c

TEAM X-CEL - ACCEPTANCE TESTS

11.12.2018

DHARMIK SHAH
CALEB CHEN
BYRON LEUNG
RALPH MAAMARI

TABLE OF CONTENTS

INTRODUCTION 2

ACCEPTANCE TESTS 3

Acceptance test # 1 3

Acceptance test # 2 4

Acceptance test # 3 7

INTRODUCTION

This document will cover in detail how to perform acceptance tests for our application. Our application is entirely web based, and although we can make the unit tests fully automatic, it is not possible for the acceptance tests to run themselves.

We have broken down these tests into 3 sections, specifically the login, uploading of templates, and generation of reports.

Note that in order to test the user stories, a **downloaded version** of the software is required. You can find the installation information here. **Please clone it locally**. Once you have it running, it should appear in your browser under **http://localhost:8080/**

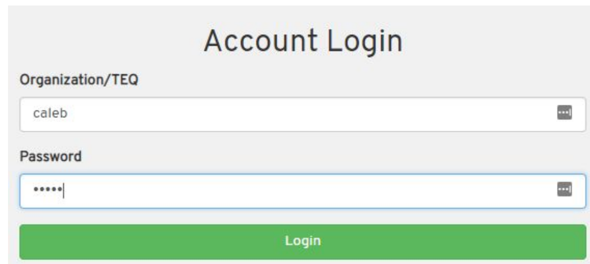
ACCEPTANCE TEST # 1

This section will cover how to test the login page and the creation of an account, as well as some smaller tasks like the workings of the navigation bar.

1. The ability to create an account

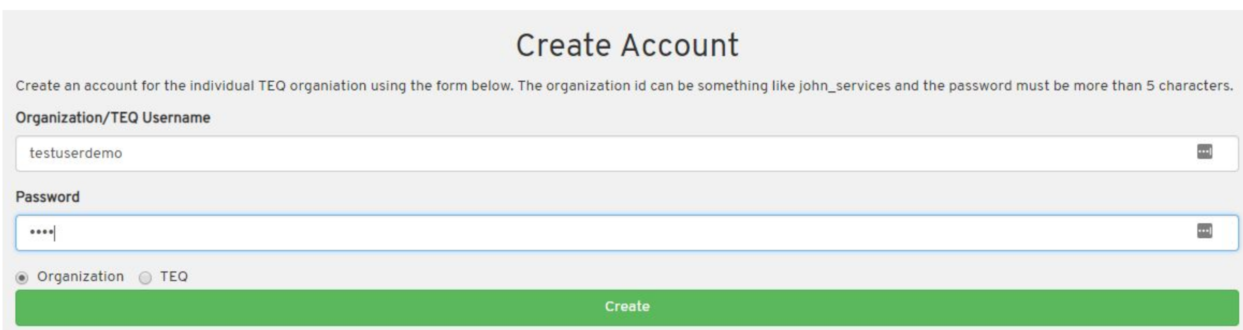
Only a verified TEQ member can create an account, whether that be of another TEQ member or an organization.

In order to perform this test, first you must first go to **/login** and enter the username **caleb** and the password is the same.



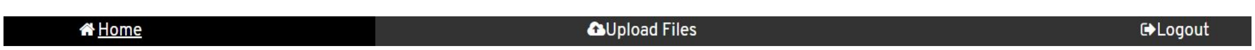
After you are logged in, hit the **Create** item in the navigation bar.

For our test case, we will enter the user as **testuserdemo** and the password as **test**. Make sure the **Organization** radio button is selected. After you have created the account, hit **Logout** in the navbar.



2. Having an organization member login

Now enter the credentials you had just defined, and hit login. You will firstly notice that the navbar items are different. This is because the TEQ and Organization accounts have access restricted access to pages.



3. Saving of local storage data

Now, immediately close the tab, and type **http://localhost:8080/** in your url bar. You will notice that you are still logged in, and this is testing the local storage data.

4. Protecting access of web pages

Since this is one web application, and we have two different types of users, we want to restrict the pages that each type of user can see. For example, go back and login again as **testuserdemo**. This is an organization account, and as such, should not be able to access the **/create** page which is used to create accounts. Try it out and see what happens. You will see that once you change your url to **http://localhost:8080/create**, you might catch a glimpse of the create page, but it will redirect you back to your homepage, so you cannot do anything more.

5. Other test cases

Some other test cases you can test for are the following:

Entering invalid credentials in the login page

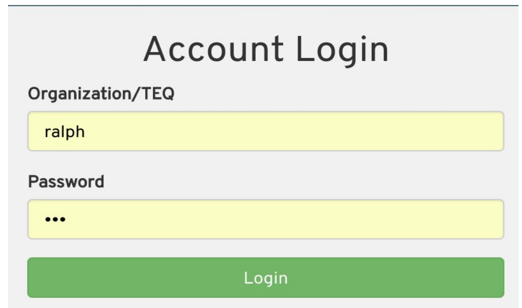
Creating an account with a username that has already been used in the past

ACCEPTANCE TEST # 2

This section will cover how to test the inserting of an iCARE template.

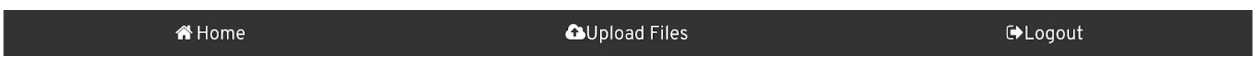
1.The ability to login as a member of the supporting agencies(organizations)

Only a verified supporting agencies member can upload files for TEQ members to generate reports. In order to upload files, first you will need to login as a member of the supporting agencies. Go to **http://localhost: 8080/login** and enter the username as **ralph** with password **qwe**.



2.Using navbar to access the upload-files page

With the correct username and the password provided by TEQ, you will be redirected to the homepage for organization members. And you will see the navbar at the top of the homepage.



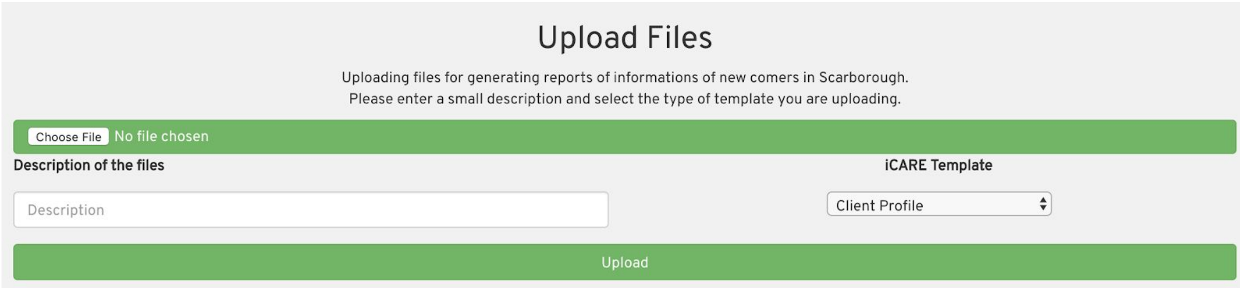
After login and see the right navbar, you will want to go to the **Upload Files** page by simply click on the **Upload Files** button.

3.Before upload

Before uploading any files, you need to make sure that the db/templates.db are empty for a fresh start. If the files are not empty, you need to make them empty.

4.Uploading files

You are able to upload files with different templates. First, you will need to click on the **Choose File** button to choose a file or files you want to upload. For **testing purposes**, please select the **iCARE Template (Client Profile)** we have provided in the **How-To/** folder. Then, you can enter a brief description of the files and select the **right template** of uploading files from the dropdown. **Select Client Profile.** Then, click on the **Upload** button.



After brief pause, you should see an alert that says the file has been uploaded. To verify this, open the **templates.db** file to see the information stored there.

5.Uploading the same file

Sometimes we might accidentally upload the same file, and this is problematic for the database. So, simply select the same file, keep the iCARE template as **Client Profile**, and hit upload. You should see the website tells us that the upload was successful, but you will see that the database does not change.

6. Uploading a different template

Organizations can upload templates of the different types. Upload the **iCARE Template (All)** and select **Employment** from the dropdown. **This might take a few more seconds than usual**. Now you should see that we have an entry for Employment in our database after our file uploads.

{"template":"Employment","entries":[{"Processing Details":"[BUID:305939,RID:,ORP:4/5,DTS:2018-08-07 10:05:0

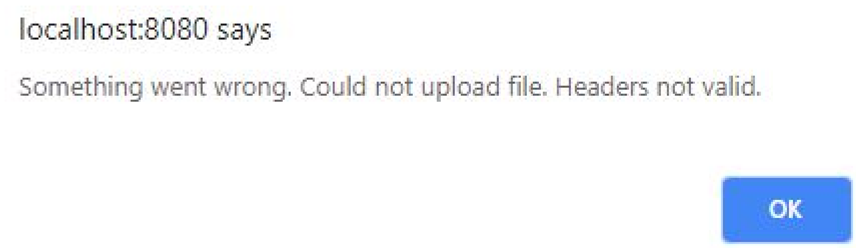
7. Uploading the same template, but with some info changed

In this test, we will upload the same template, but with some values modified. Select **iCARE Template (Client Profile) MODIFIED**. This file has the **Unique Identifier Value** changed and the **Official Language of Preference** set to **French.**

Save this, and upload it under **Client Profile**. You will see how the database object changes (there is a new one which contains the merging of the both Client Profiles). This will become more visible in the next section.

8. Validating the headers of the file

There might be cases where an org tries to upload a certain type of template, but does not have the correct headers in its iCARE template. We can detect this. Go ahead and upload the **iCARE Template (Client Profile) MODIFIED**, but, select **Community Collections** in the dropdown. You should see the following message:

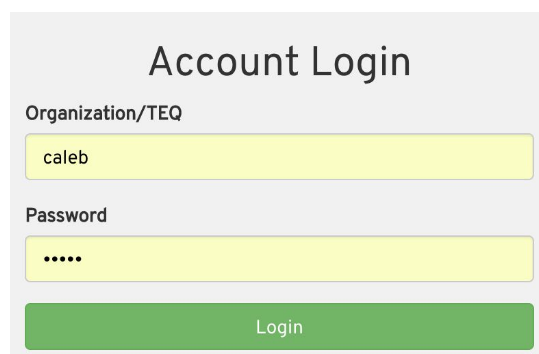


ACCEPTANCE TEST # 3

This section will cover how to test the generating of a report, based on the data that has been inserted.

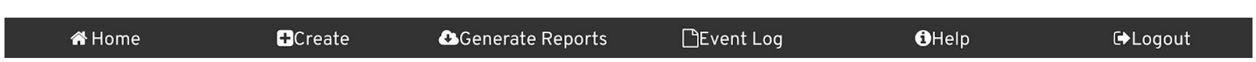
1.The ability to login as a member of TEQ

Only a verified TEQ member can generate reports. In order to generate reports, first you will need to login as a member of the TEQ. Go to **http://localhost: 8080/login** and enter the username as **caleb** with password **caleb**.

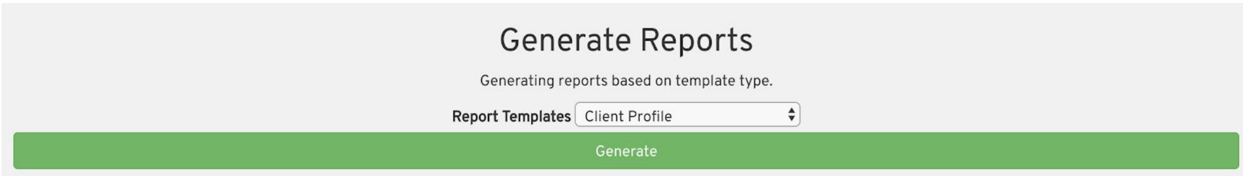


2.Using navbar to access the Generate Reports page

With the correct username and the password, you will be redirected to the homepage for the TEQ members. And you will see the navbar at the top of the homepage.



After login and see the right navbar, you will want to go to the **Generate Reports** page by simply click on the **Generate Reports** button.



3.Generating Reports

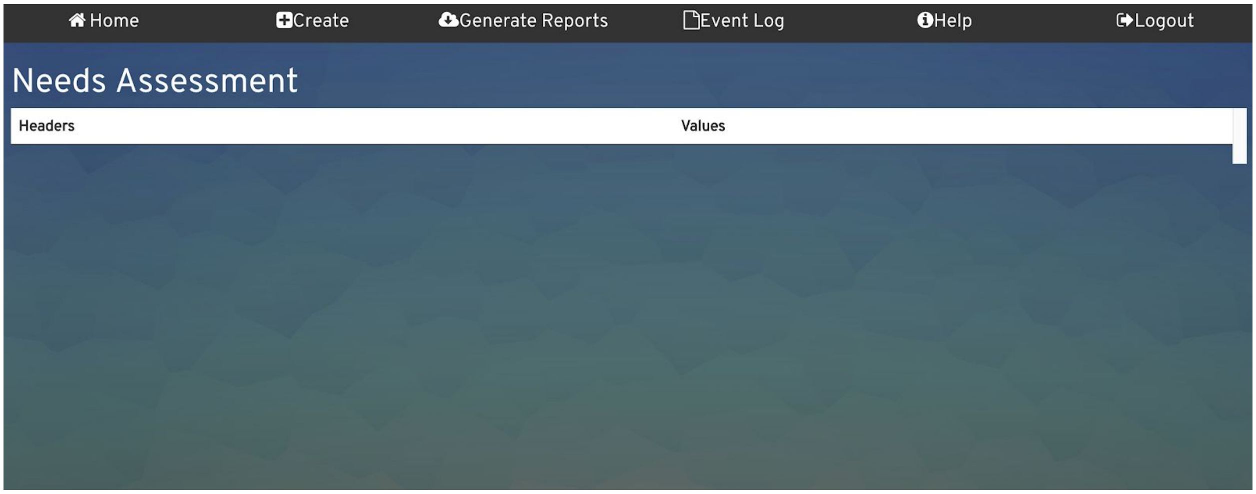
You are able to generate reports in different templates. First, you will need to choose a template you want to generate a report for. For testing purposes, choose **Client Profile**. Then, you can simply click on the **Generate** button.

If you select the right template for generating the report (it exists in the database), you will see a table containing all the information of Client Profile. You can also see that the **OFFICIAL LANGUAGE OF PREFERENCE** has one English (Client Profile), one French (Client Profile Modified), as we uploaded two different types of this template.

Client Profile

Total	2
STREET TYPE	
Abbey	2
Total	2
STREET DIRECTION	
E - East	2
Total	2
PROVINCE	
Ontario	2
Total	2
OFFICIAL LANGUAGE OF PREFERENCE	
English	1
French	1
Total	2
CONSENT FOR FUTURE RESEARCH/CONSULTATION	
Yes	2
Total	2

If you select other templates which the organization members did not any upload files to. You will only see the header of the report of the selected template since there is no information to display.


Home
Create
Generate Reports
Event Log
Help
Logout
Needs Assessment
Headers
Values