LAB 3 – R-IDE PROTOTYPE TEST PLAN

Gavin St. Clair

Old Dominion University

CS411W: Professional Workforce Development

Prof. Janet Brunelle

April 04, 2023

Version 1

Test Category:	Description:
Algorithms	Ensure all of the snippets function

Test Case:	Case Name: Snippets	Version: 1.0	Written By: Gavin St. Clair

Requirements Fulfilled:	Purpose:
3.1.2.2	Ensure that R-IDE correctly generates snippets into new files and generates user selected snippets from the snippets catalog.

Setup Conditions:
1. VSCode, Microsoft ROS, and R-IDE are installed and launched
2. The selected workspace folder contains a ROS package recognizable by R-IDE

	Test Case Activity	Pass/Fail	Comments	Expected Result
1	From the R-IDE Creation Wizard select create new and select Ros Msg. Type in desired name, select location, then click next.			There should be a new message file created with the given name and auto populated with the default ROS message snippet.
2	From the R-IDE Creation Wizard select create new and select Ros Srv. Type in the desired name, select location, then click next.			There should be a new service file created with the given name and auto populated with the default ROS service file snippet.
3	From the R-IDE Creation Wizard select create new and select Ros Node. Type in the desired name, select location, then click next.			There should be a new cpp file created with the given name and auto populated with the default cpp file snippet.
4	From the R-IDE Creation Wizard select create new and select Ros Node. Click the file type drop down and select python. Type in the desired name, select location, then click next.			There should be a new python file created with the given name and auto populated with the default python file snippet.
5	From the snippets catalog find the desired snippet for current file type. Type in the snippet name and select it from the drop down			The snippet should populate, and cursor location should be set in a logical place to begin development