# Test Plan

| Test Series and number | Purpose | Test Data | Expected Result | Actual Result | Evidence in appendix |
|---|---|---|---|---|---|
| 1.1 | Navigate between tabs correctly | Click on tabs | Viewport changes to clicked on tab | Viewport changes | See 1.1 |
| 1.2 | 'New Appointment' dialog shows when requested | Click on 'New Appointment' button | 'New Appointment' window is shown | 'New Appointment' window is shown | See 1.2 |
| 1.3 | 'Respond to meeting request' dialog shows when requested | Click on 'Respond to meeting requests' | 'Respond to meeting requests' dialog is shown | 'Respond to meeting requests' dialog is shown | See 1.3 |
| 1.4 | 'Add new task' dialog shown when requested | Click on 'Add new Task' button | 'Add new tasl' dialog box shown | 'Add new task' dialog box shown | See 1.4 |
| 2.1 | Validate Username & Password entry | Username:”p”, password: “hello” (correct) | Login window closes and main screen is shown | As Expected | See 2.1.1-2.2.3 |
| | | Username: “f”, password: “rfskbkb” (incorrect) | Error dialog is shown, user is returned to the login screen. | As Expected | |
| | | Username: inion...”(part of a 1024 character string), password: “skljnsjns...”(part of a 1024 character string) | Error dialog is shown, user is returned to the login screen. | As Expected | |
| 2.2 | Validate New Password – current password | “hello” - correct password | Form submits (assuming it passes the other checks) | As Expected | See 2.2.1 |

| | | | | | |
|---|---|---|---|---|---|
| | | | | | |
| | | “goodbye” - incorrect password | Warning is shown and form does not submit | As Expected | 2.2.2 |
| 2.3 | Validate the two new passwords | “goodbye” and “goodbye” entered – passwords match | The form submits (assuming the data passes all other checks) | As Expected | 2.3.1 |
| | | “goodbye” and “marmaduke” - passwords to not match | A warning is shown and the form does not submit | As Expected | 2.3.2 |
| 2.4 | Validate the new task name | “soibsfsbse” - string of characters less than 45 in length | The form submits and the user is allowed to continue | As Expected | 2.4.1 |
| | | “rslskkubsiles bslob…” - string of characters 50 in length | The form truncates the string at 45 characters and continues as normal | As Expected | 2.4.2 |
| 2.5 | Validate attendees in new meeting | “sv” - a valid username | The form submits, assuming it passes other checks | As Expected | 2.5.1 |
| | | “ubhsbwhiu” - an invalid username | The form submits, but does not include the invalid data | As Expected | 2.5.2 |
| | | “sv, p” - a list of valid usernames | The from submits the data – one entry to the Meetings table and one entry for the each of the usernames in the MeetingAttendee table. | As Expected | 2.5.3 |
| | | “sv, p, esflkjbsjh b” - a list with some correct and some invalid values | The form submits the meeting data to the Meetings Table and adds attendance data for each of the correct usernames. | As Expected | 2.5.4 |
| | | “kjsb, 3ijbalij, aekjbslkj” - A | Meeting data submitted to database, | As Expected | 2.5.5 |

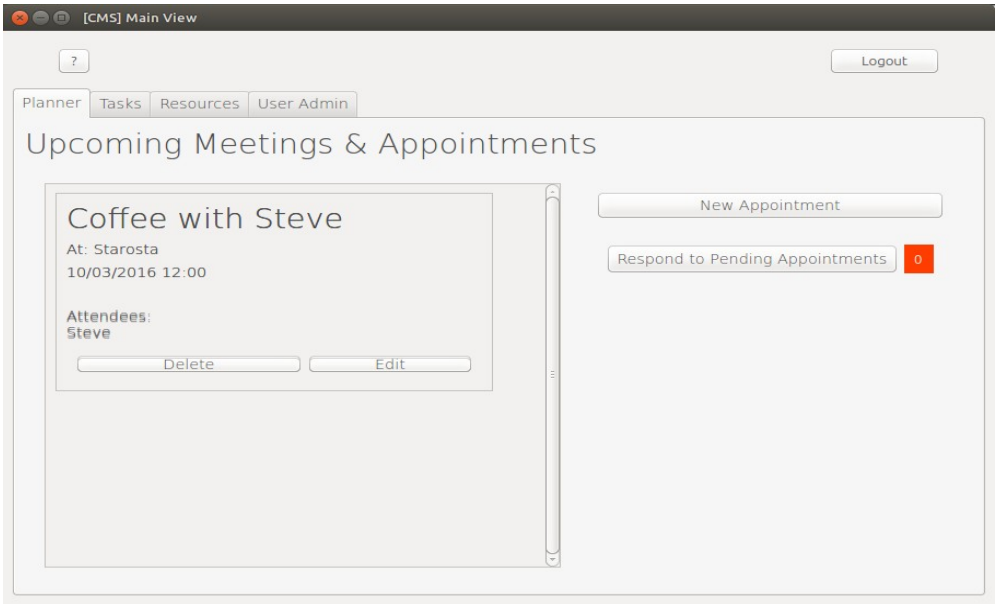
| | | | | | |
|---|---|---|---|---|---|
| | | list of invalid usernames | attendees are ignored | | |
| 2.6 | | | | | |
| 3.1 | Check that the list of resources is loaded correctly | Open the Resources view | All of the resources listed in the database should be displayed | As Expected | |
| 3.2 | Check th | | | | |
| 4.1.1 | Check that the Meeting data is stored to the correct table | AddNewMeeting – fill form with valid data | The data should be inserted into the Meetings Table in the database. | As Expected | |
| 4.1.2 | Check that the attendees data is stored into the correct table | AddNewMeeting – with a list of valid attendees | Each of the attendees should be stored in the MeetingAttendee table with the corresponding meetingID | As Expected | |
| 4.3 | Check that the Task data is stored in the correct table | AddNewTask – fill form with valid data and submit | The data should be inserted into the Tasks table | As Expected | |
| 4.4 | Check that the updated password data is stored in the correct table | UpdatePassword – fill form with valid data and submit | The database should updatr the correct tablel and upate the correct record | As Expected | |
| 4.5 | | | | | |
| 6.1 | Check that the correct meetings are loaded for the correct user | Meetings View – Visually check that the correct things are loaded | | | |

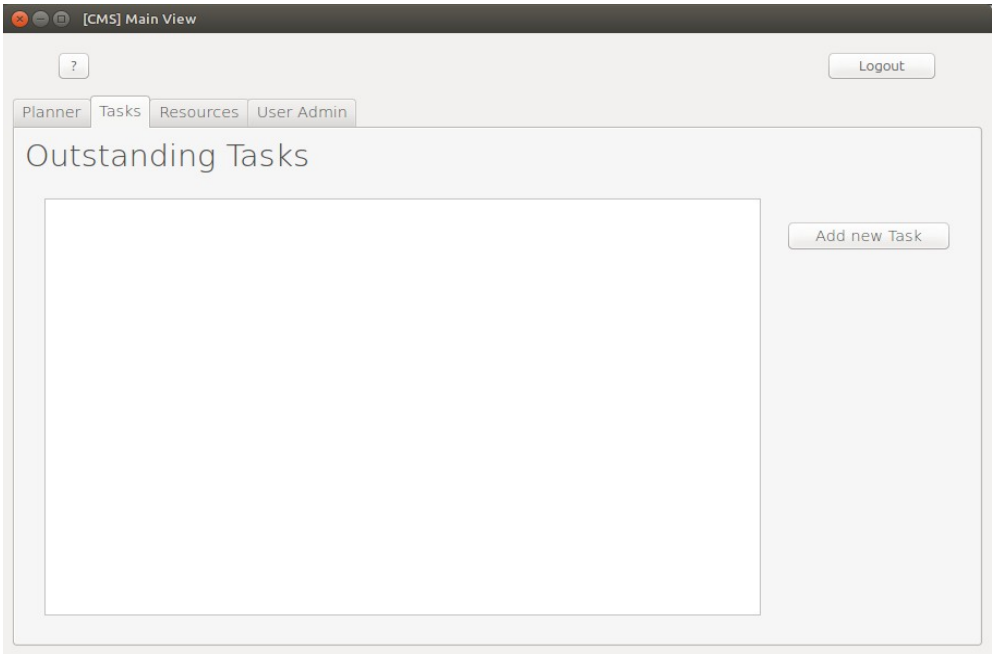
| Test Series | Purpose of test series |
|---|---|
| 1 | Test the flow of control: Menu choices linked to correct interfaces. User can only choose the correct choices. |
| 2 | Validation of data input performed correctly. |
| 3 | Iterations and decision performed correctly. Calcualtions, searches and/or sorting performed correctly. |

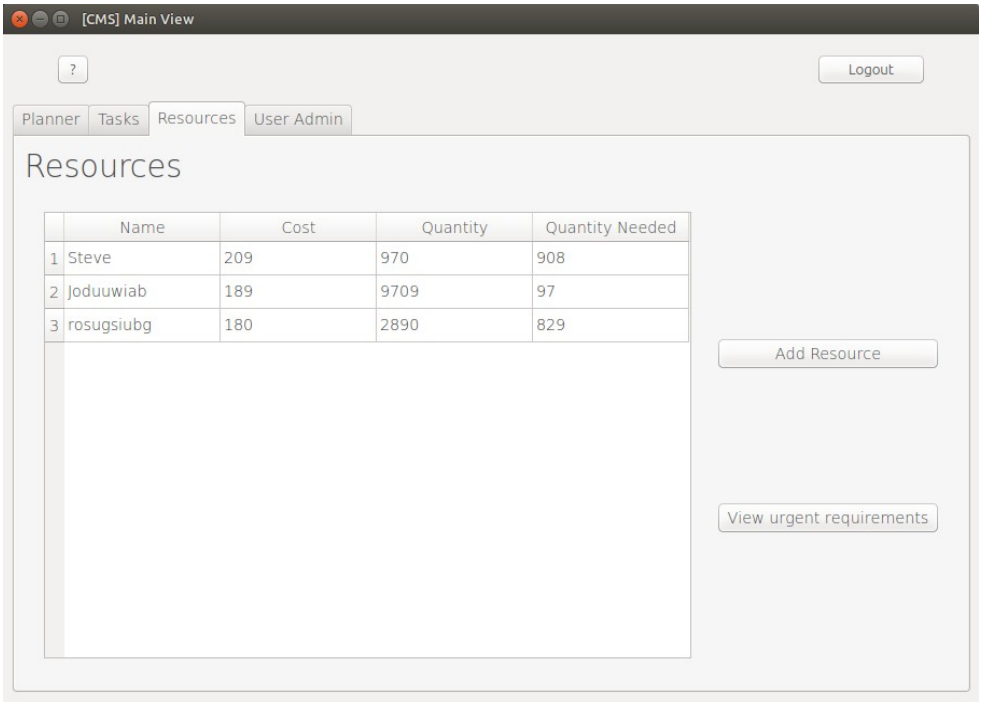
| | |
|---|---|
| 4 | Data is saved into the correct table, fields or files. |
| 5 | The system produces the required results as per specification. |
| 6 | Data secutity and integrity testing |

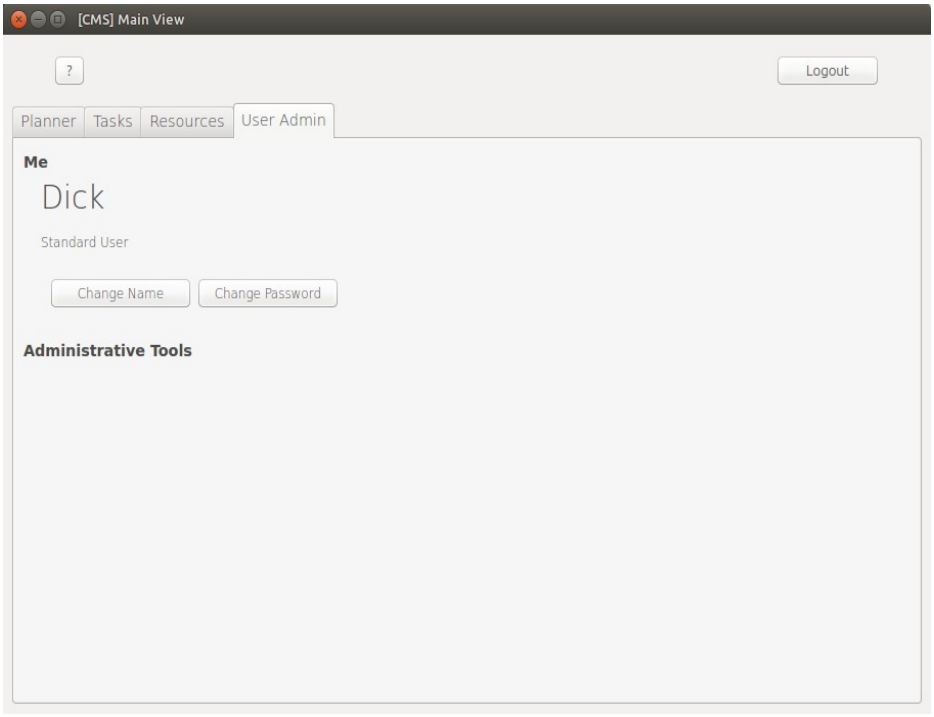
# Testing Evidence

## 1.1



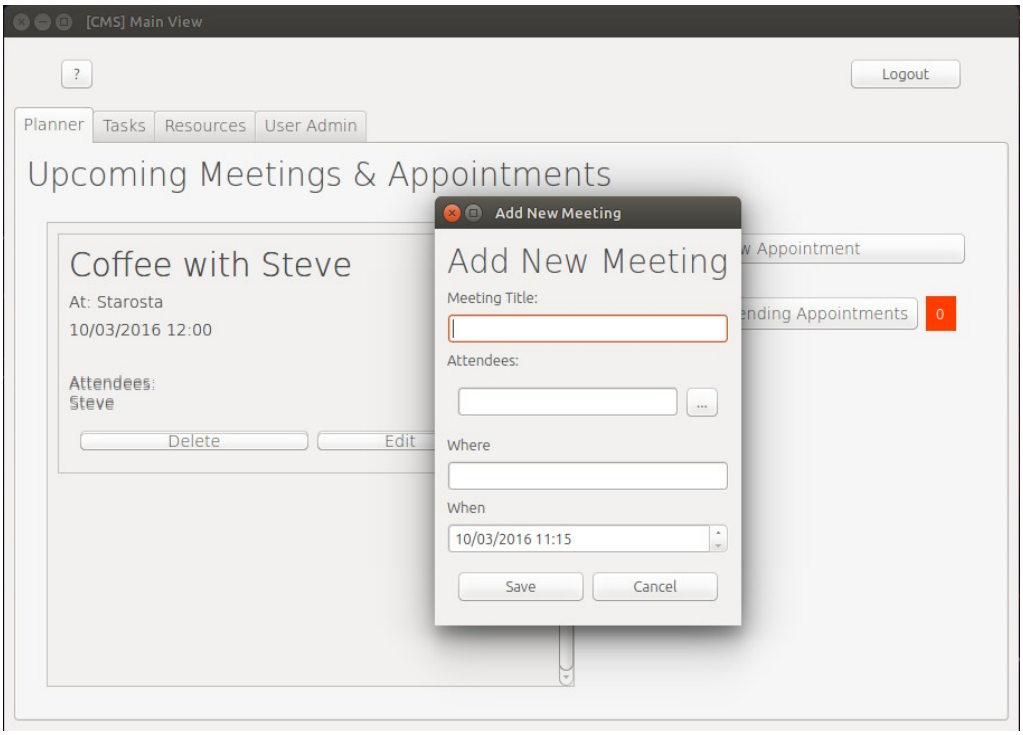





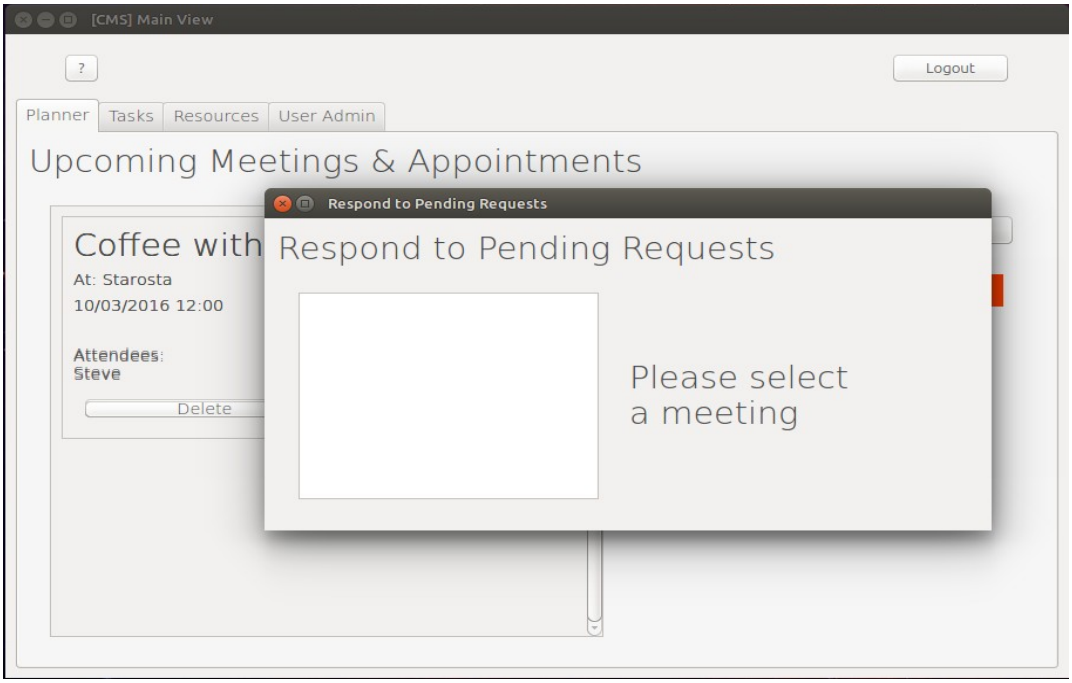




The tab changes when clicked.

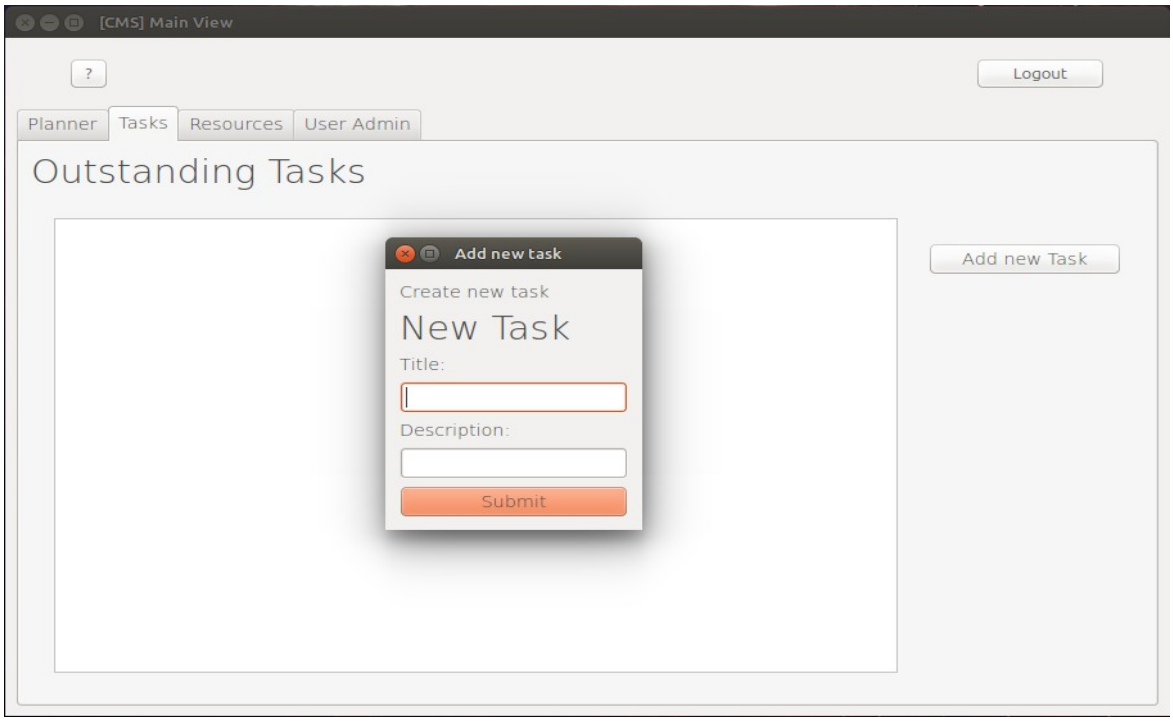
## 1.2


[CMS] Main View
?
Logout
Planner
Tasks
Resources
User Admin
Upcoming Meetings & Appointments
Coffee with Steve
At: Starosta
10/03/2016 12:00
Attendees:
Steve
Delete
Edit
Add New Meeting
Add New Meeting
Meeting Title:
Attendees:
...
Where
When
10/03/2016 11:15
Save
Cancel
Appointment
nding Appointments
0

## 1.3


[CMS] Main View
?
Logout
Planner
Tasks
Resources
User Admin
Upcoming Meetings & Appointments
Coffee with
At: Starosta
10/03/2016 12:00
Attendees:
Steve
Delete
Respond to Pending Requests
Respond to Pending Requests
Please select
a meeting

## 1.4

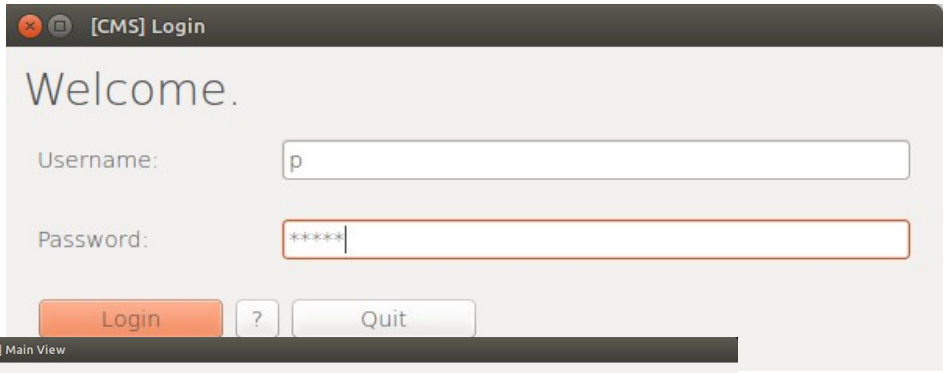


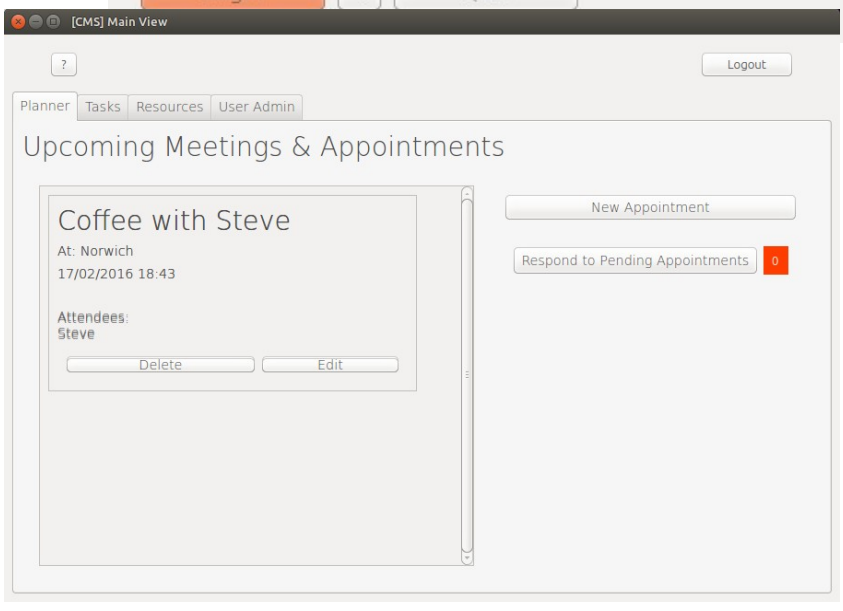

## 2.1.1

Input text:

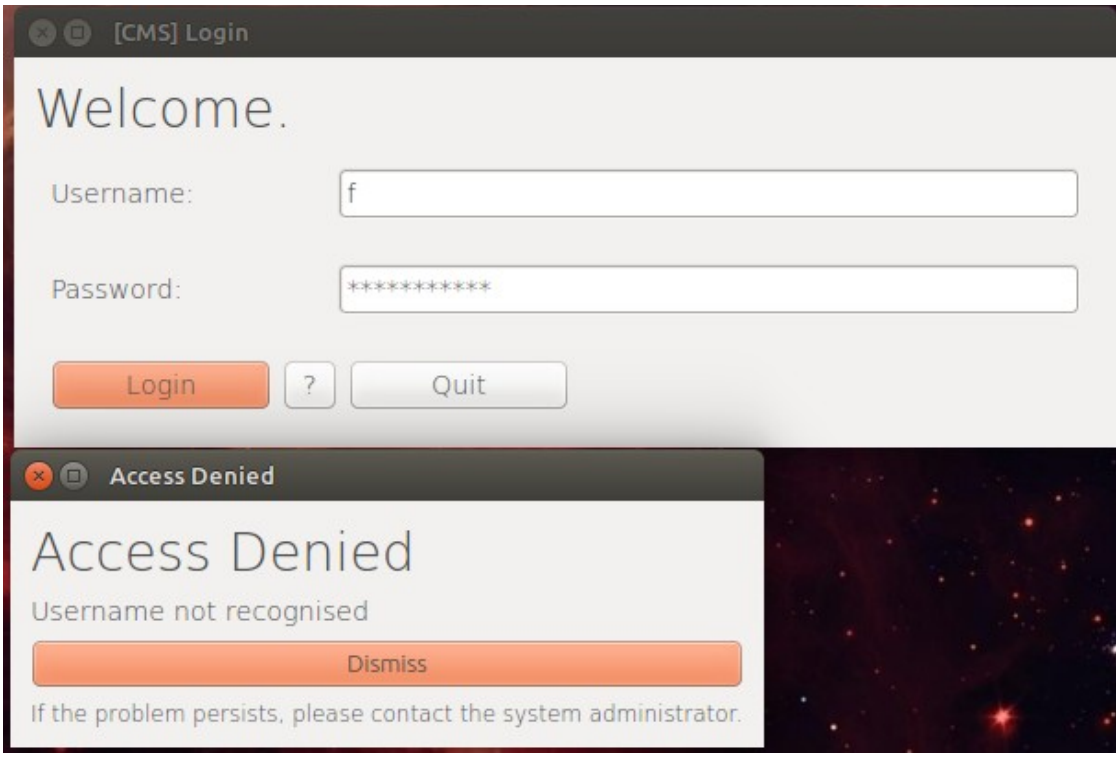
Username: “p”

Password: “hello”

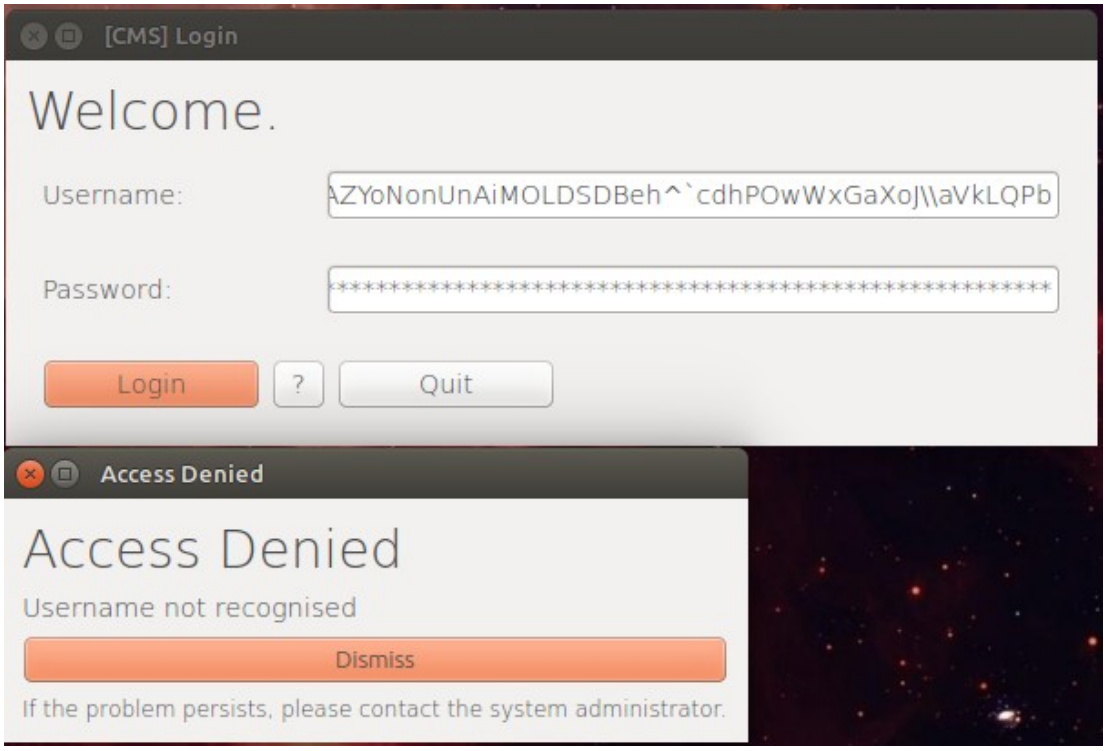


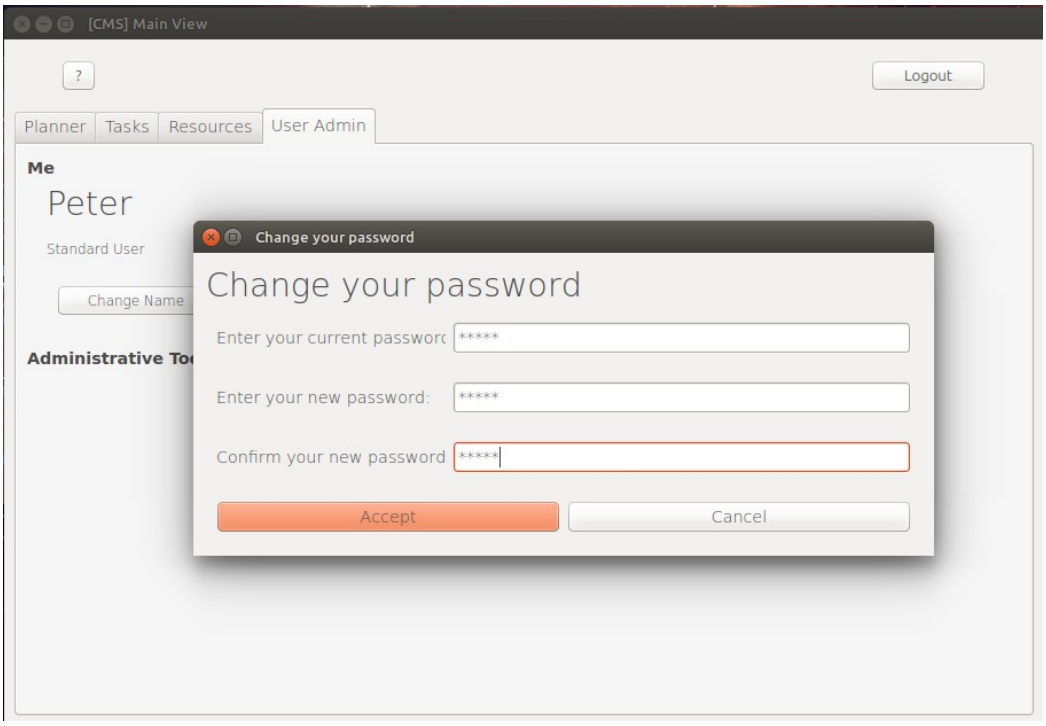
## 2.1.2

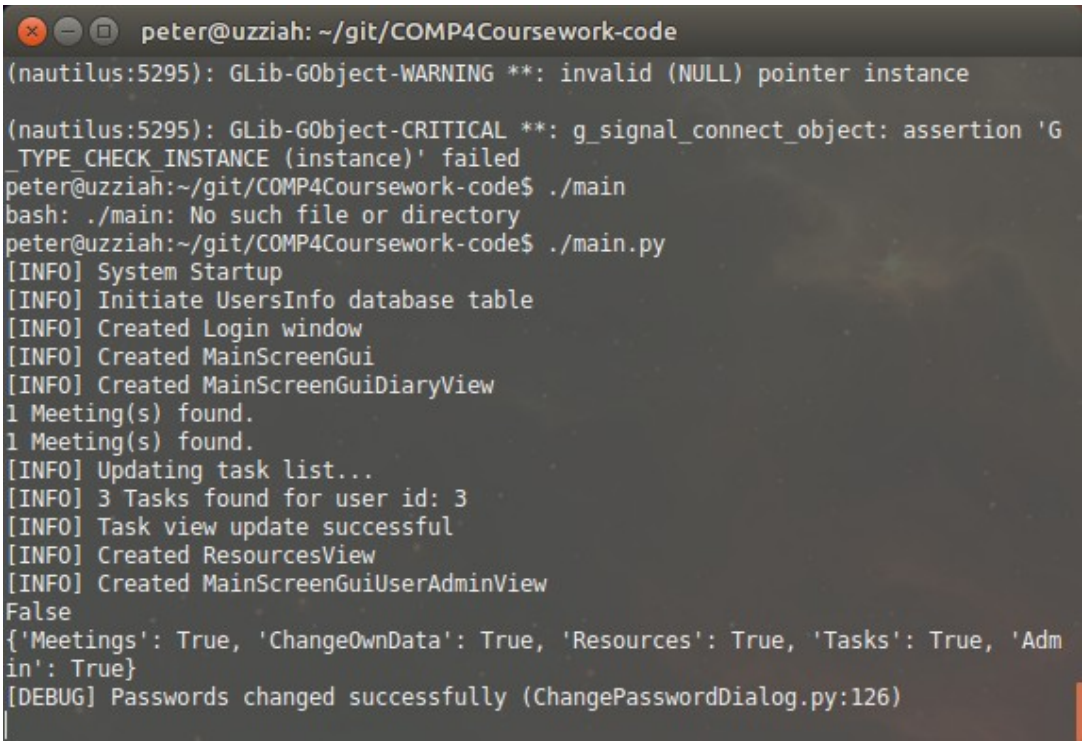

[CMS] Login
Welcome.
Username:
f
Password:
Login
?
Quit
Access Denied
Access Denied
Username not recognised
Dismiss
If the problem persists, please contact the system administrator.

## 2.1.3

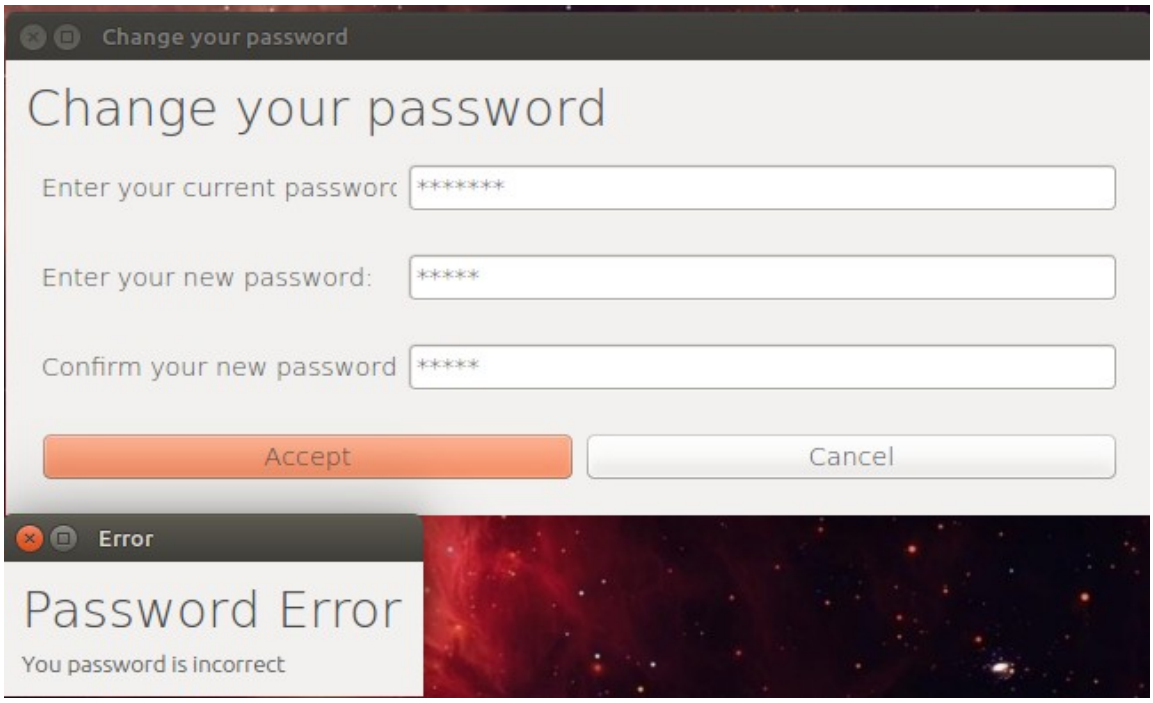

[CMS] Login
Welcome.
Username:
AZYoNonUnAiMOLDSDBeh^`cdhPOwWxGaXoJ\\aVkLQPb
Password:
Login
?
Quit
Access Denied
Access Denied
Username not recognised
Dismiss
If the problem persists, please contact the system administrator.

## 2.2.1

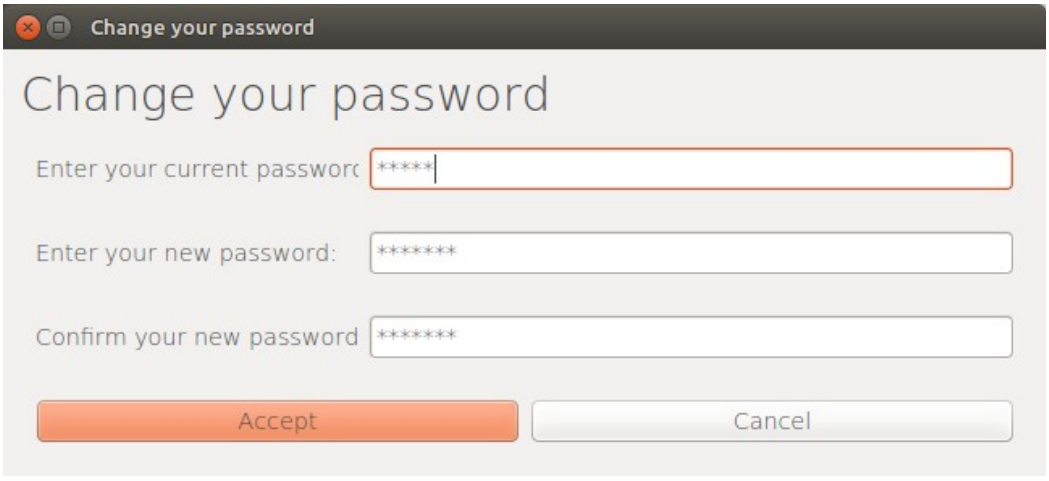

[CMS] Main View
?
Logout
Planner
Tasks
Resources
User Admin
Me
Peter
Standard User
Change Name
Administrative To
Change your password
Change your password
Enter your current passwor
Enter your new password:
Confirm your new password
Accept
Cancel


peter@uzziah: ~/git/COMP4Coursework-code
(nautilus:5295): GLib-GObject-WARNING **: invalid (NULL) pointer instance
(nautilus:5295): GLib-GObject-CRITICAL **: g_signal_connect_object: assertion 'G
_TYPE_CHECK_INSTANCE (instance)' failed
peter@uzziah:~/git/COMP4Coursework-code$ ./main
bash: ./main: No such file or directory
peter@uzziah:~/git/COMP4Coursework-code$ ./main.py
[INFO] System Startup
[INFO] Initiate UsersInfo database table
[INFO] Created Login window
[INFO] Created MainScreenGui
[INFO] Created MainScreenGuiDiaryView
1 Meeting(s) found.
1 Meeting(s) found.
[INFO] Updating task list...
[INFO] 3 Tasks found for user id: 3
[INFO] Task view update successful
[INFO] Created ResourcesView
[INFO] Created MainScreenGuiUserAdminView
False
{'Meetings': True, 'ChangeOwnData': True, 'Resources': True, 'Tasks': True, 'Adm
in': True}
[DEBUG] Passwords changed successfully (ChangePasswordDialog.py:126)

## 2.2.2

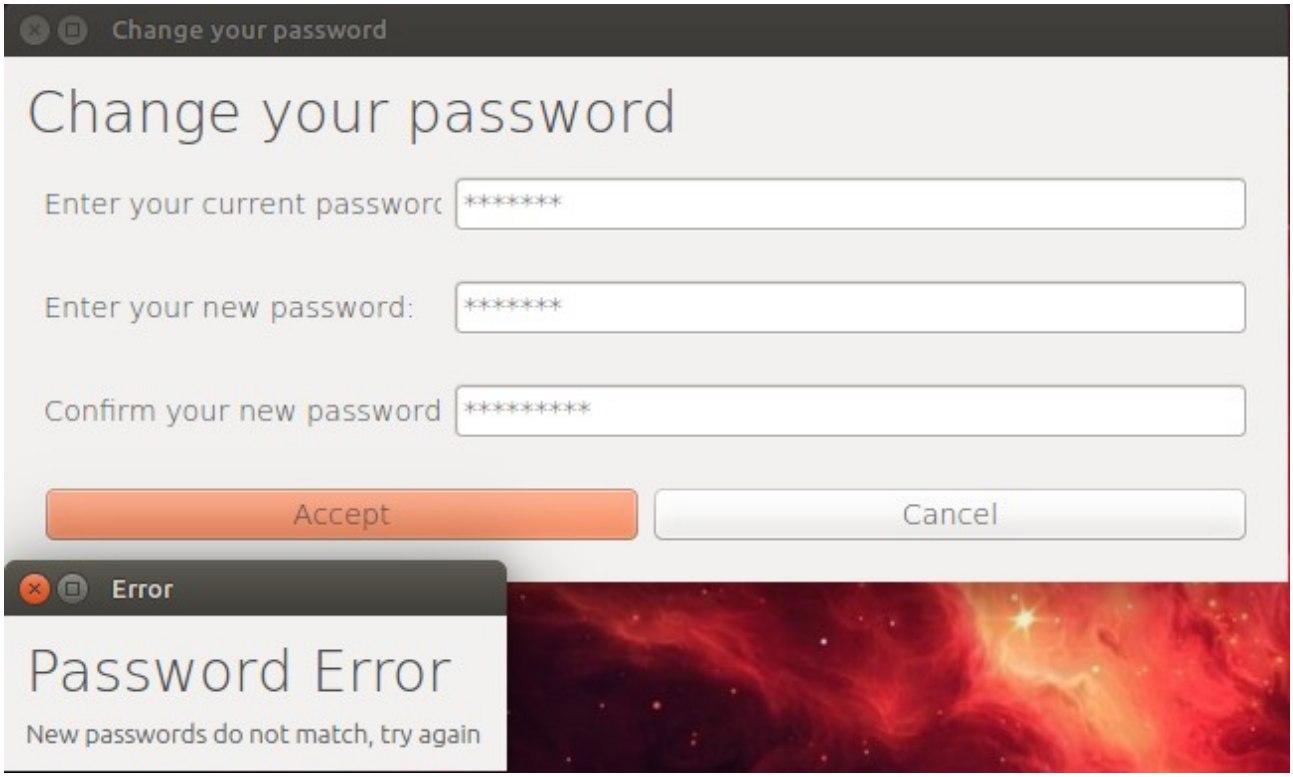



## 2.3.1




```
1 Meeting(s) found.
[INFO] Updating task list...
[INFO] 3 Tasks found for user id: 3
[INFO] Task view update successful
[INFO] Created ResourcesView
[INFO] Created MainScreenGuiUserAdminView
False
{'Resources': True, 'Meetings': True, 'Tasks': True, 'ChangeOwnData': True, 'Adm
in': True}
[DEBUG] Passwords changed successfully (ChangePasswordDialog.py:126)
```

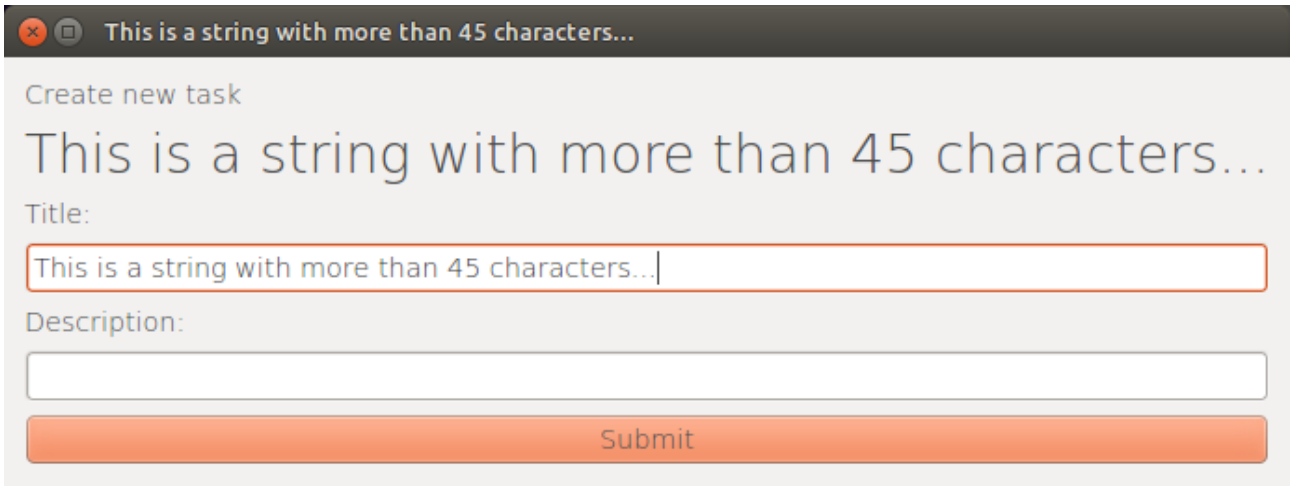
## 2.3.2


Change your password
Change your password
Enter your current passwor
Enter your new password:
Confirm your new password
Accept
Cancel
Error
Password Error
New passwords do not match, try again

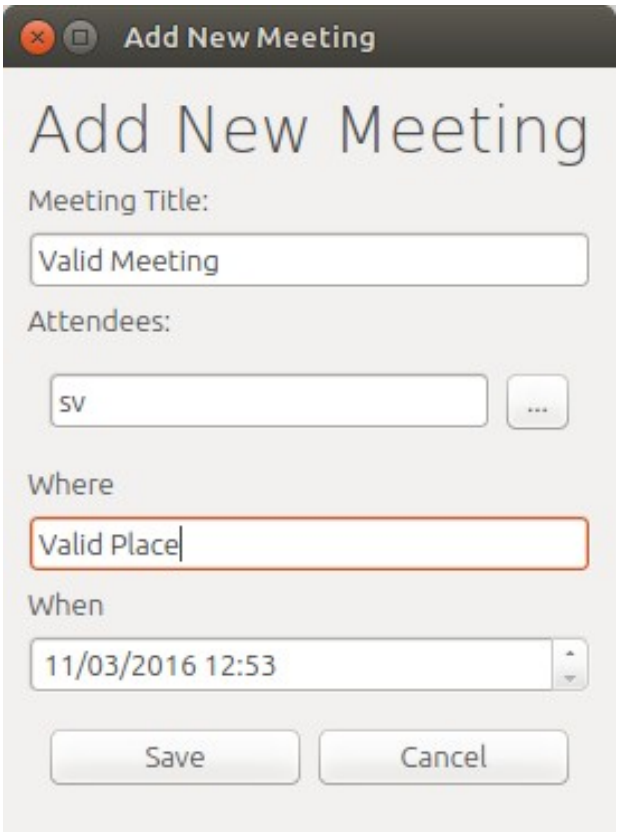
## 2.4.1

This is a string with less than 45 chars
Create new task
This is a string with less than 45 chars
Title:
This is a string with less than 45 chars
Description:
Submit

## 2.4.2


This is a string with more than 45 characters...
Create new task
This is a string with more than 45 characters...
Title:
This is a string with more than 45 characters...
Description:
Submit

## 2.5.1


Add New Meeting
Add New Meeting
Meeting Title:
Valid Meeting
Attendees:
sv
...
Where
Valid Place
When
11/03/2016 12:53
Save
Cancel

Database Structure | Browse Data | Edit Pragmas | Execute SQL

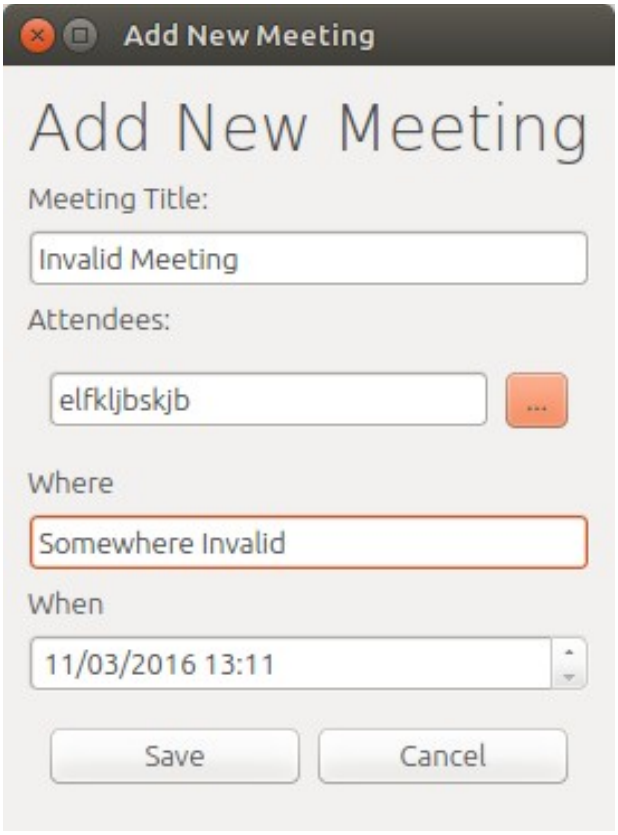
Table: Meetings | New Record | Delete Record

| | MeetingID | OwnerID | Title | ISOTime | Location |
|---|---|---|---|---|---|
| | Filter | Filter | Filter | Filter | Filter |
| 1 | 5 | 2 | Coffee wit… | 17/02/201… | Norwich |
| 2 | 6 | 4 | Coffee wit… | 10/03/201… | Starosta |
| 3 | 8 | 2 | fklsjb | 11/03/201… | jhvkjv |
| 4 | 9 | 2 | Valid Meeting | 11/03/201… | Valid Place |

| | MeetingID | UserID | Confirmed |
|---|---|---|---|
| | Filter | Filter | Filter |
| 1 | 2 | 2 | 1 |
| 2 | 5 | 3 | 0 |
| 3 | 6 | 3 | 0 |
| 4 | 7 | 3 | 0 |
| 5 | 9 | 3 | 0 |

(user 'sv' has the userID of 3) This whows that the correct meeting and user are assiciated.

### 2.5.2

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