University of Engineering and Technology

***Document Management System***

***(UML)***

***Submitted By:***

**Names: Roll Numbers:**

Hasan Ahmed 2019-CS-145

Usman Ghani 2019-CS-121

Nimra Zahoor 2019-CS-112

Abdul Samad 2019-CS-132

Ifrah Ahmad 2019-CS-116

***Submitted To:***

Sir Usman Asghar

|  |
| --- |
| **Documents** |
| - docName[500][SIZE] : char |
| - docCat[500][SIZE] : char |
| - docTopic[500][SIZE] : char |
| - docTags[500][20][SIZE] : char |
| + Document() |
| + Document(char , char) |
| + addDoc(char) |
| + editDoc(char) |
| + deleteDoc() : void |
| + saveDoc() : void |
| + loadDoc() : void |
| + print() : void |

|  |
| --- |
| **Tags** |
| - name[500][SIZE] : char |
| - id[500][SIZE] : char |
| + Tags() |
| + Tags (char) |
| + addTag() : void |
| + editTag() : void |
| + deleteTag() : void |
| + saveTag() : void |
| + loadTag() : void |
| + getTag() : void |

|  |
| --- |
| **Category** |
| - name[500][SIZE] : char |
| - id[500][SIZE] : char |
| + Category() |
| + Category (char, char) |
| + addCategory() : void |
| + editCategory() : void |
| + deleteCategory() : void |
| + saveCategory() : void |
| + loadCategory() : void |
| + getCategory() : void |

**has a**

**has a**

**has a**

|  |
| --- |
| **Topic** |
| - name[500][SIZE] : char |
| - id[500][SIZE] : char |
| + Tags() |
| + Tags (char, char) |
| + addTopic() : void |
| + editTopic() : void |
| + deleteTopic() : void |
| + saveTopic() : void |
| + loadTopic() : void |
| + getTopic() : void |

***Class Category***

End

Start

User

Input

Accessing the functions

Checking Validity

Add/edit/delete/

Save/load

Invalid Input

***Class Topic***

End

Start

User

Input

Accessing the functions

Checking Validity

Add/edit/delete/

Save/load

Invalid Input

***Class Tags***

End

Start

User

Input

Accessing the functions

Checking Validity

Add/edit/delete/

Save/load

Invalid Input

***Class Documents***

End

Start

User

Input

Accessing the functions

Checking Validity

Add/edit/delete/

Save/load

Invalid Input