Noteify Test Plan
CSCE 361 Fall 2017
Group 12

1. Introduction

The purpose of this document is to outline the testing strategies used for the Noteify Application. Requirements based testing was utilized, which means that the requirements specification document will be used to obtain a list of testing requirements which will then be tested on the system.

The rest of this document is divided into three parts. First, testing requirements which are derived from the requirements specification(RS). Second, test cases that outline the purpose, procedure, and expected output that cover all the testing requirements. Third, testing report which describes the results by running the test cases.

2. Testing Requirements

2.1 Application Startup

    2.1.1   RS 3.2.1.1

          Launch the application, login if user stored in cache, else prompt login page

2.2 Login Page

    2.2.1   RS 3.2.1.1.3

          Invoke login with no arguments for email and password fields.

    2.2.2   RS 3.2.1.1.2

          Invoke login with correct registered email and password pair.

    2.2.3   RS 3.2.1.1.3

          Invoke login by using an argument that is not an email for email field.

    2.2.4   RS 3.2.1.1.3

          Invoke login by using an argument that is not a registered email for email field

    2.2.5   RS 3.2.1.1.3

          Invoke login by using an argument that is not a valid password for a registered email for password field

    2.2.6   RS 3.2.1.1.1

          Invoke login via Facebook login button with valid credentials

    2.2.7   RS 3.2.1.1.1

          Invoke login via Github login button with valid credentials

    2.2.8   RS 3.2.1.1.1

          Invoke login via Google login button with valid credentials

    2.2.9   RS 3.2.1.1.1

          Invoke login via Twitter login button with valid credentials

    2.2.10 RS 3.2.1.1.4

          Invoke register button.

2.3 Registration Page

    2.3.1   RS 3.2.1.1.4.1

Attempt to register with valid email address and password.

    2.3.2   RS 3.2.1.1.4.1

Attempt to register with an email address that is already registered

    2.3.3   RS 3.2.1.1.4.1

Attempt to register with an invalid password.

    2.3.4   RS 3.2.1.1.4.1

Attempt to register with an invalid email address.

    2.3.5   RS 3.2.1.1.4.1

Attempt to register with email address and password fields left blank.

  2.4 Profile Page

    2.4.1   RS 3.2.1.2.2

Invoke Change Password button

    2.4.2   RS 3.2.1.2.2

Attempt to change password to invalid password or to same as old

    2.4.3   RS 3.2.1.2.2

Attempt to change password without valid old password

    2.4.4   RS 3.2.1.2.2

Change password to valid new input, with correct old password
entered for validation

  2.5 Entries Page

    2.5.1   RS 3.2.1.3.1

Create a basic entry with a title

    2.5.2   RS 3.2.1.3.1

Attempt to create entry without title

    2.5.3   RS 3.2.1.3.2

Select entry with checkbox to mark complete

    2.5.4   RS 3.2.1.3.3

Hide completed entries with checkbox.

    2.5.5   RS 3.2.1.3.4

Attempt to delete an entry after adding.

3. Test Cases

  3.1 Application Startup

    3.1.1 Test 1

    Purpose:

    Test if the website launches without credentials and prompts for one

    Setup:

    Launch the website in localhost

Inputs and Expected Outputs

Input	Expected Output
Start the website	Homepage is displayed without anyone logged in

Testing Requirements Covered:
Testing requirement 2.1.1

3.1.2 Test 2
Purpose:
Test to see if the website saves your credentials when you exit and return to the website
Setup:
Log in using your credentials and exit the browser without logging off, restart the website and check if the credentials are saved.

Inputs and Expected Outputs

Input	Expected Output
Start the website again	Homepage is displayed and our credentials are saved

Testing Requirements Covered:
Testing requirement 2.1.1

3.2 Login Page
3.2.1 Test 3
Purpose:
Login with no arguments for email and password fields
Setup:
Launch the website and navigate to the login area
Inputs and Expected Outputs

Input Field	Input	Information Accepted	Expected Output
User/Email	-	false	Error: Incorrect

			User/email
Password	-	false	Error: Incorrect password

Testing Requirements Covered:
Testing Requirement 2.2.1
3.2.1 Test 4
Purpose:
Login with correct registered email and password pair.
Setup:
Launch the website and navigate to the login area

 Inputs and Expected Outputs

Input Field	Input	Information Accepted	Expected Output
User/Email	priamwad	true	Login user and update page
Password	poudel	true	Login user and update page

Testing Requirements Covered:
Testing Requirement 2.2.2

3.2.1 Test 5
Purpose:
Login with an incorrect email address
Setup:
Launch the website and navigate to the login area
 Inputs and Expected Outputs

Input Field	Input	Information Accepted	Expected Output
User/Email	pri@email.com	false	Error: Incorrect
Password	poudel	true	-

Testing Requirements Covered:
Testing Requirement 2.2.3

3.2.1 Test 6
Purpose:

Setup:
Launch the website and navigate to the login area
 Inputs and Expected Outputs

Input Field	Input	Information Accepted	Expected Output
User/Email	prem@gmail.com	false	Error: Incorrect
Password	poudel	true	-

Testing Requirements Covered:
Testing Requirement 2.2.4

3.2.1 Test 7
Purpose:
Login with a registered email, but with an incorrect password
Setup:
Launch the website and navigate to the login area
 Inputs and Expected Outputs

Input Field	Input	Information Accepted	Expected Output
User/Email	poudel@gmail.com	true	-
Password	p90010213	false	Error: Incorrect

Testing Requirements Covered:
Testing Requirement 2.2.5

3.2.1 Test 8

Purpose:

Login via Facebook login button with valid credentials

Setup:

Launch the website and navigate to the login area and selecting Facebook

Inputs and Expected Outputs

Input Field	Input	Information Accepted	Expected Output
User/Email	fakepriamwad@gmail.com	true	Login user and update page
Password	Husker11	true	Login user and update page

Testing Requirements Covered:

Testing Requirement 2.2.6

3.2.1 Test 9

Purpose:

Login via Github login button with valid credentials

Setup:

Launch the website and navigate to the login area and selecting Github

Inputs and Expected Outputs

Input Field	Input	Information Accepted	Expected Output
User/Email	fakepriamwad@gmail.com	true	Login user and update page
Password	#Husker1994	true	Login user and update page

Testing Requirements Covered:

Testing Requirement 2.2.7

3.2.1 Test 10

Purpose:

Login via Google login button with valid credentials

Setup:

Launch the website and navigate to the login area and selecting Google

Inputs and Expected Outputs

Input Field	Input	Information Accepted	Expected Output
User/Email	fakepriamwad@gmail.com	true	Login user and update page
Password	#Husker1995	true	Login user and update page

Testing Requirements Covered:

Testing Requirement 2.2.8

3.2.1 Test 11

Purpose:

Login via Twitter login button with valid credentials

Setup:

Launch the website and navigate to the login area and selecting Twitter

Inputs and Expected Outputs

Input Field	Input	Information Accepted	Expected Output
User/Email	fakepriamwad@gmail.com	true	Login user and update page
Password	#Husker1996	true	Login user and update page

Testing Requirements Covered:

Testing Requirement 2.2.9

3.2.1 Test 12

Purpose:

Test the register button

Setup:

Launch the website and navigate to the login area and select register

Inputs and Expected Outputs

Input	Expected Outputs
Click on change register button	New window pops up with three entries, Email/Username: Password: Confirm Password:

Testing Requirements Covered:

Testing Requirement 2.2.10

3.3 Registration Page

3.3.1 Test 13

Purpose:

Register with valid email address and password

Setup:

Launch the website and navigate to the login area click on create account

Inputs and Expected Outputs

Input field	Input	Information Accepted	Expected Output
Email/User	priamwad1@gmail.com	true	Login and update page
Password	poudel1	true	Login and update page
Confirm Password	poudel1	true	Login and update page

Testing Requirements Covered:

Testing Requirement 2.3.1

3.3.2 Test 14

Purpose:

Register with an email address that is already registered

Setup:

Launch the website and navigate to the login area click on create account

Inputs and Expected Outputs

Input field	Input	Information Accepted	Expected Output
Email/User	priamwad1@gmail.com	false	User already exist error
Password	poudel2	-	-
Confirm Password	poudel2	-	-

Testing Requirements Covered:

Testing Requirement 2.3.2

3.3.3 Test 15

Purpose:

Register with an password that does not meet requirements

Setup:

Launch the website and navigate to the login area click on create account

Inputs and Expected Outputs

Input field	Input	Information Accepted	Expected Output
Email/User	darinbarth@gmail.com	-	-
Password	moon	false	Password must be at least 6 characters long
Confirm Password	moon	false	Password must be at least 6 characters long

Testing Requirements Covered:

Testing Requirement 2.3.3

3.3.4 Test 16
Purpose:
Register with an email that does not meet requirements
Setup:
Launch the website and navigate to the login area click on create
account
 Inputs and Expected Outputs

Input field	Input	Information Accepted	Expected Output
Email/User	darinbarth@gmail	false	Invalid email
Password	potato	-	-
Confirm Password	potato	-	-

Testing Requirements Covered:
Testing Requirement 2.3.4

3.3.5 Test 17
Purpose:
Register with the password and email section blank
Setup:
Launch the website and navigate to the login area click on create
account
 Inputs and Expected Outputs

Input field	Input	Information Accepted	Expected Output
Email/User	-	false	Invalid email
Password	-	false	Password must be at least 6 characters long
Confirm	-	false	Password must

Password			be at least 6 characters long

Testing Requirements Covered:
Testing Requirement 2.3.5

3.4 Profile Page

    3.4.1 Test 18

Purpose:

To see if the change password button works

Setup:

Launch the website and navigate to the login area and click change password

 Inputs and Expected Outputs

Input	Expected Outputs
Click on change password button	New window pops up with three entries, Current Password: New Password: New Password again:

Testing Requirements Covered:
Testing Requirement 2.4.1

3.4.2 Test 19

Purpose:

Attempt to change password to invalid password or to same as old

Setup:

Launch the website and navigate to the login area and click change password

 Inputs and Expected Outputs (old password)

Input field	Input	Information Accepted	Expected Output

Current password	poudel1	true	updates page with new information
New password	poudel1	true	updates page with new information
New password again	poudel1	true	updates page with new information

Inputs and Expected Outputs (invalid password)

Input field	Input	Information Accepted	Expected Output
Current password	poudel1	true	-
New password	pou	false	Password must be 6 characters long
New password again	pou	false	Password must be 6 characters long

Testing Requirements Covered:
Testing Requirement 2.4.2

3.4.3 Test 20
Purpose:
Attempt to change password without valid old password
Setup:
Launch the website and navigate to the login area and click change password
 Inputs and Expected Outputs

Input field	Input	Information Accepted	Expected Output
Current password	sadsafadfdsf	false	Password doesn'tt match
New password	poudel2	-	-
New password again	poudel2	-	-

Testing Requirements Covered:
Testing Requirement 2.4.3

3.4.4 Test 21
Purpose:
Change password to valid new input, with correct old password entered for validation

Setup:
Launch the website and navigate to the login area and click change password
Inputs and Expected Outputs

Input field	Input	Information Accepted	Expected Output
Current password	poudel1	true	Update the page with new information
New password	poudel2	true	Updates the page with new information
New password again	poudel2	true	Updates the pages with new information

Testing Requirements Covered:

Testing Requirement 2.4.4

3.5 Entries Page

    3.5.1 Test 22

Purpose:

Create a basic entry with a title

Setup:

Launch the website and login using valid username and password and click on entry field.

 Inputs and Expected Outputs

Input field	Input	Information Accepted	Expected Output
Entry field	test	true	New entry with name "test" generated

Testing Requirements Covered:

Testing Requirement 2.5.1

    3.5.2 Test 23

Purpose:

Create a entry without a title

Setup:

Launch the website and login using valid username and password and click on entry field.

 Inputs and Expected Outputs

Input field	Input	Information Accepted	Expected Output
Entry field	-	true	New entry with name " " generated

Testing Requirements Covered:

Testing Requirement 2.5.2

3.5.3 Test 24

Purpose:

Mark entry complete by checking the checkbox

Setup:

Launch the website and login using valid username and password and click on entry field.

Inputs and Expected Outputs

Input	Expected Output
Click checkbox	Entry is marked complete

Testing Requirements Covered:

Testing Requirement 2.5.3

3.5.4 Test 25

Purpose:

Hiding completed entries by clicking checkbox

Setup:

Launch the website and login using valid username and password and click on entry field.

Inputs and Expected Outputs

Input	Expected Output
Click completed checkbox	Entries marked completed are hidden

Testing Requirements Covered:

Testing Requirement 2.5.4

3.5.5 Test 26

Purpose:

Deleting an entry after it is created

Setup:

Launch the website and login using valid username and password and create entry.

Inputs and Expected Outputs

Input	Expected Output
Click "X" next to entry	Entry associated with "X" is deleted

Testing Requirements Covered:

Testing Requirement 2.5.5