Student House Dashboard  
Test Plan

Dimitar Byalkov ([d.byalkov@student.fontys.nl](mailto:d.byalkov@student.fontys.nl))

Version 1

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# Revision history

|  |  |
| --- | --- |
| Version number | Description |
| Version 1 | Initial version |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Test Case | Use Case | Name | Preconditions | Test data | Expected result |
| TC0001 | UC0001 | Successful login in desktop application |  | Administrator: *Username:* admin *Password:* adminManager: *Username:* manager *Password:* manager | Successful login |
| TC0002 | UC0001-4a | Unsuccessful login in desktop application |  | Any combination of username and password not in the database | Error message |
| TC0003 | UC0002 | Successful logout from desktop application |  | Select “Yes” on confirmation popup | Return to login prompt |
| TC0004 | UC0002-3a | Cancel logout from desktop application |  | Select “No” on confirmation popup | Action cancelled, return to main page |
| TC0005 | UC0003 | Admin creates user | Logged in as *admin* user | Username length limit: 255 characters Password is automatically hashed | Action successful. Return to *Users* tab |
| TC0006 | UC0003-5a | Admin can’t create user due to data entry error | Logged in as *admin* user | Leave fields blank | Error message |
| TC0007 | UC0004 | Admin/Manager updates user data | Logged in as *admin* or *manager* user | Username length limit: 255 characters Password is automatically hashed | Action successful. Return to *Users* tab |
| TC0008 | UC0004-6a | Admin/Manager can’t update user data due to data entry error | Logged in as *admin* or *manager* user | Leave fields blank | Error message |
| TC0009 | UC0004-6b | Admin/Manager cancel update user data action | Logged in as *admin* or *manager* user | Click “Cancel” on confirmation popup | Action cancelled, return to *Users* tab |
| TC0010 | UC0005 | Admin disables a user | Logged in as *admin* user | Do not delete default users | Action successful |
| TC0011 | UC0005-4a | Admin cancels disabling of a user | Logged in as *admin* user | Click “No” on confirmation popup | Action cancelled, return to *Users* tab |
| TC0012 | UC0006 | Admin/Manager creates an announcement | Logged in as *admin* or *manager* user | Title length limit: 255 characters Description: no limit | Action successful, return to *Announcements* tab |
| TC0013 | UC0006-6a | Admin/Manager can’t create an announcement due to data entry error | Logged in as *admin* or *manager* user | Leave fields blank | Error message |
| TC0014 | UC0006-6b | Admin/Manager cancels announcement creation | Logged in as *admin* or *manager* user | Click “Cancel” on confirmation popup | Action cancelled, return to *Announcements* tab |
| TC0015 | UC0007 | Admin/Manager edits an announcement | Logged in as *admin* or *manager* user | Title length limit: 255 characters Description: no limit | Action successful, return to *Announcements* tab |
| TC0016 | UC0007-6a | Admin/Manager can’t edit an announcement due to data entry error | Logged in as *admin* or *manager* user | Leave fields blank | Error message |
| TC0017 | UC0007-6b | Admin/Manager cancels announcement edit | Logged in as *admin* or *manager* user | Click “Cancel” on confirmation popup | Action cancelled, return to *Announcements* tab |
| TC0018 | UC0009 |  | Logged in as *admin* or *manager* user |  |  |
| TC0019 | UC0009-5a |  | Logged in as *admin* or *manager* user |  |  |
| TC0020 | UC0009-5b |  | Logged in as *admin* or *manager* user |  |  |
| TC0021 | UC0010 |  | Logged in as *admin* or *manager* user |  |  |
| TC0022 | UC0010-6a |  | Logged in as *admin* or *manager* user |  |  |
| TC0023 | UC0010-6b |  | Logged in as *admin* or *manager* user |  |  |
| TC0024 | UC0011 |  | Logged in as *admin* or *manager* user |  |  |
| TC0025 | UC0011-4a |  | Logged in as *admin* or *manager* user |  |  |
| TC0026 | UC0012 | Admin/Manager responds to a complaint | Logged in as *admin* or *manager* user |  | Action successful, return to *Complaints* tab |
| TC0027 | UC0012-5a | Admin/Manager can’t respond to a complaint if the response is empty | Logged in as *admin* or *manager* user | Leave fields blank | Error message |
| TC0028 | UC0013 | Admin/Manager updates complaint status | Logged in as *admin* or *manager* user | Choose status from list | Action successful, return to *Complaints* tab |
| TC0029 | UC0013-6a | Admin/Manager can’t update complaint status due to data entry error | Logged in as *admin* or *manager* user | Leave fields blank | Error message |
| TC0030 | UC0013-6b | Admin/Manager cancels complaint status update action | Logged in as *admin* or *manager* user |  | Action cancelled, return to *Complaints* tab |
| TC0031 | UC0014 | Admin/Manager archives complaint | Logged in as *admin* or *manager* user |  | Action successful, return to *Complaints* tab |
| TC0032 | UC0014-4a | Admin/Manager cancels complaint status update action | Logged in as *admin* or *manager* user |  | Action cancelled, return to *Complaints* tab |
| TC0033 | UC0015 | Tenant logs in webapp |  | *Username:* room1 *Password:* room1 | Successful login |
| TC0034 | UC0015-4a | Tenant can’t login due to incorrect details |  | Leave fields blank | Error message |
| TC0035 | UC0016 | Tenant logs out | Logged in as *room1* or another tenant |  | Session ended, return to homepage |
| TC0036 | UC0017 | Tenant edits user details | Logged in as *room1* or another tenant |  | Action successful |
| TC0037 | UC0017-6a | Tenant can’t edit their user data due to data entry error | Logged in as *room1* or another tenant | Leave fields blank | Error message |
| TC0038 | UC0019 | Tenant creates an announcement | Logged in as *room1* or another tenant |  | Action successful, return to *Announcements* page |
| TC0039 | UC0019-5a | Tenant can’t create an announcement due to data entry error | Logged in as *room1* or another tenant | Leave fields blank | Error message |
| TC0040 | UC0019-5b | Tenant cancels announcement creation | Logged in as *room1* or another tenant |  | Action cancelled, return to *Announcements* page |
| TC0041 | UC0020 | Tenant edits their announcement | Logged in as *room1* or another tenant |  | Action successful, return to *Announcements* page |
| TC0042 | UC0020-6a | Tenant can’t edit their announcement due to data entry error | Logged in as *room1* or another tenant | Leave fields blank | Error message |
| TC0043 | UC0020-6b | Tenant cancels announcement editing | Logged in as *room1* or another tenant |  | Action cancelled, return to *Announcements* page |
| TC0044 | UC0021 | Tenant deletes their announcement | Logged in as *room1* or another tenant |  | Action successful, return to *Announcements* page |
| TC0045 | UC0021-4a | Tenant cancels announcement deletion | Logged in as *room1* or another tenant |  | Action cancelled, return to *Announcements* page |
| TC0046 | UC0022 |  | Logged in as *room1* or another tenant |  |  |
| TC0047 | UC0022-5a |  | Logged in as *room1* or another tenant |  |  |
| TC0048 | UC0022-5b |  | Logged in as *room1* or another tenant |  |  |
| TC0049 | UC0023 |  | Logged in as *room1* or another tenant |  |  |
| TC0050 | UC0023-6a |  | Logged in as *room1* or another tenant |  |  |
| TC0051 | UC0023-6b |  | Logged in as *room1* or another tenant |  |  |
| TC0052 | UC0024 |  | Logged in as *room1* or another tenant |  |  |
| TC0053 | UC0024-4a |  | Logged in as *room1* or another tenant |  |  |
| TC0054 | UC0025 | Tenant creates a complaint | Logged in as *room1* or another tenant |  | Action successful, return to *Complaints* page |
| TC0055 | UC0025-5a | Tenant can’t create complaint due to data entry error | Logged in as *room1* or another tenant |  | Error message |
| TC0056 | UC0025-5b | Tenant cancels creation of a new complaint | Logged in as *room1* or another tenant |  | Action cancelled, return to *Complaints* page |
| TC0057 | UC0026 | Tenant adds a response to their complaint | Logged in as *room1* or another tenant |  | Action successful, updated complaint shown |
| TC0058 | UC0026-5a | Tenant can’t add a response to their complaint due to a data entry error | Logged in as *room1* or another tenant |  | Error message |

**Common precondition: This project relies on a stable internet connection and access to the FHICT VDI environment.**