



TEST PLAN
Week 5 Assignment

ABSTRACT

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

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Version Control

Revision #	Date	Name	Descriptions	Contact Info
TNC TP 0001	9/21/2018	Brian Orwick	Created	Orwick12@outlook.com
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TNC TP 0003	9/21/2018	Julia Sell	Revisions	selljm14@gmail.com
TNC TP 0004	9/22/2018	Yrume Fernandez	Revisions	Yrume.Fernandez@gmail.com
TNC TP 0005	10/12/2018	Yrume Fernandez	Testing System	Yrume.fernandez@gmail.com

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 are covered.

Test Case Number	Requirement Number	Test Description	Expected result	Actual result	Pass/Fail
1	1,2,3,4,5,6,7	An administrator runs the TNC program to start the web application so that users can access the TNC website.	The TNC program is running, waiting for connections from users on port 5000, displaying all connections in the console window where TNC was started from.	System initiates, awaits user http requests	Pass
2	1,2,3,4,5,6,7	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.	Website retrieved and displayed	Pass
3	1,2,3,4,5,7	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.	Database continues to query / build page, ratings assigned	Pass
4	8	The administrator tests the TNC program by acting as a user, navigates to TNC website, and disables their internet connection while scraper is operating.	A message stating "This site can't be reached" is presented.	This site can't be reached is displayed	Pass
5	None (this test is to ensure the TNC site is not accessible when it should not be)	An administrator exits the TNC program.	The TNC finishes, and an exit code is presented. No users can now connect to the web application.	Site is unreachable	Pass