|  |  |
| --- | --- |
| 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/\*,  https://www.usatoday.com/\*,  https://www.cnn.com/\*,  https://www.bbc.com/\*  https://www.apnews.com/\* | " " |
| date | String | "MM/DD/YYYY” | " " |
| rating | int | 1-10 | 5 |
| content | String | " " to \* | " " |
| other\_articles | list | [] | [] |

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