

## Test Plan and Results

### Overall Test Plan

My approach to testing is the use the website from the perspective of various users and screen formats and test the appearance and functionality of the website from each of these user perspectives.

### Test Case Descriptions

#### SF1.1 **Screen Format Test**

SF1.2 The purpose of this test is to display the Website on various different screen formats and ensure the contents of the website are displayed properly on each.

SF1.3 Screen sizes and formats will vary to ensure the contents of the website are properly displayed.

SF1.4 Inputs: Full desktop view, half screen desktop view, iPhone view, iPad view.

SF1.5 Outputs: Contents of the website will adjust when screen size drops below a certain threshold.

SF1.6 Normal

SF1.7 Whitebox

SF1.8 Functional

SF1.9 Unit Test

#### NB1.1 **Navigation Bar Test**

NB1.2 The purpose of this test is to ensure the navigation bar works properly.

NB1.3 Each navigation bar element will be tested to ensure it is routing to the correct pages.

NB1.4 Inputs: Navigation bar items

NB1.5 Outputs: URL update, new page rendered.

NB1.6 Normal

NB1.7 Whitebox

NB1.8 Functional

NB1.9 Unit Test

#### HP1.1 **Home Page Test 1 (Hero)**

HP1.2 The purpose of this test is to ensure the hero element of the homepage works properly.

HP1.3 Every time the home page is loaded, the hero element should have animations to present the information.

HP1.4 Inputs: The home page is loaded

HP1.5 Outputs: Caption fades in from left, title and contact fade up, summary fades in from right, statistics count up.

HP1.6	Normal
HP1.7	Whitebox
HP1.8	Functional
HP1.9	Unit Test

HP2.1      **Home Page Test 2 (Timeline)**

HP2.2	The purpose of this test is to ensure the cadet timeline portion of the home page functions properly.
HP2.3	The timeline should have elements that fade in from the left or right (alternating) as their position enters the screen.
HP2.4	Inputs: Page position
HP2.5	Outputs: Elements fade in from left or right
HP2.6	Normal
HP2.7	Whitebox
HP2.8	Functional
HP2.9	Unit Test

HP3.1      **Home Page Test 3 (Branches Filters)**

HP3.2	The purpose of this test is to ensure the branch filters work properly.
HP3.3	The branches are filtered by branch type (combat arms, combat support, combat service support, special, and all)
HP3.4	Inputs: Filter button clicked.
HP3.5	Outputs: Only branches of the type specified are displayed.
HP3.6	Normal
HP3.7	Whitebox
HP3.8	Functional
HP3.9	Unit Test

HP4.1      **Home Page Test 4 (Branches Modal)**

HP4.2	The purpose of this test is to ensure the branches modal are displayed and function properly.
HP4.3	Branches populate the first 6 and display 3 more when load more is clicked. Hovering displays a see details button that opens a modal with more information.
HP4.4	Inputs: Page position, mouse position, buttons clicked.
HP4.5	Outputs: Cards display when the correct page position is reached, hovering displays a see details button, load more loads 3 more branches, see detail button opens larger modal.
HP4.6	Normal
HP4.7	Whitebox
HP4.8	Functional

HP4.9 Unit Test

**AP1.1 About Page Test 1 (What is ROTC?)**

AP1.2 The purpose of this test is to ensure the “What is ROTC?” portion of the page is displayed properly when the page opens.

AP1.3 There are 3 main containers: Title, mission, and becoming an officer.

AP1.4 Inputs: Page opened

AP1.5 Outputs: 3 containers are displayed with the title have the largest font and being bolded. The other two containers have a title that is bolded and a paragraph beneath them.

AP1.6 Normal

AP1.7 Whitebox

AP1.8 Functional

AP1.9 Unit Test

**AP2.1 About Page Test 2 (Cadre and Summer Opportunities)**

AP2.2 The purpose of this test is to ensure that the Cadre and Summer opportunities portions of the About page are displayed and function properly.

AP2.3 Both of these portions function the same way the branches modal does.

AP2.4 Inputs: Page position, mouse position, see details button.

AP2.5 Outputs: Display card when page is in right position, display see details when mouse hovers over card, see details button opens larger modal.

AP2.6 Normal

AP2.7 Whitebox

AP2.8 Functional

AP2.9 Unit Test

**AP3.1 About Page Test 3 (Ranger Challenge)**

AP3.2 The purpose of this page is to ensure that the ranger challenge portion of the about page functions properly.

AP3.3 Items fade in from right as page scrolls down. Elements have a Picture and description the the order of them (left and right) alternate.

AP3.4 Inputs: Page position

AP3.5 Outputs: Fade in from right, alternate card style

AP3.6 Normal

AP3.7 Whitebox

AP3.8 Functional

AP3.9 Unit Test

**BP1.1 Branches Page Test 1 (Filters)**

BP1.2	This test ensures that the branch filters of the branches page function properly.
BP1.3	branches are filtered by type: Combat arms, combat support, combat service support, and special.
BP1.4	Inputs: Button click
BP1.5	Outputs: Branches update and only display those of the specified type.
BP1.6	Normal
BP1.7	Whitebox
BP1.8	Functional
BP1.9	Unit Test
BP2.1	<b>Branches Page Test 2 (Load More)</b>
BP2.2	The purpose of this test is to ensure that the load more button functions properly.
BP2.3	Load more button displays 3 more branches when clicked and disappears when all branches are displayed.
BP2.4	Inputs:
BP2.5	Outputs:
BP2.6	Normal
BP2.7	Whitebox
BP2.8	Functional
BP2.9	Unit Test
BP3.1	<b>Branches Page Test 3 (Small Modal)</b>
BP3.2	The purpose of this test is to ensure that the small modal functions properly.
BP3.3	Modal should turn red and display a see details button.
BP3.4	Inputs: Mouse position
BP3.5	Outputs: Modal card turns red, see details button displayed.
BP3.6	Normal
BP3.7	Whitebox
BP3.8	Functional
BP3.9	Unit Test
BP4.1	<b>Branches Page Test 4 (See Details)</b>
BP4.2	The purpose of this test is to ensure that the see details button opens the larger modal card.
BP4.3	A larger card should open that displays an “x” in the top right corner, an image on the top, a title beneath the picture, a description, talent priorities, and a learn more button.
BP4.4	Inputs: Button Clicked
BP4.5	Outputs: Card opens and is formatted properly.

BP4.6        Normal  
 BP4.7        Whitebox  
 BP4.8        Functional  
 BP4.9        Unit Test

	Normal/ Abnormal	Blackbox/ Whitebox	Functional/ Performance	Unit/ Integration
SF1	Normal	White	Functional	Unit
NB1	Normal	White	Functional	Unit
HP1	Normal	White	Functional	Unit
HP2	Normal	White	Functional	Unit
HP3	Normal	White	Functional	Unit
HP4	Normal	White	Functional	Unit
AP1	Normal	White	Functional	Unit
AP2	Normal	White	Functional	Unit
AP3	Normal	White	Functional	Unit
BP1	Normal	White	Functional	Unit
BP2	Normal	White	Functional	Unit
BP3	Normal	White	Functional	Unit
BP4	Normal	White	Functional	Unit