Testing

graded unit

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## Lidiflu Website Test strategy

### Overview

#### Testing stage:

Integration testing

#### Scheduled for Example:

26/02/13 - 08/03/13

#### Location

Testing will be carried out in the computer lab level 10 City of Glasgow College

#### Participants Instructions:

2 Testers

The skills required are:

* Technical and specialist ability in website design and implication
* Should be familiar with manual test scripts implementation

#### Testing Environment

The test area will consist of a room equipped with the necessary equipment as detailed below.

#### Equipment

* 2 PCs with Windows 7
* Chrome, Internet Explorer, Opera, Firefox
* All with access to the LAN
* All with access to the Internet
* A black and white laser printer

#### Data Instructions

See test data

#### Backup Instructions

Backups should occur:

* Hourly
* During the day at the request of the Test Manager

Responsibility for backups is listed below:

* Test Manager responsible for requesting backups at unscheduled times

### Procedures

#### Problem Identification

|  |  |
| --- | --- |
| Step | Action |
| 1 | Identify suspected problem |
| 2 | Refer to Test Manager |
| 2 | All identified problems to be logged in the Test Log documentation (see Test Log section). |

#### Sign-off testing

|  |  |
| --- | --- |
| Step | Action |
| 1 | Carry out each testing activity in the "Test Plan" using the "Test  Scripts". |
| 2 | If testing successful, go to Step 4 |
| 3 | If unsuccessful, see procedure for "Problem Identification". |
| 4 | Sign and date the "Test Script" |

## Lidiflu Mobile App Test strategy

### Overview

#### Testing stage:

Integration testing

#### Scheduled for Example:

26/02/13 - 08/03/13

#### Location

Testing will be carried out in the computer lab level 10 City of Glasgow College

#### Participants Instructions:

2 Testers

The skills required are:

* Technical and specialist ability in app design and implication
* Should be familiar with manual test scripts implementation

#### Testing Environment

The test area will consist of a room equipped with the necessary equipment as detailed below.

#### Equipment

* 2 Windows 7 Mobile Phones

#### Data Instructions

See test scripts

#### Backup Instructions

Backups should occur:

* Hourly
* During the day at the request of the Test Manager

Responsibility for backups is listed below:

* Test Manager responsible for requesting backups at unscheduled times

### Procedures

#### Problem Identification

|  |  |
| --- | --- |
| Step | Action |
| 1 | Identify suspected problem |
| 2 | Refer to Test Manager |
| 2 | All identified problems to be logged in the Test Log documentation (see Test Log section). |

#### Sign-off testing

|  |  |
| --- | --- |
| Step | Action |
| 1 | Carry out each testing activity in the "Test Plan" using the "Test  Scripts". |
| 2 | If testing successful, go to Step 4 |
| 3 | If unsuccessful, see procedure for "Problem Identification". |
| 4 | Sign and date the "Test Script" |

## Test Plan

|  |  |  |  |
| --- | --- | --- | --- |
| SYSTEM DOCUMENTATION | | | |
| TEST PLAN – Lidiflu Ltd Website | | | |
| TEST NO | PURPOSE OF TEST | | |
| 1  2  3  4  5  6  7  8  9  10  11 | Test all links  Test Login Facility  Test All Images  Test Image Upload  Test Badge Search  Test Games  Test Adding Product  Test Adding Engineering  Test Weather Widget  Test Cart Facility  Test Checkout | | |
| SYSTEM: Lidiflu Ltd Website | | AUTHOR: Niall Ferguson | DATE: |

|  |  |  |  |
| --- | --- | --- | --- |
| SYSTEM DOCUMENTATION | | | |
| TEST PLAN – Lidiflu Ltd Mobile App | | | |
| TEST NO | PURPOSE OF TEST | | |
| 1  2  3 | Test Jobs Display  Test Assigning Self To Job  Test Signing off Job | | |
| SYSTEM: Lidiflu Ltd Mobile App | | AUTHOR: Niall Ferguson | DATE: |

## Test Data

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | Lidiflu Ltd Website | | | | | | |
|  | | TEST DATA | | | | | | |
| TEST NO\* | INPUT | | | EXPECTED RESULTS | | Phase | ACTUAL RESULTS | |
| 1.1  1.2  1.3  1.4  1.5  1.6  1.7  1.8  1.9  2.1  2.2  2.3  3.1  3.2  3.3  3.4  3.5  4.1  4.2  4.3  5.1  6.1  6.2  7.1  7.2  8.1  8.2  9.1  9.2  9.3  9.4  10.1  10.2  11.1  11.2 | Type [www.lidiflu.co.uk](http://www.lidiflu.co.uk) in navigation bar  Test Links on Hompage  Test links on Contact  Test links on Checkout  Test links on Admin  Test links on Gallery  Test links on Shop  Test links on Shop Cart  Test links on Register  Try to access restricted page  Try to access restricted page invalid login details  Try to access restricted page valid login details  Check all Images appear on Hompage  Check all Images appear on Contact Page  Check all Images appear on Checkout Page  Check all Images appear on Gallery Page  Check all Images appear on Shop  Check all Images appear on Shop Cart  Check all Images appear on Register  Check all Images appear on Admin  Upload singe image file  Upload multiple images  Upload non-Image file  Submit New Product Details  Remove Product  Submit New Engineer Job  Remove Engineer Job  Sunny Day  Cloudy Day  Sunny/Windy  Cloudy/Windy Day  Add Item to Cart  Remove Item from Cart  Pay with paypal  Pay with credit card | | | Taken to Lidiflu Website  Taken to relevant page  Taken to relevant page  Taken to relevant page  Taken to relevant page  Taken to relevant page  Taken to relevant page  Taken to relevant page  Taken to relevant page  Access denied, taken to Register page  Access denied, taken to Register page  Access granted, taken to Account page.  Images appear successfully on page. No broken links.  Images appear successfully on page. No broken links.  Images appear successfully on page. No broken links.  Images appear successfully on page. No broken links.  Images appear successfully on page. No broken links.  Images appear successfully on page. No broken links.  Images appear successfully on page. No broken links.  Images appear successfully on page. No broken links.  Upload completed successfully. Image in upload folder  Upload completed successfully. Images in upload folder  Upload not allowed  All Product Details from form added to Product Database  Product Removed from Database  All Job Details from form added to Product Database  Job Removed from Database  Weather Widget Displays Sun  Weather Widget Displays Cloud  Weather Widget Displays Sun and Maintenance Link  Weather Widget Displays Cloud and Maintenance Link  Correct Item Added to Cart, shopping bag number +1, total updated.  Shopping Bag number -1, total updated  Taken to paypal page, information processed correctly. Total number of items of product in database -1. Money delivered to paypal account.  Credit card information processed correctly. Total number of items of product in database -1. Money delivered to account | | 1  1  1  2  2  2  1  2  1  2  1  1  1  1  1  1  2  2  2  2  1 |  | |
| SYSTEM: Lidiflu Ltd Website | | |  | | AUTHOR: Niall Ferguson | | | DATE: |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | Lidiflu Ltd Mobile App | | | |
|  | | TEST DATA | | | |
| TEST NO\* | INPUT | | EXPECTED RESULTS | Phase | ACTUAL RESULTS |
| 1.1  1.2  2.1  2.2 | Load App  Click on Job Title  Click on “Take Job”  Click on “job complete” | | All Job Titles from database are displayed in list  Job Details are displayed  Taken to confirm job page. Job assigned to user in database. Job no longer displayed on loading of app.  Job Completed and removed from database. |  |  |

## Test Log

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| SYSTEM DOCUMENTATION | | | | | | |
| TEST LOG | | | | | | |
| TEST NO\* | DATE | SUCCESS  () | | FAILURE  () | REASON FOR FAILURE | |
|  |  |  | |  |  | |
| SYSTEM: Lidiflu Ltd Website | | | AUTHOR:NIALL FERGUSON | | | DATE: |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| SYSTEM DOCUMENTATION | | | | | | |
| TEST LOG | | | | | | |
| TEST NO\* | DATE | SUCCESS  () | | FAILURE  () | REASON FOR FAILURE | |
|  |  |  | |  |  | |
| SYSTEM: Lidiflu Ltd Mobile App | | | AUTHOR:NIALL FERGUSON | | | DATE: |