**CNG KIT CYLINDER & PARTS MANGEMENT SYSTEM**

**OF**

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**COURSE INSTRUCTOR**

**INSTRUCTOR NAME: USMAN WAHEED**

**TOPIC**

**BLACKBOX TESTING**

**USMAN INSTITUTE OF TECNOLOGY**

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Select any single interface that contains more than 5 controls of at least three different controls and any two transactional interfaces and then develop their test cases using steps mentioned below

* Place correctly filled interface
* Mention list of 3 valid values of each control in a table

|  |  |  |  |
| --- | --- | --- | --- |
| Control name | Valid value 1 | Valid value 2 | Valid value 3 |
|  |  |  |  |
|  |  |  |  |

# Control Testing

* based on testcases prepared in earlier assignment, test each control on that interface and also support requirement associated with that control, and mention strategy to test control level testing in steps

### Textbox

### Contributors

Your Name , Your Email, Usman Institute of technology

**Purpose**

Textbox is a rectangular box which is placed on the interface for taking an input. It is the most common control found in almost any software programs. Textbox is usually used as enter data in it, On clicking the textbox the cursor flashes indicating the text or data can be entered now.

Text box is used to enter and retrieve data to backend database, or can contain in some case default values.

**Example**

*Note: you have to place image of the control*

**Category:**

**Test case (input Based)**

|  |  |  |  |
| --- | --- | --- | --- |
| Test case Name | Input | Output | Valid /Invalid |
|  |  |  |  |

*Note : should contain valid and invalid input/output, first mention the valid value ,then multiple invalid values.*

**Test cases (step based)**

**Guide lines**

**References**

*Go to* [*https://www.easybib.com/reference/guide/apa/website*](https://www.easybib.com/reference/guide/apa/website)

Add webpage url, and follow 4 step instruction then paste bibliography of APA notation, as mentioned below

[1] “Alternative Text.” Accessibility, accessibility.iu.edu/creating-content/web-content/alt-text.html.

# Interface Testing

* based on testcases prepared in earlier assignment, test each interface and also support requirement associated with that interface, and mention strategy to test each interface level testing in steps

### Contributors

Your Name, your email Address, Usman Institute of Technology.

**Purpose**

Textbox is a rectangular box which is placed on the interface for taking an input. It is the most common control found in almost any software programs. Textbox is usually used as enter data in it, On clicking the textbox the cursor flashes indicating the text or data can be entered now.

Text box is used to enter and retrieve data to backend database, or can contain in some case default values.

**Example**

*Note: you have to place image of the control*

**Category:**

**Test case (input Based)**

|  |  |  |  |
| --- | --- | --- | --- |
| Test case Name | Input | Output | Valid /Invalid |
|  |  |  |  |

*Note : should contain valid and invalid input/output, first mention the valid value ,then multiple invalid values.*

**Test cases (step based)**

**Guide lines**

**References**

*Go to* [*https://www.easybib.com/reference/guide/apa/website*](https://www.easybib.com/reference/guide/apa/website)

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# Application Testing

* based on testcases prepared in earlier assignment, test application Workflow and also support requirement associated with that workflow, and mention strategy to test application level testing in steps

### Validation Conditions

### Contributors

Your Name, your email Address, Usman Institute of Technology.

**Purpose**

The purpose of data validation is to detect and then verify any data values that may not represent actual air quality conditions at the sampling station. Effective data validation procedures usually are handled completely independently from the procedures of initial data collection. Moreover, it is advisable that the individuals responsible for data validation not be directly involved with data collection.

**Test case (input Based)**

**Test cases (step based)**

**Guide lines**

**References**

* describe how you will develop driver for single interface, transactional interface
* propose the tested interfaces for other than developed environment (GUI, Web, mobile) with filled data.