “Show …”** |  |  |  |
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| Test case 18: |  |  |  |
| 1. Change Show values: 10, 25, 50, 100 2. Verify the displayed data in table | The number of displayed accounts is according chosen Show value.  The text under the table and paging are updated accordingly.  Example: “Showing 31 to 40 of 55 entries”  “Showing 26 to 50 of 55 entries”  Sorting of columns is kept.  The correct shown number of users in page is displayed over the table.  Example: “25 Accounts” | The number of displayed accounts is according chosen Show value. | **PASSED** |
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| **Functionality “Paging”** |  |  |  |
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| Test case 19: |  |  |  |
| 1. Use paging navigation (Previous, Next, page number links) 2. Verify the displayed data in table | The displayed accounts are updated according chosen paging value  The text under the table and paging are updated accordingly.  Example: “Showing 31 to 40 of 55 entries”  “Showing 26 to 50 of 55 entries” | The displayed accounts are updated according chosen paging value  The text under the table and paging are updated accordingly. | **PASSED** |
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| **Functionality “Sorting”** |  |  |  |
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| Test case 20: |  |  |  |
| 1. Verify the default sorted column in table | The default sorted column is date of birth (ascending). | The default sorted column is date of birth (ascending). | **PASSED** |
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| Test case 21: |  |  |  |
| 1. Sort each column up and down 2. Verify the displayed data in table | The displayed accounts are sorted accordingly (ascending, descending).  The text under the table and paging are updated accordingly.  The size of fields in table is resized according displayed data in order to be visible. | The displayed accounts are sorted accordingly (ascending, descending).  The text under the table and paging are updated accordingly.  The size of fields in table is resized according displayed data in order to be visible. | **PASSED** |

The main functionality which is required by client is implemented, except the implementation of Add Account functionality as dialog page.

The main found bugs which should be fixed before go to client are:

* The date of birth can’t be edited.

The rest found bugs can be included in future versions because they are not mentioned in the client requirements:

* 2 accounts with same data are successfully created in database.
* Entering text for the date of birth, the current date is entered automatically clicking outside ()the field
* Can add an account with future date of birth.
* Wrong spelling of message “Моля, включете „@“” в имейл адреса. В/ъв „qqqqq“ липсва „@“.“
* Missing message “The account is created successfully.”
* No message is displayed for not-fulfilled fields.
* No indication for fields, which are mandatory
* No check for fields, which are unique in database

Suggestions for improvement:

* The number of shown data in page over the table can be removed, because the information in table becomes too much and useless.
* Editing some field and click outside the field the table is resized according the longest data in table which is not user friendly
* Add account button can be inactive till all mandatory data are not fulfilled.
* If the Add account section will leave as it is. The little empty space should be left after it in the end, not as it is now it is not visible well.