Architecture Requirements

COS 301 ASSIGNMENT
GROUP 2 B

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April 2015

Github link:
`https://github.com/YipYouGuessedIt/Content-Testing`
version: 1.0

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1 Introduction

The purpose of this document is to provide incite into what was produced by both Content Team A (Buzz++) and Content Team B (D3). Groups were to provide an infrastructure to their low level teams and then build integration tests that would then allow the functional teams produced code to be tested and eventually added into the system. Tests were done per sub module (e.g. reporting, resource, threads and status) as to break up the integration that was to be done and provide and easier way to compare the teams work and functional code.

2 Threads Integration

2.1 Threads Team A

2.1.1 Functional Testing

if success:

Test One Name

Expected Test output Please write what the client expected the test to do.

Actual Test output This test was a success
if it is not a success:

Test Two Name

Expected Test output Please write what the client expected the test to do.

Actual Test output This test was a failure for the following reasons

- because the team didn't implement this
- because testing

2.1.2 Non-Functional Testing

Problem name 1 identified - e.g. Scalability this is why this is an issue with scalability, blah blah blah

Example of problem this problem is caused because of potatoes. maybe add picture if required.

Problem name 2 identified - e.g. Security this is why this is an issue with Security, blah blah blah

Example of problem this problem is caused because of potatoes. maybe add picture if required.

2.2 Threads Team B

2.2.1 Functional Testing

if success:

Test One Name

Expected Test output Please write what the client expected the test to do.

Actual Test output This test was a success
if it is not a success:

Test Two Name

Expected Test output Please write what the client expected the test to do.

Actual Test output This test was a failure for the following reasons

- because the team didn't implement this
- because testing

2.2.2 Non-Functional Testing

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2.3 Threads Comparison

3 Status Integration

3.1 Status Team A

3.1.1 Functional Testing

if success:

Test One Name

Expected Test output Please write what the client expected the test to do.

Actual Test output This test was a success
if it is not a success:

Test Two Name

Expected Test output Please write what the client expected the test to do.

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Example of problem this problem is caused because of potatoes. maybe add picture if required.

3.2 Status Team B

3.2.1 Functional Testing

if success:

Test One Name

Expected Test output Please write what the client expected the test to do.

Actual Test output This test was a success
if it is not a success:

Test Two Name

Expected Test output Please write what the client expected the test to do.

Actual Test output This test was a failure for the following reasons

- because the team didn't implement this
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3.2.2 Non-Functional Testing

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3.3 Status Comparison

4 Resources Integration

4.1 Resources Team A

4.1.1 Functional Testing

if success:

Test One Name

Expected Test output Please write what the client expected the test to do.

Actual Test output This test was a success
if it is not a success:

Test Two Name

Expected Test output Please write what the client expected the test to do.

Actual Test output This test was a failure for the following reasons

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- because testing

4.1.2 Non-Functional Testing

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Example of problem this problem is caused because of potatoes. maybe add picture if required.

4.2 Resources Team B

4.2.1 Functional Testing

if success:

Test One Name

Expected Test output Please write what the client expected the test to do.

Actual Test output This test was a success
if it is not a success:

Test Two Name

Expected Test output Please write what the client expected the test to do.

Actual Test output This test was a failure for the following reasons

- because the team didn't implement this
- because testing

4.2.2 Non-Functional Testing

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4.3 Resources Comparison

5 Reporting Integration

5.1 Reporting Team A

5.1.1 Functional Testing

If the use case implementation was successful:

Requirement 1

Expected functionality 1. It provides statistical information that can be used in the interface to display facts about the average user and how the logged-in user compares with the average.

Actual Test output This test was a failure, due to the fact that the files that were meant to be uploaded for Group A reporting were not added to the final github commit, thus there are no files to test.

Requirement 2

Expected functionality 2. It provides ways to gather data that is in the persistent store and present it in a format that is usable by other modules that are external to Buzz.

Actual Test output This test was a failure, due to the fact that the files that were meant to be uploaded for Group A reporting were not added to the final github commit, thus there are no files to test.

Requirement 3

Expected functionality 3. It provides functionality to alter record sets in a Buzz space by uploading the relevant information that is stored in a csv file.

Actual Test output This test was a failure, due to the fact that the files that were meant to be uploaded for Group A reporting were not added to the final github commit, thus there are no files to test.

Required Use-Cases

Get Thread Statistics Meant to provide a versatile way to get statistical information of subsets of posts complying with specified restrictions.

Get Thread Appraisal Meant to provide a versatile way to get detailed or statistical information of subsets of posts complying with specified restrictions and their associated appraisals assigned by specified members.

Export Thread Appraisal Meant to realise an off-line facility to apply a manual appraisal. It creates the dataset to be used that can be edited offline and allow updates to be inserted through the importThreadAppraisal function.

Import Thread Appraisal Meant to realise an offline-facility to apply a manual appraisal. It is dependent on the exportThreadAppraisal function

Export Thread Meant to provide means to back up the content of a thread or subset of a thread in a serialised text file.

Import Thread Meant to provide means to restore the content of a thread or subset of a thread that was stored using the exportThread function

Test Coverage Analysis This test was a failure, due to the fact that the files that were meant to be uploaded for Group A reporting were not added to the final github commit, thus there are no files to test. Thus there was a 0 percent completion rate for this phase of the mini project.

5.1.2 Non-Functional Testing

Problems The files that were meant to be uploaded for Group A reporting were not added to the final github commit, thus there are no files to test.

Performance Due to this, there would be a problem with performance.

Scalability Due to this, there would be a problem with Scalability.

Maintainability Due to this, there would be a problem with Maintainability.

Reliability Due to this, there would be a problem with Reliability.

Usability Due to this, there would be a problem with Usability.

5.2 Reporting Team B

5.2.1 Functional Testing

if success:

Test One Name

Expected Test output Please write what the client expected the test to do.

Actual Test output This test was a success
if it is not a success:

Test Two Name

Expected Test output Please write what the client expected the test to do.

Actual Test output This test was a failure for the following reasons

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5.2.2 Non-Functional Testing

Problem name 1 identified - e.g. Scalability this is why this is an issue with scalability, blah blah blah

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5.3 Reporting Comparison