Interface Control Document
Week 5 Assignment

ABSTRACT

This document was created for UMUC Course, CMSC 495, and analyzes aspects of the (TNC)

Group 3 Members
Name: Christiano, Andrew
Name: Fernandez, Yrume
Name: Orwick, Brian
Name: Sell, Julia
Class: CMSC 495 - Current Trends and Projects in Computer Science
Professor: Dr. Hung Dao
Due: 21 September 2018

Version Control

Revision #	Date	Name	Descriptions	Contact Info
TNC_0001	9/21/2018	Brian Orwick	Created	Orwick12@outlook.com
TNC_0002	9/21/2018	Andrew Christiano	Revisions	ajchristiano91@gmail.com
TNC_0003	9/21/2018	Julia Sell	Revisions	selljm14@gmail.com
TNC_0003	9/22/2018	Yrume Fernandez	Revisions	Yrume.Fernandez@gmail.com

Interface Control Document

The ICD shows all data and their types passed through the classes (subsystems)

Main to Web

Name	Type	Value Range	Default Value
host	String	"0.0.0.0" to "255.255.255.255"	"0.0.0.0"
port	int	0-65535	5000

DB to Web
The string variables for URL and content may range from empty, to all, as indicated by the *.

Name	Type	Value Range	Default Value
url	String	"https://www.foxnews.com/* " or "https://www.usatoday.com/*" or "https://www.cnn.com/*" or "https://www.bbc.com/*" or "https://www.apnews.com/* "	" "
date	String	"MM/DD/YYYY"	" "
rating	int	1-10	5
content	String	" " to *	" "

Scraper to DB

Name	Type	Value Range	Default Value
url	string	"https://www.foxnews.com/* " or "https://www.usatoday.com/*" or "https://www.cnn.com/*" or "https://www.bbc.com/*" or "https://www.apnews.com/* "	" "
date	string	"MM/DD/YYYY"	" "
rating	int	1-10	5
content	string	" " to *	" "