CSC7056 – Software Testing & Verification: Group Project

Team Trigger Formal Requirements

*Title Page*

* Queens Logo is very small compared to the Firebrand logo

*Ranking: Minor.*

* Title refers to the company as ‘the Pizza Computing Company’ whereas the logo just shows Pizza Computing

*Ranking: Major.*

* Six different fonts on the title page

*Ranking: Minor.*

* Poorly formatted

*Ranking: Major.*

* “Web site” is incorrect. Needs changed to “website” throughout the entire document.

*Ranking: Minor.*

*Revision History + Document Approval*

* Version history V1.0 has no listed author for traceability

*Ranking: Critical.*

* Document Approval field named “title” is ambiguous as unsure whether it is title of the person signing the document or the title of the document.

*Ranking: Critical.*

*Table of Contents*

* Numbering of requirements in 3.1 should follow the style above, as in 3.1.1, 3.1.2, 3.1.3 etc. should also have a further indent.

*Ranking: Critical.*

* The page numbers are incorrect for “Other Requirements” and “Schedule” pages.

*Ranking: Critical.*

* No page for “Error Page” or “Other Requirements”

*Ranking: Critical.*

1. *Introduction*

* Remove the (SRS) no need for abbreviation

*Ranking: Minor.*

* Company name is “Pizza Computing” not “Pizza Computers”

*Ranking: Major.*

* 1. *Purpose*
* Use of “Pizza Computers”.

*Ranking: Major.*

* Refers to the company as Firebrand however the logo refers to the company as Firebrand Web Design.

*Ranking: Minor.*

* Title is a different font than the rest of the titles.

*Ranking: Minor.*

* 1. *Scope*
* Format is not consistent. First use of parenthesis for separate points.

*Ranking: Minor.*

* QUB acronym is not needed.

*Ranking: Minor.*

* “The company targets computing students at QUB” should be a separate point.

*Ranking: Major.*

* Pizzas should not be capitalised.

*Ranking: Minor.*

* In point (1) replace the use of “:” with “is a” for better grammar

*Ranking: Minor.*

* 1. *Definitions, Acronyms and Abbreviations*
* Tooltip definition needs to be added.

*Ranking: Major.*

1. *General description*
   1. *Product perspective*

* “Similar to many other fast-food ordering” – ambiguous as many different fast-food restaurants have different ways of ordering.

*Ranking: Minor.*

* Line spacing between “General Description” and “Product Perspective” is inconsistent.

*Ranking: Minor.*

* “Payment is made when customer calls to collect” – “calls” is ambiguous as it can either mean to ring or to visit.

*Ranking: Major.*

* Refers to the system as “site” rather than system or website.

*Ranking: Major.*

1. *Functional Requirements* 
   1. *- General User Interface*

* “User Interface” and “Requirements” should be capitalised in title

*Ranking: Minor.*

* Using 4 as the starting point for numbering is not consistent.

*Ranking: Critical.*

* No colon needed in the titles.

*Ranking: Minor.*

*4.1.1*

* Does not specify which logo should be used or what the logo is.

*Ranking: Major.*

*4.1.2*

* Not explicit what the information is.

*Ranking: Major.*

*4.1.3*

* The use of the word “appropriate” is ambiguous and cannot be tested as it is a subjective term.

*Ranking: Critical.*

* Validation should be a separate requirement section.

*Ranking: Major.*

*4.1.4*

* Title is ambiguous and cannot be tested.

*Ranking: Critical.*

*4.1.5*

* “May have cookies” is not a functional requirement. The requirement cannot be tested as the use of the word “may” is not definitive.

*Ranking: Critical.*

*4.1.7*

* The use of the word “appropriate” is ambiguous and cannot be tested as it is a subjective term.

*Ranking: Critical.*

* Tooltip should not be capitalised

*Ranking: Minor.*

*Website pages*

* “Website pages” should be capitalised.

*Ranking: Minor.*

*4.1.8*

* Reset Password needs to be capitalised.

*Ranking: Minor.*

* Need to use a semicolon before the start of the web page list.

*Ranking: Minor.*

*4.1.9*

* Reset Password needs to be capitalised.

*Ranking: Minor.*

* My Account page doesn’t exist according to pages listed above

*Ranking: Critical.*

*Navigation*

*4.1.10*

* The use of the word “common navigation” is ambiguous and cannot be tested as it is a subjective term.

*Ranking: Critical.*

*4.1.11*

* Referred to an “Order” page but 4.1.9 refers to an “OrderPizza” page.

*Ranking: Major.*

* The use of the term “most” is not quantifiable and therefore cannot be tested.

*Ranking: Critical.*

*4.1.12*

* Referred to a “Register” and “Log in” pages but in 4.1.9 referred to as “Registration” and “Login” pages

*Ranking: Minor.*

*4.1.13*

* My account page doesn’t exist

*Ranking: Critical.*

* All logged on users can log off from any page should be a separate requirement.

*Ranking: Minor.*

*4.1.14*

* Forgot password” is not capitalised.

*Ranking: Minor.*

* The use of the word “appropriate” is ambiguous and cannot be tested as it is a subjective term.

*Ranking: Critical.*

* “Navigation links should show an appropriate tooltip for each link” should be a separate requirement.

*Ranking: Minor.*

*Login page*

*4.1.16*

* Poor use of grammar.

*Ranking: Minor.*

*4.1.17*

* Poor use of grammar.

*Ranking: Minor.*

*4.1.18*

* Need to use a period in the description.

*Ranking: Minor.*

*4.1.19*

* The requirement does not specify how long “a period of time” is. Need to quantify in order to test.

*Ranking: Critical.*

*Registration*

*4.1.20*

* First and last name separated out prior to brackets, remove brackets and ask for users first and last names

*Ranking: Minor.*

* Password details not needed and don’t match a pre-mentioned requirement,

*Ranking: Critical.*

* The use of the word “appropriate” is ambiguous and cannot be tested as it is subjective.

*Ranking: Critical.*

* From the term “appropriate” on should be a separate requirement

*Ranking: Major.*

*4.1.21*

* “Appropriate message” is ambiguous and cannot be tested.

*Ranking: Critical.*

*4.1.22*

* Software specification is not needed.

*Ranking: Major.*

*Home*

*4.1.23*

* From “including a link” should be a separate point

*Ranking: Major.*

* “Textual information” is too vague. Needs to be more specific.

*Ranking: Minor.*

*About Page*

*4.1.25*

* ”Textual information” is not specific enough.

*Ranking: Minor.*

* Redundant to have the same “Textual information” on the “Home” page and the “About” page.

*Ranking: Minor.*

*4.1.26*

* Google map, no need to mention specific software

*Ranking: Minor.*

*4.1.27*

* “tab/window”, make decision one way or the other

*Ranking: Minor.*

*Contact Page*

*4.1.28*

* Tel doesn’t need +44 and (0)

*Ranking: Minor.*

* Need to separate the title from the email. As “Order:pizzaorder@pizzacomputing.com” is not a valid email.

*Ranking: Minor.*

* For address space out properly as an address i.e.

18 Malone Road

Belfast

Northern Ireland

BT9 6ER

*Ranking: Minor.*

*4.1.29*

* “Addressed accordingly” is ambiguous, addressee is not defined.

*Ranking: Critical.*

* User may not have an email client installed.

*Ranking: Minor.*

*Forgot Password Page*

*4.1.30*

* Two separate points that should be split at appropriate validation

*Ranking: Major.*

* The use of the word “appropriate” is ambiguous and cannot be tested as it is a subjective term.

*Ranking: Critical.*

* The use of the word “including” implies that there are more validation checks, exhaustive validation list is required.

*Ranking: Major.*

*Order Pizza Page*

*4.1.31*

* “Ordering” page is not consistent with the naming scheme in 4.1.9.

*Ranking: Critical.*

*4.1.32*

* Adding to shopping should be a separate individual requirement.

*Ranking: Major.*

*4.1.35*

* Need to clearly define what constitutes an item – can you order a pre-made pizza, and remove some toppings?

*Ranking: Major.*

*4.1.36*

* Point should be split into two separate requirements.

*Ranking: Major.*

* “Schedule collection page” previously referred to as just “Schedule”.

*Ranking: Minor.*

*Pricing Model and Descriptions*

* Pre-face to pricing model require

*Ranking: Minor.*

* The “Spicey But Nicey” mentions “green peppers” whereas the extra toppings refers to it as “peppers”. Needs to be clearer.

*Ranking: Major.*

* Statement (available for all pizzas except Cheesey Pleasey)” is confusing, needs more clearly stated

*Ranking: Major.*

*Schedule Page*

*4.1.37*

* Statement “for collection” needs removed, no need to state “for collection for immediate collection”

*Ranking: Major.*

* 45 minutes is not an appropriate timeframe for “immediate collection”

*Ranking: Minor.*

4.1.39

* What is the process for confirming the order? Clearly define this

*Ranking: Critical.*

* Order receipt page previously called receipt page, decide universal name
* *Ranking: Minor.*
* Need two separate points for the requirements.

*Ranking: Major.*

*Receipt Page*

*4.1.41*

* The use of the word “including” implies that there are more validation checks, exhaustive validation list is required.

*Ranking: Major.*

*Manage – Reset Password Page*

* Capital R P and P on the title

*Ranking: Minor.*

*4.1.42*

* Confirmation of the password, which password is it referring to? New or old?

*Ranking: Major.*

* Three separate statements, split off at the start of “An appropriate” and again at the start of “Appropriate validation”

*Ranking: Major.*

* What is appropriate? Both in the case of the message and the validation provide a definition

*Ranking: Critical.*

* 1. *Other Requirements*
     1. *Security*
* T in “The” needs aligned with title

*Ranking: Minor.*

* Ambiguous statement, define secure

*Ranking: Critical.*

* + 1. *Target devices*
* Ambiguous term functional, what defines functional?

*Ranking: Critical.*

*Target browser versions*

* This should be a separate point on it’s own

*Ranking: Major.*

* “…” not required, wasn’t used before when listing

*Ranking: Minor.*

* + 1. *Speed*
* Include the title and text on the same page, don’t split them

*Ranking: Minor.*

* Ambiguous statement, what is meant by “speedy manner”

*Ranking: Critical.*

* + 1. *Front End*
* Ambiguous term user-friendly, please define

*Ranking: Critical.*

* Should be split into two points, one about the usability and one about the maximum usage.

*Ranking: Major.*

* Expected number of users is a vague term, a specific figure is required.

*Ranking: Critical.*