

SPSE Jecna Test Case

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| Test Case ID: 0 | Test Designed by: Antonín Kadrmas |
| Test Name: Verify login process | |
| Brief description: Test login functionality and root user privileges. | |
| Pre-conditions: You need to import database with admin user. Set settings in config.json so you can connect to the database. | |
| Dependencies and Requirements: You have to have running database and python program. | |

| Step | Test Steps | Test Data | Expected Result | Notes |
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| 1 | Run python script and enter name 'karel' in login prompt. | | Should prompt you a question to create new user. | |
| 2 | Agree with the prompt with key 'y'. | | You should get to user interface. | |
| 3 | Use command 1 and check that user your user have correct user id and name. | | You should see your user with all information especially with correct nickname. | |
| 4 | Use command 11 to exit interface. | | Should end program. | |
| 5 | Run program again and login with 'admin' name. | | You should get to admin interface. | |
| 6 | Use command 2 for all input fields just press enter with any data and check if new user is in table. | | You should see newly created user karel under the admin account. | |
| 7 | Use command 3 and in user_id prompt input id does not exist for other fields press | | You should see 'error: no user has been deleted' as a result. | |

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| | just enter without data. | | | |
| 8 | Use command 3 and in type prompt input 'customer' for other fields press just enter without any data. | | You should see '1 user has been deleted' as a result. | |
| 9 | Use command 2 (press just enter when prompt from data) and check if new user is in table. | | User admin should be one and only user that remains. | |
| 10 | Use command 3 and in nick_name prompt input 'admin' for other fields press just enter without any data. | | You should see 'error: can not delete your account' as a result. | |
| 11 | Use command 1 in user_type prompt input 'pepa' and in nick_name input 'pepa' | | You should get 'incorrect type has to be employee/customer' as a result. | |
| 12 | Use command 1 in user_type prompt input 'customer' and in nick_name input 'admin' | | You should get 'error: nickname admin is already exists' as a result. | |
| 13 | Use command 1 in user_type prompt input 'customer' and in nick_name input 'pepa' | | You should get 'insert run correctly' as a result. | |
| 14 | Use command 2 for all input fields just press enter with any data and check if new user is in table. | | You should see newly created user under the admin account. | |
| 15 | Use command 14 to exit interface. | | Should end program. | |
| 16 | Run program again and login with name 'pepa'. | | You should get into user interface. | |
| 17 | Use command 1 and check that user your user have correct user id and name. | | You should see your user with all information especially with correct nickname and id | |
| 18 | Use command 11 to exit interface. | | Should end program. | |
| 19 | Run program again. Login with name 'karel'. | | Because of karel is no longer there again should prompt you a question to create new user. | |
| 20 | Response with 'n' and with control c exit console. | | Login prompt should appears again and after control c program should end without error. | |