

RAS test book

1 Revision history

Version	Date	Author	Description of revision
0.1	2017-11-27	B. Dijck	First draft
0.2	2017-11-30	B. Dijck	Minor update
0.3	2017-12-13	Ives vd Flaas	Minor update
0.4	2018-01-24	B. Dijck	Minor update (test different browsers)
0.5	2018-01-24	B. Dijck	Minor updates
0.6	2018-03-06	P. Meir	Added Data Analysis

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3 Software to be tested

3.1 Access to the application

- URL: <http://ghent:80>
- Login credentials:
 - o User: test@test.com
 - o Password: ask RAS development team
- It is possible that some tests require additional credentials but these should be specified in these specific tests.

4 Test suite

This section contains all the tests that need to be executed to verify the functionalities contained in the RAS application.

The tests are grouped around the following domains:

		new pwd	work
12	User is logged in	click 'hello <username>' in home screen	profile page should be shown

✓

4.2 Administration

4.2.1 *Manage users*

- create user (+ test login using newly created user) ✓
- impersonate (+ test permissions)

RAS-783

Testing of permissions and web notifications happens in section 4.

Ask a developer to delete the newly created user (w/ permissions) ✓

4.2.2 *Manage companies*

- screen should show all companies ✓
- create new company ✓

Ask a developer to delete the newly created company.

4.2.3 *Manage assets*

- create new asset ✗ RAS-784
- set associated companies
- change ftp password (and test FTP)
- change asset image

Note: on GHENT it is not possible to test FTP.

4.2.4 *Manage asset type*

- create new asset type ✓
 - o base asset type is required (cannot be null/none) ✓
- asset types cannot be deleted from UI ✓

Ask a developer to delete the newly created asset type. ✓

4.2.5 *Manage ~~LogFiles~~ data chunks*

- only x records are loaded initially, but by scrolling down additional records are added to the table ✓
- Records are sorted: most recent at the top ✓

4.3 Assets screen

4.3.1 *List of assets*

- The screen should show the list of all the assets that are available for the company (that the user belongs to), and only these assets. ✓
- The screen should not show any asset that is not linked to the company the user belongs to. ✓
- Images should be shown for every asset that has an avatar in the list. ✓
- Clicking a card (box in UI showing details of single asset), should bring up the asset detail screen ✓

4.4.5 Export filter data

- User is able to export the filter data to XLSX after clicking 'export'. ~~⊗~~ RAS-790
- After clicking 'export', a message is shown. ✓
- Data export should not take too long (define too long!)
- When export is complete:
 - o email should be sent to user ✓
 - o web notification should be shown ✓
 - o both messages should be checked ✓
 - todo
- exported file should be checked ✓

4.4.6 Filter sharing

- Share filter ✓
- Unlink filter ✓
- Accept share invitation ✓
- Try to accept share invitation twice ✓
- Refuse share invitation ✓
- Etc.

4.5 Dashboards

4.5.1 List of dashboards

- The screen should show the list of all the dashboards that are available for the user. This includes: dashboards that are created by the user and dashboards that are shared with the user. ✓
- Dashboards that are created by the user: ✓
 - o have edit, export and delete button ✓
 - o have a share icon showing the number of shares ✓
 - o have a clickable title that takes the user to the dashboard detail screen ✓
- Dashboards that are not created by the user (i.e. shared with the user): ✓
 - o have view and unlink button ✓
 - o have no share icon ✓

4.5.2 Create a new dashboard

- drop-down list of filters should contain filters that are created by the users and filters that are shared with the user ✓
- the <edit> button next to the drop-down list of filters should only be enabled for filters that are created by the user, not for those that are shared with the user ~~⊗~~ → RAS-792
- After the dashboard is created, the card in the dashboard list should include an image preview of the dashboard. ~~⊗~~ RAS-793

4.5.3 Edit an existing dashboard

- Clicking <edit> should bring user to the same UI as for the create ✓

4.5.4 Duplicate an existing dashboard

- Clicking <duplicate> should bring user to the same screen as for editing a dashboard. ✓

4.9 Web notifications

4.9.1 Send notification to user

- Pre:
 - o need 2 separate accounts, user1 and user2 ✓
 - o user1 needs permission to send web notifications ✓
- send notification
 - o login as user1 ✓
 - o go to administrator/manage users ✓
 - o Find <user2> ✓
 - o Click <sends web notification> ✓
 - o Enter any data ✓
 - o Logoff ✓
- Read notification
 - o Login as user2 ✓
 - o Top of screen: bell icon should indicate that a notification is available ✓
 - o Notification message should contain the data that was entered by user1 ✓

⊗ see RAS-791

4.10 User security

Check permission:

Login with a user that does not have permission to ...

TODO

4.11 Web browser support

Testing web browser support can be done in many ways. The following is a basic set of tests.

	Google Chrome	Firefox	Microsoft Internet Explorer	Microsoft Edge
Enter URL, access application	✓	✓	✓	✓
Edit a filter	✓	✓	✗	✓
View a dashboard	✓	✓	✓	✓
View an asset's details screen	✓	✓	✓	✓

Note: The list of supported browsers (and their versions) is not specified in this test document: this list should be specified elsewhere. In absence of such a list, the tests in this paragraph assume that the latest major version of each browser is used.

4.12 Data Analysis

4.12.1 Create DAD

- o Enter a valid RASQL statement that will generate a few notifications and emails

⊗ RAS-797

- An overview of the number of bugs (tickets) that have been created, for example:
 - o Number of CRITICAL bugs logged: 2
 - o Number of MAJOR bugs logged: 4
 - o Number of MINOR bugs logged: 5
 - o Number of OTHER tickets logged: 11
- ...