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| TEST PLAN AND ICD  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**

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| Revision # | Date | Name | Descriptions | Contact Info |
| TNC\_0001 | 9/21/2018 | Brian Orwick | Created | Orwick12@outlook.com |
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**Test Plan**

In accordance with the event-trace diagrams, we have created test plans that will ensure each test case corresponds with the event-trace diagram. All requirements, scenarios, and error handling is covered in our test plans.

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| **Test Case Number** | **Requirement Number** | **Test Description** | **Expected result** | **Actual result** | **Pass/Fail** |
| 1 | 123 | User opens website, allows to load. User clicks on news article and gets sent to it | DB is queried, scraper will scrape recent articles to place in DB. Ratings are assigned to all articles. Front end pulls articles from DB for user to view. |  |  |
| 2 | 123 | User opens website, then immediately closes window | DB is queried, scraper will scrape recent articles to place in DB. Ratings are assigned to all articles. |  |  |
| 3 | 123 | User opens website and allows time to load. Scraper will look for incorrect article | Site will not load articles for user, DB is queried, Scraper will return stack trace |  |  |

**Interface Control Document**

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

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| Scraper to DB | |  |  |
| **Name** | **Type** | **Value Range** | **Default Value** |
| url | string | " " | " " |
| date | string | " " | " " |
| rating | int | 1-10 | 5 |
| content | string | " " | " " |
|  |  |  |  |
| DB to Web | |  |  |
| **Name** | **Type** | **Value Range** | **Default Value** |
| url | string | " " | " " |
| date | string | " " | " " |
| rating | int | 1-10 | 5 |
| content | string | " " | " " |
|  |  |  |  |
| Web to Main | |  |  |
| **Name** | **Type** | **Value Range** | **Default Value** |
| Web | Object | " " | " " |
|  |  |  |  |
| Main to User | |  |  |
| **Name** | **Type** | **Value Range** | **Default Value** |
| index.html | template | " " | " " |