HOMEPAGE TESTING

Test cases	Scenario	Test Steps	Test Data	Expected results	Actual Results	Pass/Fail
Test case 1:	checking if homepage layout remains consistent when the window is in full screen.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/ 2. Open window to full screen 3. manually drag window screen to decrease size until it stops.	Seeing how the homepage will look when the size of the window is changed. Checking the orientation in the order of: 1. Title and background 2. Indigenious card 3. African canadian card 4. european colonialist card 5. the war of 1812 section	Title and background is on top, followed by the 'view detail' cards in the sequential order of: Indigenous, african canadians, and european colonialists and the 'war of 1812' section is on the bottom.	As expected	Pass
Test case 2:	checking if homepage layout remains consistent when the window is in 75% screen.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/ 2. Open window to full screen 3. manually drag window screen to it reachs the width of 75% of screen.	Seeing how the homepage will look when the size of the window is changed. Checking the orientation in the order of: 1. Title and background 2. Indigenious card 3. African canadian card 4. european colonialist card 5. the war of 1812 section	Title and background is on top, followed by the 'view detail' cards in the order of: Indigenious, african canadians, and european colonialists and the 'war of 1812' section is on the bottom.	As expected	Pass
Test case 3:	checking if homepage layout remains consistent when the window is 50% screen.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/ 2. Open window to full screen 3. manually drag window screen to decrease size until it reaches 50% width of the screen	Seeing how the homepage will look when the size of the window is changed. Checking the orientation in the order of: 1. Title and background 2. Indigenious card 3. African canadian card 4. european colonialist card 5. the war of 1812 section	Title and background is on top, followed by the 'view detail' cards that are stacked on top of each other in the order of: Indigenious, african canadians, and european colonialists and the 'war of 1812' section is on the bottom.	As expected	Pass
Test case 4:	checking if homepage layout remains consistent when the window is 25% screen.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/ 2. Open window to full screen 3. manually drag window screen to decrease size until it stops.	Seeing how the homepage will look when the size of the window is: 100% of the screen 75% of the screen 50% of the screen 25% of the screen	homepage layout remains consistent throughout.	As expected	Pass
Test case 5:	Check homepage visit now buttons	1. Go to homepage: https://badger-timeline.infinityfreeapp.com/public_html/ 2.Use mouse to hover 'Visit now' button	Visit now button	The 'visit now' button should appear clickable NOTE: "Appear clickable" as in the cursor should change from an arrow to a hand once the elements are hovered over. **NOTE: we're not checking to if the buttons will direct you anywhere, we're just checking to see if there exists a button where we expect one.	As expected	Pass
Test case 6:	Check 'home' link on header	1. Go to homepage: https://badger-timeline.infinityfreeapp.com/public_html/ 2.Move mouse to header portion of website 3. hover over 'home' link	home' link	The 'home' button should appear clickable NOTE: "Appear clickable" as in the cursor should change from an arrow to a hand once the elements are hovered over. **NOTE: we're not checking to if the buttons will direct you anywhere, we're just checking to see if there exists a button where we expect one.	As expected	Pass

Test case 7:	Check 'log in' link on header	1. Go to homepage: https://badger-timeline.infinityfreeapp.com/public_html/	The 'log in' text in the header portion of the website	The 'Log in' button should appear clickable	As expected	Pass
		2.Move mouse to header portion of website		NOTE: "Appear clickable" as in the cursor should change from an arrow to a hand once the elements are hovered over.		
		3. hover over 'log in' link		**NOTE: we're not checking to if the buttons will direct you anywhere, we're just checking to see if there exists a button where we expect one.		

Test cases	Scenario	Test Steps	Test Data	Expected results	Actual Results	Pass/Fail
Test case 1:	checking if the Log in page layout remains consistent when the window is in full screen.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. Open window to full screen	Seeing how the homepage will look when the window is in fullscreen. Here we are visually inspecting the the orientation of the 'log in section' and the 'sign up' section.	The 'log in' and 'sign up' portion of the page is layed out in a sequential order, where the 'log in' portion is to the left of the 'sign up' portion	As expected	Pass
Test case 2:	checking if homepage layout remains consistent when the window is in 75% screen.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. Open window to full screen 3. manually drag window screen to it reachs the width of 75% of screen.	Seeing how the homepage will look when the window is in fullscreen. Here we are visually inspecting the the orientation of the 'log in section' and the 'sign up' section.	The 'log in' and 'sign up' portion of the page is layed out in a sequential order, where the 'log in' portion is to the left of the 'sign up' portion	As expected	Pass
Test case 3:	checking if homepage layout remains consistent when the window is 50% screen.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. Open window to full screen 3. manually drag window screen to decrease size until it reaches 50% width of the screen	Seeing how the homepage will look when the window is in fullscreen. Here we are visually inspecting if the layout/orientation of the 'log in' page will adjust accordingly when the window is resized to 50% width of the screen	The 'log in' and 'sign up' portion of the page will move to adjust the position of each portion, where the 'log in' section is stacked on top of the 'sign up' section	As expected	Pass
Test case 4:	checking if homepage layout remains consistent when the window is 25% screen.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. Open window to full screen 3. manually drag window screen to decrease size until it reaches 25% width of the screen	Seeing how the homepage will look when the window is in fullscreen. Here we are visually inspecting if the layout/orientation of the 'log in' page will adjust accordingly when the window is resized to 25% width of the screen	The 'log in' and 'sign up' portion of the page will move to adjust the position of each portion, where the 'log in' section is stacked on top of the 'sign up' section	As expected	Pass
Test case 5:	Check to see if the 'email' field in the log in section is an editable field.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2.Click on the email field 3. Input a string	1. Log in page 2. Log in section of Log in page 3. 'email' field 4. input string: "Leeebron James"	On the log in section, the 'email' field should be editable, and display the input string: "Leeebron James"	As expected	Pass

Test case 6:	Check to see if the 'username' field in the log in section is an editable field.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. Go to 'log in' section of page 2.Click on the log field 3. Input a string	1. Log in page 2. Log in section of Log in page 3. 'username' field 4. input string: "james"	On the log in section, the 'password' field should be editable, and display a hidden password of length 5	As expected	Pass
Test case 7:	Check to see if 'sign in' button on the log in page is clickable	1. Go to homepage: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2.Move mouse to log in section of the page 3. hover over 'sign in' field	Log in page Log in section sign in button	The 'Log in' button should appear clickable NOTE: "Appear clickable" as in the cursor should change from an arrow to a hand once the elements are hovered over. **NOTE: we're not checking to if the buttons will direct you anywhere, we're just checking to see if there exists a button where we expect one.	As expected	Pass
Test case 8:	Check to see if the 'username' field in the sign up section is an editable field.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. Go to 'sign up' section of page 2.Click on the username field 3. Input a string	1. Log in page 2. Sign up section of Log in page 3. 'username' field 4. input string: "Leeebron James"	On the sign up section, the 'username' field should be editable, and display the input string: "Leeebron James"	As expected	Pass
Test case 9:	Check to see if the 'email' field in the log in section is an editable field.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. Go to 'sign up' section of page 2.Click on the email field 3. Input a string	1. Log in page 2. Sign up section of Log in page 3. 'email' field 4. input string: "Leeebron James"	On the log in section, the 'email' field should be editable, and display the input string: "Leeebron James"	As expected	Pass
Test case 10:	Check to see if the 'password' field in the sign up section is an editable field.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. Go to 'sign up' section of page 3.Click on the sign up section 4. Input a string	1. Log in page 2. Sign up section of Log in page 3. 'password' field 4. input string: "james"	On the sign up section, the 'password' field should be editable, and display a hidden password of length 5	As expected	Pass
Test case 11:	Check to see if the 're-type password' field in the sign up section is an editable field.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. Go to 'sign up' section of page 2.Click on the re-type password field 3. Input a string	1. Log in page 2. Log in section of Log in page 3. 'username' field 4. input string: "james"	On the sign up section, the 're-type password' field should be editable, and display a hidden password of length 5	As expected	Pass

Test case 12:	Check input requirements for the sign up section when the a string is entered into the password field	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. Navigate to Sign Up section 3.Click on 'password' field 4. input a string	Log in page Sign Up section password input: "aa"	Here, the purpose of this test is to see how the system responds when a user enters an input into the password field The system should respond by giving the user a list of requirements needed for a password such as: alphanumeric characters only, has a special character, minimum length of 8 characters, minimum of 2 uppercase characters.	As expected	Pass
Test case 13:	Check input requirements for the sign up section when the re-type password field does not match the password field.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. Navigate to Sign Up section 3.Click on 'password' field 4. input a string 5. Click on 're-type password' field 6. input a string	Log in page Sign Up section username input: "goatjames" email input: "leebron@goat.com" password input: "michaelJordanWho?" re-type password input: "noreallywhomj?	Here, the purpose of this test is to see how the system responds when re-typed password field does not match the password field The system should respond by notifying the user that the two passwords do not match.	As expected	Pass
Test case 14:	Check input requirements for the sign up section when the re-type password field matches with the password field.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. Navigate to Sign Up section 3.Click on 'password' field 4. input a string 5. Click on 're-type password' field 6. input same string from password field	Log in page Sign Up section username input: "goatjames" email input: "leebron@goat.com" password input: "michaelJordanWho?" re-type password input: "michaelJordanWho?"	Here, the purpose of this test is to see how the system responds when re-typed password field matches with the password field The system should respond by notifying the user that the two passwords do match	As expected	Pass
Test case 15:	Check to see if 'sign up' button on the log in page is clickable	1. Go to homepage: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2.Move mouse to log in section of the page 3. hover over 'sign up' button	Log in page sign up section sign up button	The 'sign up' button should appear clickable NOTE: "Appear clickable" as in the cursor should change from an arrow to a hand once the elements are hovered over. **NOTE: we're not checking to if the buttons will direct you anywhere, we're just checking to see if there exists a button where we expect one.	As expected	Pass

TIMELINE PAGE TESTING

Test cases	Scenario	Test Steps	Test Data	Expected results	Actual Results	Pass/Fail

Test case 1:	checking if the timeline page layout remains consistent when the window is resized	1. Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Open window to full screen 3. Resize window to 75% of screen 4. Resize window to 50% of screen 5. Resize window to 25% of screen	Seeing how the timeline editing page will look when the window is resized in a decremental fashion. Here we are visually inspecting the orientation of the 'timeline edit' page and how it responds to different window sizing. Some elements to observe are: the settings bar that holds the filter, selection, and dark mode icons. The window small window containing the timeline stream.	The layout of the page should remain consistent across all window sizes.	As expected	Pass
Test case 2:	checking that are dates in column are all clickable and that an overlay will appear once clicked upon.	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Click on all available dates in the row	Here we are checking to see if an overlay will appear once a date has been clicked. The test data will consist of all available dates from the base timeline. Such as: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939	Once an timeline has been clicked, an overlay will appear.	As expected	Pass
Test case 2:	check hover feature on overlay/photocard	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Click on all available timeline points in the row 3. use mouse to hover over the overlay that appears when user clicks on a timeline point	Here we are checking to see if an overlay will appear once a date has been clicked. The test data will consist of all available dates from the base timeline. Such as: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939	Once an timeline has been clicked, an overlay will appear. When the user hovers their cursor over the overlay, the overlay will appear to 'flip'	As expected	Pass
Test case 3:	check more information feature on photocard/overlay is accessible.	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Click on all available timeline points in the row 3. use mouse to hover over the overlay that appears when user clicks on a timeline point 4. When card is flipped, use mouse to click on the label with three dots	Here we are checking to see if an overlay will appear once a date has been clicked. The test data will consist of all available dates from the base timeline. Such as: Use timeline point: <5000	Once a timeline point has been clicked, an overlay will appear. When the user hovers their cursor over the overlay, the overlay will appear to 'flip' Once the card has flipped, a corner section with three 3 dots will be visible.	As expected	Pass
Test case 4:	check text-to-speech feature on photocard/overlay is accessible.	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Click on all available timeline points in the row 3. use mouse to hover over the overlay that appears when user clicks on a timeline point 4. When card is flipped, use mouse to the speaker icon.	Here we are checking to see if a speaker icon will appear once a photocard overlay is flipped. The test data used includes: The timeline page:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline Timeline points: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939	Once a timeline point has been clicked, an overlay will appear. When the user hovers their cursor over the overlay, the overlay will appear to 'flip' Once the card has flipped, a speaker icon will be visible on the top-left corner of the photocard/overlay	As expected	Pass

Test case 5:	check chevron icons are clickable	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Use mouse to hover over left chevron 3. move mouse to hover over right chevron	Test data includes: Timeline page Left side chevron Right side chevron	Both chevrons should appear clickable.	As expected	Pass
Test case 6:	Check horizontal scrolling using mouse	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. hover mouse over the timeline window 3. Hold down the 'shift' key as you scroll down using the mouse wheel	Test data includes: Timeline page mouse	The timeline should scroll to the right smoothly.	As expected	Pass
Test case 7:	Check horizontal scrolling using trackpad	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. hover mouse over the timeline window 3. Swipe to the left on the trackpad	Test data includes: Timeline page trackpad	The timeline should scroll to the right smoothly.	As expected	Pass
Test case 8:	Check filter range feature	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. click on the funnel icon above the timeline window	Test data includes: Timeline page funnel icon	An overlay describing the 'filter range' should appear. The overlay should contain the following fields: from, to, close, and apply filter	As expected	Pass
Test case 9:	Check 'from' field in the filter range feature	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. click on the funnel icon above the timeline window 3. click on 'from' field on the overlay 4. input string "asdf" 5. input integer value "6"	Test data includes: Timeline page funnel icon from field string: "asdf" integer value "6"	When inputting the string value, the 'from' field should reject this string value. e.g) the 'from' field does not reflect the input given. When inputting the integer value, the 'from' field should reflect the change and display "6"	As expected	Pass
Test case 10:	Check 'to' field in the filter range feature	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. click on the funnel icon above the timeline window 3. click on 'to' field on the overlay 4. input string "asdf" 5. input integer value "6"	Test data includes: Timeline page funnel icon to field string: "asdf" integer value "6"	When inputting the string value, the 'from' field should reject this string value. e.g) the 'to' field does not reflect the input given. When inputting the integer value, the 'to' field should reflect the change and display "6"	As expected	Pass

Test case 11:	Check if the buttons for exit command on the filter range feature is clickable	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. click on the funnel icon above the timeline window 3. Use mouse to hover over 'close' 4. Use mouse to hover over 'x'	Test data includes: Timeline page funnel icon 'close' button 'x' button	The 'close' and 'x' button should both be clickable.	As expected	Pass
Test case 12:	Check if the 'apply filter' button on on the filter range feature is clickable	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. click on the funnel icon above the timeline window 3. Use mouse to hover over 'apply filter'	Test data includes: Timeline page funnel icon apply filter button	The 'apply filter' button should appear clickable. NOTE: this test case isnt to check if the button will apply changes to the timeline. It's just to see if the button is clickable.	As expected	Pass
Test case 13:	Check to see if the 'dark mode' icon is functional	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 3. Use mouse to hover over the moon icon 4. Click on the moon icon	Test data includes: Timeline page moon icon timeline	Once the 'dark mode' is applied, the whole timeline page should appear darker. Note: during this unit test, the timeline stream IS NOT visible.	As expected	Pass
Test case 14:	Check select category feature icon	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. use mouse to hover over the menu icon next to the funnel icon 3. click on the menu icon	Test data includes: Timeline page menu icon	An overlay regarding the 'select category' feature should appear. In this overlay, interactable elements should be present such as the category drop menu, close button, apply button, exit button.	As expected	Pass
Test case 15:	Check category drop-menu on the 'select category' overlay	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Click on the select category icon on the timeline page 3. Select the all category drop down menu	Test data includes: Timeline page Select category icon all category drop down menu	Once the 'all categories' menu is pressed, a drop down menu should appear with the choices: transportation, european settlers, fishing industry, indigenious history, and historical figures	As expected	Pass
Test case 16:	Check if the buttons for exit command on the 'select category' overlay is clickable	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. click on the menu icon above the timeline window 3. Use mouse to hover over 'close' 4. Use mouse to hover over 'x'	Test data includes: Timeline page menu icon 'close' button 'x' button	The 'close' and 'x' button should both be clickable.	As expected	Pass

Test case 17:	Check if the 'apply filter' button on on the 'select category' overlay is clickable	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. click on the menu icon above the timeline window 3. Use mouse to hover over 'apply' button	Test data includes: Timeline page menu icon apply button	Once the 'select categories' icon is clicked, an overlay should appear. After hovering cursor over 'apply button' should make the 'apply' button should appear clickable. NOTE: this test case isnt to check if the button will apply changes to the timeline. It's just to see if the button is clickable.	As expected	Pass
Test case 18:	Check if the 'apply filter' button on on the 'select category' overlay is clickable	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. click on the menu icon above the timeline window 3. Use mouse to hover over 'apply' button	Test data includes: Timeline page menu icon apply button	Once the 'select categories' icon is clicked, an overlay should appear. After hovering cursor over 'apply button' should make the 'apply' button should appear clickable. NOTE: this test case isnt to check if the button will apply changes to the timeline. It's just to see if the button is clickable.	As expected	Pass
Test case 19:	Check if the 'edit' button above the timeline page is visible and clickable.	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 3. Use mouse to hover over 'apply' button	Test data includes: Timeline page Edit button	The 'edit' button should appear clickable NOTE: "Appear clickable" as in the cursor should change from an arrow to a hand once the elements are hovered over. **NOTE: we're not checking to if the buttons will direct you anywhere, we're just checking to see if there exists a button where we expect one.	As expected	Pass
Test case 20:	Check that subtimeline is accessible	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Use mouse to hover over space between 1804-1812	Timeline page 1804 timeline point 1812 timeline point space between the two points on the line	The line between the two points should appear clickable, signifying that the timeline	As expected	Pass

EDIT CONTENT PAGE TESTING (THIS PAGE IS FOR ADMINS ONLY)						
Test cases	Scenario	Test Steps	Test Data	Expected results	Actual Results	Pass/Fail
Test case 1:	checking if the edit content page layout remains consistent when the window is resized	1. Go to edit content page using url: Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/content_edit (STATIC PAGE) 2. Open window to full screen 3. Resize window to 75% of screen 4. Resize window to 50% of screen 5. Resize window to 25% of screen	Seeing how the edit page will look when the window is resized in a decremental fashion. Here we are visually inspecting the orientation of the 'edit content' page and how it responds to different window sizing. Some important elements to observe include: Title bar, the list of years, the divider, and the empty space on the right of the divider.	The layout of the page should remain consistent across all window sizes.	As expected	Pass
Test case 2:	checking that are dates in column are all clickable and that an overlay will appear once clicked upon.	1. Go to edit content page using url: Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/content_edit (STATIC PAGE) 2. Click on all available dates in the row	Here we are checking to see if an overlay will appear once a date has been clicked. The test data will consist of all available dates from the base timeline. Such as: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939	Once an date has been clicked, an overlay will appear with options to edit such as, date, title, front image, back image, previouse images, information, more information, date marker, sub-event, event title, and select category.	As expected	Pass

Test case 3:	check to see if date field is an editable field on the 'edit content' overlay.	1. Go to edit content page using url: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/content_edit (STATIC PAGE) 2. Click on all available dates in the row 3. Click on date field 4. Input random string	Here we are checking to see if the date field is an editable field. The test data includes: All available dates: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 Date field input string "asdf"	The 'date' field is editable and will reflect the string "asdf"	As expected	Pass
Test case 4:	check to see if 'title' field is an editable field on the 'edit content' overlay.	1. Go to edit content page using url: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/content_edit (STATIC PAGE) 2. Click on all available dates in the row 3. Click on title field 4. Input random string	Here we are checking to see if the date field is an editable field. The test data includes: All available dates: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 Title Field input string "asdf"	The 'Title' field is editable and will reflect the string "asdf"	As expected	Pass
Test case 5:	check to see if 'front image ' button is clickable on the 'edit content' overlay	1. Go to edit content page using url: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/content_edit (STATIC PAGE) 2. Click on all available dates in the row 3. Go to front image section 4. Click on 'choose file' button	Here we are checking to see if 'front image' section will prompt the user to choose a file from their device. The test data includes: All available dates: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 'choose file button'	Clicking on the 'choose file' button will prompt the user to choose a file from their device.	As expected	Pass
Test case 5:	check to see if 'back image ' button is clickable on the 'edit content' overlay	1. Go to edit content page using url: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/content_edit (STATIC PAGE) 2. Click on all available dates in the row 3. Go to back image section 4. Click on 'choose file' button	Here we are checking to see if 'front image' section will prompt the user to choose a file from their device. The test data includes: All available dates: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 'choose file button'	Clicking on the 'choose file' button will prompt the user to choose a file from their device.	As expected	Pass
Test case 6:	check to see if 'information' field is an editable field on the 'edit content' overlay.	1. Go to edit content page using url: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/content_edit (STATIC PAGE) 2. Click on all available dates in the row 3. Click on information field 4. Input random string	Here we are checking to see if the date field is an editable field. The test data includes: All available dates: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 information field input string "asdf"	The 'Information' field is an editable field and will reflect the string "asdf"	As expected	Pass

Test case 7:	check to see if 'more information' field is an editable field on the 'edit content' overlay.	1. Go to edit content page using url: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/content_edit (STATIC PAGE) 2. Click on all available dates in the row 3. Click on more information field 4. Input random string	Here we are checking to see if the date field is an editable field. The test data includes: All available dates: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 more information field input string "asdf"	The 'more Information' field is an editable field and will reflect the string "asdf"	As expected	Pass
Test case 8:	check to see if 'date marker' field is an editable field on the 'edit content' overlay.	1. Go to edit content page using url: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/content_edit (STATIC PAGE) 2. Click on all available dates in the row 3. Click on more 'date marker' field 4. Input random string	Here we are checking to see if the date field is an editable field. The test data includes: All available dates: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 date marker field input string "asdf"	The 'date marker' field is an editable field and will reflect the string "asdf"	As expected	Pass
Test case 9:	check to see if 'sub event' field is an editable field on the 'edit content' overlay.	1. Go to edit content page using url: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/content_edit (STATIC PAGE) 2. Click on all available dates in the row 3. Click on more 'sub event' field 4. Input random integer	Here we are checking to see if the date field is an editable field. The test data includes: All available dates: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 date marker field input int "9"	The 'sub event' field is an editable field and will reflect the int value "9"	As expected	Pass
Test case 10:	check to see if 'event title' field is an editable field on the 'edit content' overlay.	1. Go to edit content page using url: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/content_edit (STATIC PAGE) 2. Click on all available dates in the row 3. Click on more 'event title' field 4. Input random string	Here we are checking to see if the date field is an editable field. The test data includes: All available dates: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 event title field input "korean war"	The 'event title' field is an editable field and will reflect the int value "korean war"	As expected	Pass
Test case 11:	check to see if 'select category' field is a drop down menu	1. Go to edit content page using url: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/content_edit (STATIC PAGE) 2. Click on all available dates in the row 3. Click on more 'select category' button 4. Select a random option	Here we are checking to see if the date field is an editable field. The test data includes: All available dates: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 Select category button Select 'War'	The 'Select category' button is a drop down menu, and will display the choices of transportation, european settlers, fishing industry, indigenous history, and historical figures. In this case, selecting 'war' will display 'war' on the menu selection bar.	As expected	Pass

PROFILE PAGE TESTING (THIS PAGE IS FOR MEMBERS ONLY)						
Test cases	Scenario	Test Steps	Test Data	Expected results	Actual Results	Pass/Fail

Test case 1:	checking if the edit content page layout remains consistent when the window is resized	1. Go to edit content page using url: Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/profile	Seeing how the edit page will look when the window is resized in a decremental fashion.	The layout of the page should remain consistent across all window sizes.	As expected	Pass
		2. Open window to full screen	Here we are visually inspecting the orientation of the 'profile' page and how it responds to different window sizing.			
		3. Resize window to 75% of screen				
		4. Resize window to 50% of screen	Some important elements to observe include: Profile section of page, Edit Profile Picture section, the ava			
		5. Resize window to 25% of screen				
Test case 2:	Check if the 'edit' button in the profile section is clickable	1. Go to profile page using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/profile	Test data includes: Profile page	After clicking the edit button on the profile section, the content of the profile section changes to display text fields.	As expected	Pass
		2. Use mouse to hover over 'edit' button	Edit button	Text Fields include: Username, email, and password.		
		4. click on edit button		Clickable fields include: update button, reset button, and cancel button.		
Test case 3:	Check if the 'Username' field is editable	1. Go to profile page using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/profile	Test data includes: Timeline page	On the profile section, the 'username' field should be editable, and display the input string: "Leeebron"	As expected	Pass
		2. Click on edit button	Edit button in the profile section			
		4. click on the field under "username"	Field under 'Username'			
		5. Input string "LeeeBron"				
Test case 4:	Check if the 'Email' field is editable	1. Go to profile page using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/profile	Test data includes: Profile Page Edit button in the profile section	On the profile section, the 'username' field should be editable, and display the input string: "Leeebron@gmail.com"	As expected	Pass
		2. Click on edit button	Field under 'Email'			
		4. click on the field under "email"	input string: "LeeeBron@gmail.com"			
		5. Type "LeeeBron@gmail.com"				
Test case 5:	Check to see if the 'password' field in the sign up section is an editable field.	1. Go to profile page using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/profile	"Test data includes: Profile Page Edit button in the profile section	On the sign up section, the 'password' field should be editable, and display a hidden password of length 5	As expected	Pass
		2. Click on edit button	Field under 'Password'			
		4. click on the field under "email"	Input String "james"			
		5. Type "james"				
Test case 6:	Check to see if 'update' button on the profile page is clickable	1. Go to homepage: https://badger-timeline.infinityfreeapp.com/public_html/views/user/profile	Profile page	The 'update' button should be clickable	As expected	Pass
		2.Click on edit button in the profile section of page	edit button	**NOTE: we're not checking to if the buttons will immediately perform and action anywhere, we're just checking to see if there exists a button where we expect one.		
		3. click on update	update button			

Test case 7:	Check to see if 'Reset' button on the profile page is clickable	1. Go to homepage: https://badger-timeline.infinityfreeapp.com/public_html/views/user/profile 2.Click on edit button in the profile section of page 3. click on Reset	Profile page edit button Reset button	The 'Reset' button should be clickable **NOTE: we're not checking to if the buttons will immediately perform and action anywhere, we're just checking to see if there exists a button where we expect one.	As expected	Pass
Test case 8:	Check to see if 'Cancel' button on the profile page is clickable	1. Go to homepage: https://badger-timeline.infinityfreeapp.com/public_html/views/user/profile 2.Click on edit button in the profile section of page 3. click on Cancel	Profile page edit button Reset button	The 'Cancel' button should be clickable **NOTE: we're not checking to if the buttons will immediately perform and action anywhere, we're just checking to see if there exists a button where we expect one.	As expected	Pass
Test case 9:	Check to see if 'Choose file' button will prompt the user.	1. Go to homepage: https://badger-timeline.infinityfreeapp.com/public_html/views/user/profile 2.Click on edit button in the profile section of page 3. Click on click on 'Choose File' button in the Edit profile picture section.	Profile page edit button Choose File button	The 'Choose File' button should prompt the user into selecting a file from their device.	As expected	Pass
Test case 10:	Check to see if 'Avatar' photo figures are a clickable element.	1. Go to homepage: https://badger-timeline.infinityfreeapp.com/public_html/views/user/profile 2.Click on edit button in the profile section of page 3. Move cursor over to Edit profile picture section of the page. 4. Hover over the 'Avatar' photo suggestions	Profile page edit button 'Avatar' photo suggestions	All three of the 'Avatar' photo suggestions should appear clickable. This action is hinted by the 'Avatar' icons enlarging once the cursor is hovered on top.	As expected	Pass
Test case 11:	Check to see if 'Save' button on the profile page is clickable	1. Go to homepage: https://badger-timeline.infinityfreeapp.com/public_html/views/user/profile 2.Click on edit button in the profile section of page 3. Move cursor over to Edit profile picture section of the page. 4. Click on the 'save' button	Profile page edit button Save button	The 'Save' button should be clickable **NOTE: we're not checking to if the buttons will immediately perform and action anywhere, we're just checking to see if there exists a button where we expect one.	As expected	Pass

COMPONENT TESTING ON CHROME, SAFARI, FIREFOX, AND EDGE(not incognito mode)

HOMEPAGE TESTING

Test cases	Scenario	Test Steps	Test Data	Expected results	Actual Results	Pass/Fail
Test case 1:	Check homepage visit now buttons	1. Go to homepage: https://badger-timeline.infinityfreeapp.com/public_html/ 2.Move mouse to hero section portion of the website 3. Click on 'visit now button'.	Homepage Visit now button	The 'visit now' button should lead the user directly to the timeline page.	As expected	Pass

| Test case 2: | Check 'home' link on header | 1. Go to homepage: https://badger-timeline.infinityfreeapp.com/public_html/

2.Move mouse to header portion of website

3. hover over 'home' link | Homepage

'home' link on the header | The 'home' link should lead the user directly back to the homepage | As expected | Pass |
| Test case 3: | Check 'log in' link on header | 1. Go to homepage: https://badger-timeline.infinityfreeapp.com/public_html/

2.Move mouse to header portion of website

3. hover over 'log in' link | The 'log in' text in the header portion of the website | The 'home' link should lead the user directly lead the user to the log in page | As expected | Pass |

LOG IN PAGE TESTING						
Test cases	Scenario	Test Steps	Test Data	Expected results	Actual Results	Pass/Fail
Test case 1:	Check input requirements for the email field of the login section.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. Go to login section 3. click sign in	1. Log in page 2. Log in section of Log in page 3. 'password' field 4. input string: "LeeebronJames"	Here, the purpose of this test is to see how the system responds when the email field and password field is left blank. The system should respond by telling the user that the email field is required.	As expected	Pass
Test case 2:	Check input requirements for the email field of the login section.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2.Click on the email field 3. Input a string not containing an '@'	1. Log in page 2. Log in section of Log in page 3. 'email' field 4. input string: "LeeebronJames"	Here, the purpose of this test is to see how the system responds when a string that does not contain an '@' symbol is used as an input on the email field. The system should tell you that an '@' symbol is required within the input string	As expected	Pass
Test case 3:	Check input requirements for the email field of the login section.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2.Click on the email field 3. Input a string containing '@' symbol and nothing else following	1. Log in page 2. Log in section of Log in page 3. 'email' field 4. input string: "KD@"	Here, the purpose of this test is to see how the system responds when a string with an'@' symbol and empty space after, is used as an input In this case, the system should tell you that the following input "KD@" is incomplete.	As expected	Pass
Test case 4:	Check input requirements for the password field of the login section. Using a satisfactory string, but empty password.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2.Click on the email field 3. Input a string that conforms to requirements. 4. leave the password field empty.	1. Log in page 2. Log in section of Log in page 3. 'email' field 4. input string: "LeeebronJames@goat.com"	Here, the purpose of this test is to see how the system responds when a satisfying string is used as an input on the email field, but the password field is left purposefully empty. The system should tell the user that the password field is required.	As expected	Pass
Test case 5:	Check input requirements for the sign up section by leaving all fields blank.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. Go to registration section 3. click sign up	1. Log in page 2. Navigate to Sign Up section 3. Sign Up button	Here, the purpose of this test is to see how the system responds when all fields are left blank during the sign up process. The system should respond by prevent the user from signing up by making the sign up button unclickable.	As expected	Pass

Test case 6:	Check input requirements for the sign up section by only entering an input for the 'Username' field and leaving all other fields empty	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. Navigate to Sign Up section 3.Click on 'username' field 4. input a string	Log in page Sign Up section username input: "goatjames" sign up button	Here, the purpose of this test is to see how the system responds when only the 'username' field has an input and all other fields are left blank during the sign up process. The system should respond by prevent the user from signing up by making the sign up button unclickable.	As expected	Pass
Test case 7:	Check input requirements for the sign up section by only entering an input for the 'Username' field, Email Field, and leaving all other fields empty	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. Navigate to Sign Up section 3.Click on 'username' field 4. input a string 5. Click on 'email field' 6. input a string	Log in page Sign Up section username input: "goatjames" email input: "leebron@goat.com" sign up button	Here, the purpose of this test is to see how the system responds when only the 'username' field and 'email' field is filled but all other fields are left blank during the sign up process. The system should respond by prevent the user from signing up by making the sign up button unclickable.	As expected	Pass
Test case 8:	Check input requirements for the sign up section by only entering an input for the 'Username' field, Email Field, 'password' field and leaving the re-type password field empty.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. Navigate to Sign Up section 3.Click on 'username' field 4. input a string 5. Click on 'email field' 6. input a string 7. click on password field 8. input a string that conforms to requirements	Log in page Sign Up section username input: "goatjames" email input: "leebron@goat.com" password input: "MichaelJordanWho?" sign up button	Here, the purpose of this test is to see how the system responds when the 'username' field and 'email' field is filled, the password field contains an appropriate password, but the re-type password field is left empty. The system should respond by prevent the user from signing up by making the sign up button unclickable.	As expected	Pass
Test case 9:	Check input requirements for the sign up section when the re-type password field does not match the password field.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. Navigate to Sign Up section 3.Click on 'username' field 4. input a string 5. Click on 'email field' 6. input a string 7. click on password field 8. input a string that conforms to requirements 9. click on re-type password field 10. input a string that does not match string in 'password' field	Log in page Sign Up section username input: "goatjames" email input: "leebron@goat.com" password input: "MichaelJordanWho?" re-type password input: "noreallywhomj? sign up button	Here, the purpose of this test is to see how the system responds when re-typed password field does not match the password field The system should respond by prevent the user from signing up by making the sign up button unclickable.	As expected	Pass

| Test case 10: | Check input requirements for the sign up section when all inputs on for all fields conform to requirements. | 1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account

2. Navigate to Sign Up section

3.Click on 'username' field

4. input a string

5. Click on 'email field'

6. input a string

7. click on password field

8. input a string that conforms to requirements

9. click on re-type password field

10. input a string that does not match string in 'password' field | Log in page

Sign Up section

username input: "goatjames"

email input: "leebron@goat.com"

password input: "MichaelJordanWho?"

re-type password input: "MichaelJordanWho?"

sign up button | Here, the purpose of this test is to see how the system responds when a user follows the requirements on the 'Sign up' feature.

The system should respond by positively by making the sign up button clickable. | As expected | Pass |

Test cases	Scenario	Test Steps	Test Data	Expected results	Actual Results	Pass/Fail
Test case 1:	Check alternating position of timeline photocards	1. Go to homepage:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Go to the timeline section 3. Click on points all points on the timeline	Timeline page <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939	The photocards should oriented in a sequence of down, up, down, up, down, up...	As expected	Pass
Test case 2:	Check chevrons	1. Go to homepage:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Go to the timeline section 3. Click on the right chevron 4. Click on the left chevron	Timeline page Right chevron Left Chevron	The timeline should first shift right by an incremental amount after clicking the right chevron, then shift left after clicking the left chevron.	As expected	Pass
Test case 3:	Check dark mode feature	1. Go to homepage:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Go to the timeline section 3. click on moon icon	Timeline page moon/dark mode icon	Once the icon is clicked on, the timeline page appears darker, and the timeline stream is still visible and accessible.	As expected	Pass

Test case 4:	Check filter range feature	1. Go to homepage:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline	· Timeline page	Here, the purpose of this test is to see how the system responds given an input range to filter from.	As expected	Pass
		2. Go to the timeline section	funnel/filter range icon	In this case, the timeline will hide all other points on the timeline except for the points that lie between 1804 to 1812 inclusively.		
		3. click on funnel icon	'from' input value: "1804"			
		4. input an int value into 'from' field	'to' input value: 1812			
		5. input an int value int 'to' field	apply features button			
		6. click apply features				

Test case 5:	Check Select Category feature	1. Go to homepage:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline	· Timeline page	Here, the purpose of this test is to see how the system responds given an category to filter event.	As expected	Pass
		2. Go to the timeline section	Menu/Select Category icon	In this case, the timeline will hide all other points on the timeline except for the points that are relevant to war events, such as 1791, 1812, 1815, and 1916.		
		3. Click on the Menu icon on the far right of the timeline	Select option: War History			
		4. Select a category	Apply button			
		5. Click apply				

Test case 6:	Check photocard feature	1. Go to homepage:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline	· Timeline page	A photocard should appear once a timeline point is clicked, and a photo should be visible.	As expected	Pass
		2. Go to the timeline section	<5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939			
		3. Click on a point on the timeline				

Test case 7:	Check hover feature	1. Go to homepage:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline	· Timeline page	Once the the cursor is hovered on top of the photocard, the card should appear to flip and text information is revealed to the user.	As expected	Pass
		2. Go to the timeline section	Timeline points: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939			
		3. Click on a point on the timeline				
		4. hover over photocard using mouse				

Test case 8:	Check Text-to-Speech feature	1. Go to homepage:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Go to the timeline section 3. Click on a point on the timeline 4. hover over card 5. click on the speaker icon	Timeline page Timeline points: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 speaker icon	Once the photocard is flipped, there will be an option for text-to-speech. When the text-to-speech icon is pressed, the text is then read aloud to the user.	As expected	Pass
Test case 9:	Check more information feature	1. Go to homepage:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Go to the timeline section 3. Click on a point on the timeline 4. hover over card 5. click on the more information icon	Timeline page Timeline points: <5000 more information icon appears to be with three dots.	Once the photocard is flipped, there will be an option for more information highlighted by a icon with three dots. Once the icon is pressed, an extensive amount of text information will appear on the bottom.	As expected	Pass
Test case 10:	Check Text-to-Speech feature on more information	1. Go to timeline page:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Go to the timeline section 3. Click on a point on the timeline 4. hover over card 5. click on the ; more information icon 6. click on the text-to-speak button	Timeline page Timeline points: <5000, 1839, 1870, 1888, 1906, more information icon appears to be with three dots. Speak button	When more information is revealed on the bottom of the timeline, there is an additional option for text-to-speech which reads aloud the more-information text to the user.	As expected	Pass
Test case 11	Check sub-timeline feature	1. Go to timeline page:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Go to space between 1804 - 1812 3. Click on line between the two points	Timeline page Line between timeline points: 1804 - 1812	A subtime line overlay is revealed to the user, which contains a multitude of photos for the user to look over.	As expected	Pass
Test case 12:	Check Edit content feature.	1. Go to timeline page:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Click on 'Edit' button	Timeline page Edit button	The system will direct the user to the 'edit content' page where the user is able to the content of the timeline.	As expected	Pass

Test cases	Scenario	Test Steps	Test Data	Expected results	Actual Results	Pass/Fail
Test case 1:	Check edit overlay	1. Go to edit content page: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/content_edit (STATIC PAGE) 2. Select a timeline date	edit content page Timeline dates: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939	The title in the overlay should reflect the time period chosen.	As expected	Pass

| Test case 2: | Check add timeline date feature | 1. Go to edit content page: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/content_edit (STATIC PAGE)

2. Click 'add event' button | edit content page

add event button | An overlay will appear prompting the user to fill in information about new event. Once the information is filled in, the edit content page will reflect the change.

NOTE: the timeline itself won't reflect the change, as the data base isn't integrated yet. | As expected | Pass |
| Test case 3: | Check submit changes features | 1. Go to edit content page: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/content_edit (STATIC PAGE)

2. Select a time period

3. fill overlay with random information

4. click submit | edit content page

Time periods: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939

change information: "asdasdasdsadas"

submit button | Once the necessary information is submitted, the overlay will close.

NOTE: the timeline itself won't reflect the change, as the data base isn't integrated yet. | As expected | Pass |

PROFILE PAGE TESTING (FOR MEMBERS ONLY)

Test cases	Scenario	Test Steps	Test Data	Expected results	Actual Results	Pass/Fail
Test case 1	Check reset feature	1. Go to profiile page:https://badger-timeline.infinityfreeapp.com/public_html/views/user/profile 2. naivgate to profile section of page 3. Click on edit icon 4. Fill information on Username, Email, and password field 5. Click reset	Profile page edit icon Username information: "asdf" Email information: "leebron@nbagoat.com password: "MichaelWho?" reset button	Once the reset button is pressed, the information on the 'username', 'email', and 'password' field is erased.		
Test case 2	Check cancel feature	1. Go to profiile page:https://badger-timeline.infinityfreeapp.com/public_html/views/user/profile 2. naivgate to profile section of page 3. Click on edit icon 4. Click cancel	Profile page edit button cancel button	Clicking the cancel button will undo all actions and bring the user back to the profile page.		
Test case 3	Check update feature	1. Go to profiile page:https://badger-timeline.infinityfreeapp.com/public_html/views/user/profile 2. naivgate to profile section of page 3. Click on edit icon 4. Fill information on Username, Email, and password field 5. Click cancel	Profile page edit icon Username information: "asdf" Email information: "leebron@nbagoat.com password: "MichaelWho?" update button	Clicking the update button will bring the user back to the profile page and their new credentials is displayed. NOTE: these changes are not reflected on the database, as the database is not integrated for component testing.		
Test case 4	Check save profile picture feature	1. Go to profiile page:https://badger-timeline.infinityfreeapp.com/public_html/views/user/profile 2. naivgate to 'edit profile picture' section of page 3. Select an avatar photo icon 4. Click 'save' button	Profile page An avatar icon 'save' button	Selecting an icon will change the profile picture of the user to the selected icon, and clicking 'save' will save the avatar as the user's profile picture. NOTE: these changes are not reflected on the database, as the database is not integrated for component testing.		

HOMEPAGE TESTING

Test cases	Scenario	Test Steps	Test Data	Expected results	Actual Results	Pass/Fail
Test case 1	Check homepage when user is not logged in	1. Go to homepage: https://badger-timeline.infinityfreeapp.com/public_html/ 2. naivgate to header section	Homepage	If the user is not logged into an account, the homepage should reflect that fact and give the user the option of logging in.	As expected	Pass
Test case 2	Check homepage when user is logged in	1. Go to homepage: https://badger-timeline.infinityfreeapp.com/public_html/ 2. naivgate to header section	Homepage	If the user is logged into an account, the homepage should reflect that fact. A 'user' icon will replace the log in link.	As expected	Pass

LOG IN PAGE TESTING

Test cases	Scenario	Test Steps	Test Data	Expected results	Actual Results	Pass/Fail
Test case 1	Check sign up feature	1. Go to log in page: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. enter valid inputs 3. click sign up button	Log in page Valid inputs for username, email, and password fields	The system will give a successful message notification to the user: "Registration successful! You can now log in."	As expected	Pass
Test case 2	Check sign up feature using pre-existing email in the database	1. Go to log in page: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. enter an already pre-existing email address in the database 3. enter rest of fields with valid inputs	Log in page A pre-existing email on the database Valid inputs for username, password fields.	The system will give a unsuccessful message notification to the user: "Registration failed. Please try again."	As expected	Pass
Test case 3	Check log in feature using valid inputs	1. Go to log in page: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. enter valid inputs on the log in fields	Log in page Valid inputs for email, and password fields Click 'sign in' button	User is successfully logged in and is redirected back to the homepage	As expected	Pass
Test case 4	Check log in feature using invalid email	1. Go to log in page: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. enter invalid email on the email field 3. enter valid password	Log in page invalid email: "mjnotthegoatfr@fraud.com" valid password: "lebronDaGoat23!"	System should display an error message "Invalid username"	As expected	Pass
Test case 5	Check log in feature using invalid password	1. Go to log in page: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. enter valid email on the email field 3. enter invalid password	Log in page valid email: "dakidfromakron23@gmail.com" invalid password: "mjDaGoat23!"	System should display an error message "Invalid username or password"	As expected	Pass

Test case 6	Check reset password feature	1. Go to log in page: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account	Log in page	If the user's email address is in the database, a link will be sent to the email address where the user can reset their password from there.	As expected	Pass
			'verify email and reset your password' link			
		2. Click on 'verify email and reset your password' link	valid email: "dakidfromakron23@gmail.com"			
		3. enter email address used in sign up	new valid password			
		4. go to email, and click link sent, and change password				

Test cases	Scenario	Test Steps	Test Data	Expected results	Actual Results	Pass/Fail
Test case 1	Check all timeline points	1. Go to log in page: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline	Timeline page	each timeline point reflects its own respective data from the data base.	As expected	Pass
		2. Click all points on the timeline	Timeline points: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939			
		3. verify photo and information is loaded from the database				
Test case 2:	Check Select Category feature	1. Go to homepage:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline	Timeline page	Here, the purpose of this test is to see how the system responds given an category to filter event.	As expected	Pass
		2. Go to the timeline section	Menu/Select Category icon	In this case, the timeline will retreive the necessary data from the database and hide all other points on the timeline that are not relevant to the category.		
		3. Click on the Menu icon on the far right of the timeline	Select option: War History			
		4. Select a category	Apply button	In this case, the points that are relevant to war events will be displayed, such as: 1791, 1812, 1815, and 1916.		
		5. Click apply				
Test case 3	Check user access for timeline page	1. Using a admin account, go to log in page: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline	Timeline page	The view and edit button are not visible, when accessing the timeline using a regular account or no account.	As expected	Pass
		2. verify that the 'view and edit button is not visible	Timeline points: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939	This is because regular users and member do not have the privilege of editing the content on the timeline.		
Test case 3	Check admin access for timeline page	1. Using a admin account, go to log in page: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline	Timeline page	The view and edit button are visible, when accessing the timeline using a admin account.	As expected	Pass
		2. verify that the 'view and edit button is visible	Timeline points: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939	This is because only admins have the privilege of editing the content on the timeline.		

Test cases	Scenario	Test Steps	Test Data	Expected results	Actual Results	Pass/Fail

Test case 1	Check all timeline points	1. Using an admin account, go to edit content page: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/edit_content 2. Click all points on the timeline 3. verify information is retrieved from the database.	Edit content page Timeline events: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 date, title, front image, back image, previouse images, information, more information, date marker, sub-event, event title, and select category.	For a given time event, the correct data is retrieved from the database. The data of interest to observe are: date, title, front image, back image, previouse images, information, more information, date marker, sub-event, event title, and select category.	As expected	Pass
Test case 2	Check date edit feature	1. Using an admin account, go to edit content page: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/edit_content 2. Click on a time event from list 3. click on date field 4. input new date 5. Click save button	Edit content page Timeline events: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 four digit year such as: "1899" save button	The change is reflected onto the timeline.	As expected	Pass
Test case 3	Check title edit feature	1. Using an admin account, go to edit content page: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/edit_content 2. Click on a time event from list 3. click on Title field 4. input new string 5. Click save button	Edit content page Timeline events: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 Any string such as: "shovel from the northern war"	The change is reflected onto the timeline.	As expected	Pass
Test case 4	Check front image edit feature	1. Using an admin account, go to edit content page: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/edit_content 2. Click on a time event from list 3. navigate to front image section 4. Click choose file 5. upload from device 6. click 'save'	Edit content page Timeline events: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 an image chosen from device	The change is reflected onto the timeline.	As expected	Pass
Test case 5	Check back-image edit feature	1.Using an admin account, go to edit content page: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/edit_content 2. Click on a time event from list 3. navigate to back image section 4. Click choose file 5. upload from device 6. click 'save'	Edit content page Timeline events: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 an image chosen from device	The change is reflected onto the timeline.	As expected	Pass

Test case 6	Check previous images field	1. Using an admin account, go to edit content page: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/edit_content	Edit content page	On the edit overlay, the user is able to view previous images that once occupied that photocard of that specific time event.	As expected	Pass
		2. Click on a time event from list	Timeline events: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939			
		3. View previous images of that specific time event from list				
Test case 7	Check edit information feature	1. Using an admin account, go to edit content page: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/edit_content	Edit content page	The change is reflected onto the timeline.	As expected	Pass
		2. Click on a time event from list	Timeline events: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939			
		3. click on information field				
		4. input new string	Any string such as: "In the midst of Vimy Ridge, the troops from Canada....."			
		5. Click save button				
Test case 8	Check edit more information feature	1. Using an admin account, go to edit content page: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/edit_content	Edit content page	The change is reflected onto the timeline. the 'more information' feature is now available for the photocard if it wasn't before.	As expected	Pass
		2. Click on a time event from list	Timeline events: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939			
		3. click on more information field				
		4. input new string	Any string such as: "In the midst of D-day, the Canadian troops occupied....."			
		5. Click save button				
Test case 9	Check edit date marker feature	1. Using an admin account, go to edit content page: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/edit_content	Edit content page	The change is reflected onto the timeline.	As expected	Pass
		2. Click on a time event from list	Timeline events: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939			
		3. click on date marker field				
		4. input new date				
		5. Click save button				
Test case 10	Check edit/add subevent feature	1. Using an admin account, go to edit content page: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/edit_content	Edit content page	The change is reflected onto the timeline. The sub-timeline is now added for the specific time event chosen.	As expected	Pass
		2. Click on a time event from list	Timeline events: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939			
		3. navigate to subevent field				
		4. change input field of 0	subevent input field			
		5. add photos	photos from device			
		6. Click save button				

| Test case 11 | Check edit event title feature | 1. Using an admin account, go to edit content page: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/edit_content

2. Click on a time event from list

3. click on event title field

4. input new string

5. Click save button | Edit content page

Timeline events: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939

new string such as "Indigenious traditional....." | The change is reflected onto the timeline. | As expected | Pass |
| Test case 12 | Check select category feature | 1. Using an admin account, go to edit content page: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/edit_content

2. Click on a time event from list

3. click on Select category drop menu

4. Select a category to associate time event to

5. Click save button | Edit content page

Timeline events: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939

Possible categories include: Indigenious history, european settler, war histroy, transportation history, fishing history, historical figures. | The change is reflected onto the timeline. The time event is now associated with the category chosen and will display when the user filters for that specific category. | As expected | Pass |

PROFILE PAGE TESTING (FOR MEMBERS ONLY)						
Test cases	Scenario	Test Steps	Test Data	Expected results	Actual Results	Pass/Fail
Test case 1	update username	1. Using a registered account, go to profile page: https://badger-timeline.infinityfreeapp.com/public_html/views/user/profile 2. Click the edit button 3. Change username to a new string 4. Click the update button	Profile page String for new username such as: "goatjames"	The change in account information is reflected, and the user is direct back to the profile change to view the changed credentials		
Test case 2	update email	1. Using a registered account, go to profile page: https://badger-timeline.infinityfreeapp.com/public_html/views/user/profile 2. Click the edit button 3. Change email to a new valid email address 4. Click the update button	Profile page String for new email such as: "lebronjames@nbagoat.com"	The change in account information is reflected, and the user is direct back to the profile change to view the changed credentials		

UNIT TESTING ON CHROME, SAFARI, FIREFOX, AND MICROSOFT EDGE(incognito mode)						

HOMEPAGE TESTING						
Test cases	Scenario	Test Steps	Test Data	Expected results	Actual Results	Pass/Fail
Test case 1:	checking if homepage layout remains consistent when the window is in full screen.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/ 2. Open window to full screen 3. manually drag window screen to decrease size until it stops.	Seeing how the homepage will look when the size of the window is changed. Checking the orientation in the order of: 1. Title and background 2. Indigenous card 3. African canadian card 4. european colonialist card 5. the war of 1812 section	Title and background is on top, followed by the 'view detail' cards in the sequential order of: Indigenious, african canadians, and european colonialists and the 'war of 1812' section is on the bottom.	As expected	Pass

Test case 2:	checking if homepage layout remains consistent when the window is in 75% screen.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/ 2. Open window to full screen 3. manually drag window screen to it reachs the width of 75% of screen.	Seeing how the homepage will look when the size of the window is changed. Checking the orientation in the order of: 1. Title and background 2. Indigenious card 3. African canadian card 4. european colonialist card 5. the war of 1812 section	Title and background is on top, followed by the 'view detail' cards in the order of: Indigenious, african canadians, and european colonialists and the 'war of 1812' section is on the bottom.	As expected	Pass
Test case 3:	checking if homepage layout remains consistent when the window is 50% screen.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/ 2. Open window to full screen 3. manually drag window screen to decrease size until it reaches 50% width of the screen	Seeing how the homepage will look when the size of the window is changed. Checking the orientation in the order of: 1. Title and background 2. Indigenious card 3. African canadian card 4. european colonialist card 5. the war of 1812 section	Title and background is on top, followed by the 'view detail' cards that are stacked on top of each other in the order of: Indigenious, african canadians, and european colonialists and the 'war of 1812' section is on the bottom.	As expected	Pass
Test case 4:	checking if homepage layout remains consistent when the window is 25% screen.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/ 2. Open window to full screen 3. manually drag window screen to decrease size until it stops.	Seeing how the homepage will look when the size of the window is: 100% of the screen 75% of the screen 50% of the screen 25% of the screen	homepage layout remains consistent throughout.	As expected	Pass
Test case 5:	Check homepage visit now buttons	1. Go to homepage: https://badger-timeline.infinityfreeapp.com/public_html/ 2.Use mouse to hover 'Visit now' button	Visit now button	The 'visit now' button should appear clickable NOTE: "Appear clickable" as in the cursor should change from an arrow to a hand once the elements are hovered over. **NOTE: we're not checking to if the buttons will direct you anywhere, we're just checking to see if there exists a button where we expect one.	As expected	Pass
Test case 6:	Check 'home' link on header	1. Go to homepage: https://badger-timeline.infinityfreeapp.com/public_html/ 2.Move mouse to header portion of website 3. hover over 'home' link	home' link	The 'home' button should appear clickable NOTE: "Appear clickable" as in the cursor should change from an arrow to a hand once the elements are hovered over. **NOTE: we're not checking to if the buttons will direct you anywhere, we're just checking to see if there exists a button where we expect one.	As expected	Pass
Test case 7:	Check 'log in' link on header	1. Go to homepage: https://badger-timeline.infinityfreeapp.com/public_html/ 2.Move mouse to header portion of website 3. hover over 'log in' link	The 'log in' text in the header portion of the website	The 'Log in' button should appear clickable NOTE: "Appear clickable" as in the cursor should change from an arrow to a hand once the elements are hovered over. **NOTE: we're not checking to if the buttons will direct you anywhere, we're just checking to see if there exists a button where we expect one.	As expected	Pass

LOG IN PAGE TESTING

Test cases	Scenario	Test Steps	Test Data	Expected results	Actual Results	Pass/Fail

Test case 1:	checking if the Log in page layout remains consistent when the window is in full screen.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. Open window to full screen	Seeing how the homepage will look when the window is in fullscreen. Here we are visually inspecting the the orientation of the 'log in section' and the 'sign up' section.	The 'log in' and 'sign up' portion of the page is layed out in a sequential order, where the 'log in' portion is to the left of the 'sign up' portion	As expected	Pass
Test case 2:	checking if homepage layout remains consistent when the window is in 75% screen.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. Open window to full screen 3. manually drag window screen to it reachs the width of 75% of screen.	Seeing how the homepage will look when the window is in fullscreen. Here we are visually inspecting the the orientation of the 'log in section' and the 'sign up' section.	The 'log in' and 'sign up' portion of the page is layed out in a sequential order, where the 'log in' portion is to the left of the 'sign up' portion	As expected	Pass
Test case 3:	checking if homepage layout remains consistent when the window is 50% screen.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. Open window to full screen 3. manually drag window screen to decrease size until it reaches 50% width of the screen	Seeing how the homepage will look when the window is in fullscreen. Here we are visually inspecting if the layout/orientation of the 'log in' page will adjust accordingly when the window is resized to 50% width of the screen	The 'log in' and 'sign up' portion of the page will move to adjust the position of each portion, where the 'log in' section is stacked on top of the 'sign up' section	As expected	Pass
Test case 4:	checking if homepage layout remains consistent when the window is 25% screen.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. Open window to full screen 3. manually drag window screen to decrease size until it reaches 25% width of the screen	Seeing how the homepage will look when the window is in fullscreen. Here we are visually inspecting if the layout/orientation of the 'log in' page will adjust accordingly when the window is resized to 25% width of the screen	The 'log in' and 'sign up' portion of the page will move to adjust the position of each portion, where the 'log in' section is stacked on top of the 'sign up' section	As expected	Pass
Test case 5:	Check to see if the 'email' field in the log in section is an editable field.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2.Click on the email field 3. Input a string	1. Log in page 2. Log in section of Log in page 3. 'email' field 4. input string: "Leeebron James"	On the log in section, the 'email' field should be editable, and display the input string: "Leeebron James"	As expected	Pass
Test case 6:	Check to see if the 'username' field in the log in section is an editable field.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. Go to 'log in' section of page 2.Click on the log field 3. Input a string	1. Log in page 2. Log in section of Log in page 3. 'username' field 4. input string: "james"	On the log in section, the 'password' field should be editable, and display a hidden password of length 5	As expected	Pass

Test case 7:	Check to see if 'sign in' button on the log in page is clickable	1. Go to homepage: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2.Move mouse to log in section of the page 3. hover over 'sign in' field	Log in page Log in section sign in button	The 'Log in' button should appear clickable NOTE: "Appear clickable" as in the cursor should change from an arrow to a hand once the elements are hovered over. **NOTE: we're not checking to if the buttons will direct you anywhere, we're just checking to see if there exists a button where we expect one.	As expected	Pass
Test case 8:	Check to see if the 'username' field in the sign up section is an editable field.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. Go to 'sign up' section of page 2.Click on the username field 3. Input a string	1. Log in page 2. Sign up section of Log in page 3. 'username' field 4. input string: "Leeebron James"	On the sign up section, the 'username' field should be editable, and display the input string: "Leeebron James"	As expected	Pass
Test case 9:	Check to see if the 'email' field in the log in section is an editable field.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. Go to 'sign up' section of page 2.Click on the email field 3. Input a string	1. Log in page 2. Sign up section of Log in page 3. 'email' field 4. input string: "Leeebron James"	On the log in section, the 'email' field should be editable, and display the input string: "Leeebron James"	As expected	Pass
Test case 10:	Check to see if the 'password' field in the sign up section is an editable field.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. Go to 'sign up' section of page 3.Click on the sign up section 4. Input a string	1. Log in page 2. Sign up section of Log in page 3. 'password' field 4. input string: "james"	On the sign up section, the 'password' field should be editable, and display a hidden password of length 5	As expected	Pass
Test case 11:	Check to see if the 're-type password' field in the sign up section is an editable field.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. Go to 'sign up' section of page 2.Click on the re-type password field 3. Input a string	1. Log in page 2. Log in section of Log in page 3. 'username' field 4. input string: "james"	On the sign up section, the 're-type password' field should be editable, and display a hidden password of length 5	As expected	Pass
					As expected	Pass
					As expected	Pass
					As expected	Pass
Test case 12:	Check to see if 'sign up' button on the log in page is clickable	1. Go to homepage: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2.Move mouse to log in section of the page 3. hover over 'sign up' button	Log in page sign up section sign up button	The 'sign up' button should appear clickable NOTE: "Appear clickable" as in the cursor should change from an arrow to a hand once the elements are hovered over. **NOTE: we're not checking to if the buttons will direct you anywhere, we're just checking to see if there exists a button where we expect one.	As expected	Pass

Test cases	Scenario	Test Steps	Test Data	Expected results	Actual Results	Pass/Fail
Test case 1:	checking if the timeline page layout remains consistent when the window is resized	1. Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Open window to full screen 3. Resize window to 75% of screen 4. Resize window to 50% of screen 5. Resize window to 25% of screen	Seeing how the timeline editing page will look when the window is resized in a decremental fashion. Here we are visually inspecting the orientation of the 'timeline edit' page and how it responds to different window sizing. Some elements to observe are: the settings bar that holds the filter, selection, and dark mode icons. The window small window containing the timeline stream.	The layout of the page should remain consistent across all window sizes.	As expected	Pass
Test case 2:	checking that are dates in column are all clickable and that an overlay will appear once clicked upon.	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Click on all available dates in the row	Here we are checking to see if an overlay will appear once a date has been clicked. The test data will consist of all available dates from the base timeline. Such as: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939	Once an timeline has been clicked, an overlay will appear.	As expected	Pass
Test case 2:	check hover feature on overlay/photocard	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Click on all available timeline points in the row 3. use mouse to hover over the overlay that appears when user clicks on a timeline point	Here we are checking to see if an overlay will appear once a date has been clicked. The test data will consist of all available dates from the base timeline. Such as: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939	Once an timeline has been clicked, an overlay will appear. When the user hovers their cursor over the overlay, the overlay will appear to 'flip'	As expected	Pass
Test case 3:	check more information feature on photocard/overlay is accessible.	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Click on all available timeline points in the row 3. use mouse to hover over the overlay that appears when user clicks on a timeline point 4. When card is flipped, use mouse to click on the label with three dots	Here we are checking to see if an overlay will appear once a date has been clicked. The test data will consist of all available dates from the base timeline. Such as: Use timeline point: <5000	Once a timeline point has been clicked, an overlay will appear. When the user hovers their cursor over the overlay, the overlay will appear to 'flip' Once the card has flipped, a corner section with three 3 dots will be visible.	As expected	Pass
Test case 4:	check text-to-speech feature on photocard/overlay is accessible.	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Click on all available timeline points in the row 3. use mouse to hover over the overlay that appears when user clicks on a timeline point 4. When card is flipped, use mouse to the speaker icon.	Here we are checking to see if a speaker icon will appear once a photocard overlay is flipped. The test data used includes: The timeline page:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline Timeline points: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939	Once a timeline point has been clicked, an overlay will appear. When the user hovers their cursor over the overlay, the overlay will appear to 'flip' Once the card has flipped, a speaker icon will be visible on the top-left corner of the photocard/overlay	As expected	Pass

Test case 5:	check chevron icons are clickable	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Use mouse to hover over left chevron 3. move mouse to hover over right chevron	Test data includes: Timeline page Left side chevron Right side chevron	Both chevrons should appear clickable.	As expected	Pass
Test case 6:	Check horizontal scrolling using mouse	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. hover mouse over the timeline window 3. Hold down the 'shift' key as you scroll down using the mouse wheel	Test data includes: Timeline page mouse	The timeline should scroll to the right smoothly.	As expected	Pass
Test case 7:	Check horizontal scrolling using trackpad	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. hover mouse over the timeline window 3. Swipe to the left on the trackpad	Test data includes: Timeline page trackpad	The timeline should scroll to the right smoothly.	As expected	Pass
Test case 8:	Check filter range feature	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. click on the funnel icon above the timeline window	Test data includes: Timeline page funnel icon	An overlay describing the 'filter range' should appear. The overlay should contain the following fields: from, to, close, and apply filter	As expected	Pass
Test case 9:	Check 'from' field in the filter range feature	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. click on the funnel icon above the timeline window 3. click on 'from' field on the overlay 4. input string "asdf" 5. input integer value "6"	Test data includes: Timeline page funnel icon from field string: "asdf" integer value "6"	When inputting the string value, the 'from' field should reject this string value. e.g) the 'from' field does not reflect the input given. When inputting the integer value, the 'from' field should reflect the change and display "6"	As expected	Pass
Test case 10:	Check 'to' field in the filter range feature	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. click on the funnel icon above the timeline window 3. click on 'to' field on the overlay 4. input string "asdf" 5. input integer value "6"	Test data includes: Timeline page funnel icon to field string: "asdf" integer value "6"	When inputting the string value, the 'from' field should reject this string value. e.g) the 'to' field does not reflect the input given. When inputting the integer value, the 'to' field should reflect the change and display "6"	As expected	Pass

Test case 11:	Check if the buttons for exit command on the filter range feature is clickable	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. click on the funnel icon above the timeline window 3. Use mouse to hover over 'close' 4. Use mouse to hover over 'x'	Test data includes: Timeline page funnel icon 'close' button 'x' button	The 'close' and 'x' button should both be clickable.	As expected	Pass
Test case 12:	Check if the 'apply filter' button on on the filter range feature is clickable	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. click on the funnel icon above the timeline window 3. Use mouse to hover over 'apply filter'	Test data includes: Timeline page funnel icon apply filter button	The 'apply filter' button should appear clickable. NOTE: this test case isnt to check if the button will apply changes to the timeline. It's just to see if the button is clickable.	As expected	Pass
Test case 13:	Check to see if the 'dark mode' icon is functional	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 3. Use mouse to hover over the moon icon 4. Click on the moon icon	Test data includes: Timeline page moon icon timeline	Once the 'dark mode' is applied, the whole timeline page should appear darker. Note: during this unit test, the timeline stream IS NOT visible.	As expected	Pass
Test case 14:	Check select category feature icon	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. use mouse to hover over the menu icon next to the funnel icon 3. click on the menu icon	Test data includes: Timeline page menu icon	An overlay regarding the 'select category' feature should appear. In this overlay, interactable elements should be present such as the category drop menu, close button, apply button, exit button.	As expected	Pass
Test case 15:	Check category drop-menu on the 'select category' overlay	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Click on the select category icon on the timeline page 3. Select the all category drop down menu	Test data includes: Timeline page Select category icon all category drop down menu	Once the 'all categories' menu is pressed, a drop down menu should appear with the choices: transportation, european settlers, fishing industry, indigenious history, and historical figures	As expected	Pass
Test case 16:	Check if the buttons for exit command on the 'select category' overlay is clickable	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. click on the menu icon above the timeline window 3. Use mouse to hover over 'close' 4. Use mouse to hover over 'x'	Test data includes: Timeline page menu icon 'close' button 'x' button	The 'close' and 'x' button should both be clickable.	As expected	Pass

Test case 17:	Check if the 'apply filter' button on on the 'select category' overlay is clickable	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. click on the menu icon above the timeline window 3. Use mouse to hover over 'apply' button	Test data includes: Timeline page menu icon apply button	Once the 'select categories' icon is clicked, an overlay should appear. After hovering cursor over 'apply button' should make the 'apply' button should appear clickable. NOTE: this test case isnt to check if the button will apply changes to the timeline. It's just to see if the button is clickable.	As expected	Pass
Test case 18:	Check if the 'apply filter' button on on the 'select category' overlay is clickable	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. click on the menu icon above the timeline window 3. Use mouse to hover over 'apply' button	Test data includes: Timeline page menu icon apply button	Once the 'select categories' icon is clicked, an overlay should appear. After hovering cursor over 'apply button' should make the 'apply' button should appear clickable. NOTE: this test case isnt to check if the button will apply changes to the timeline. It's just to see if the button is clickable.	As expected	Pass
Test case 19:	Check if the 'edit' button above the timeline page is visible and clickable.	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 3. Use mouse to hover over 'apply' button	Test data includes: Timeline page Edit button	The 'edit' button should appear clickable NOTE: "Appear clickable" as in the cursor should change from an arrow to a hand once the elements are hovered over. **NOTE: we're not checking to if the buttons will direct you anywhere, we're just checking to see if there exists a button where we expect one.	As expected	Pass
Test case 20:	Check that subtimeline is accessible	1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Use mouse to hover over space between 1804-1812	Timeline page 1804 timeline point 1812 timeline point space between the two points on the line	The line between the two points should appear clickable, signifying that the timeline	As expected	Pass

TIMELINE EDITING PAGE TESTING (THIS PAGE IS FOR ADMINS ONLY)

Test cases	Scenario	Test Steps	Test Data	Expected results	Actual Results	Pass/Fail
Test case 1:	checking if the edit content page layout remains consistent when the window is resized	1. Go to edit content page using url: Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/content_edit (STATIC PAGE) 2. Open window to full screen 3. Resize window to 75% of screen 4. Resize window to 50% of screen 5. Resize window to 25% of screen	Seeing how the edit page will look when the window is resized in a decremental fashion. Here we are visually inspecting the orientation of the 'edit content' page and how it responds to different window sizing. Some important elements to observe include: Title bar, the list of years, the divider, and the empty space on the right of the divider.	The layout of the page should remain consistent across all window sizes.	As expected	Pass
Test case 2:	checking that are dates in column are all clickable and that an overlay will appear once clicked upon.	1. Go to edit content page using url: Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/content_edit (STATIC PAGE) 2. Click on all available dates in the row	Here we are checking to see if an overlay will appear once a date has been clicked. The test data will consist of all available dates from the base timeline. Such as: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939	Once an date has been clicked, an overlay will appear with options to edit such as, date, title, front image, back image, previouse images, information, more information, date marker, sub-event, event title, and select category.	As expected	Pass

Test case 3:	check to see if date field is an editable field on the 'edit content' overlay.	1. Go to edit content page using url: https://badger-timeline.infinityfreeapp.com/publi c_html/views/pages/content_edit (STATIC PAGE) 2. Click on all available dates in the row 3. Click on date field 4. Input random string	Here we are checking to see if the date field is an editable field. The test data includes: All available dates: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 Date field input string "asdf"	The 'date' field is editable and will reflect the string "asdf"	As expected	Pass
Test case 4:	check to see if 'title' field is an editable field on the 'edit content' overlay.	1. Go to edit content page using url: https://badger-timeline.infinityfreeapp.com/publi c_html/views/pages/content_edit (STATIC PAGE) 2. Click on all available dates in the row 3. Click on title field 4. Input random string	Here we are checking to see if the date field is an editable field. The test data includes: All available dates: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 Title Field input string "asdf"	The 'Title' field is editable and will reflect the string "asdf"	As expected	Pass
Test case 5:	check to see if 'front image ' button is clickable on the 'edit content' overlay	1. Go to edit content page using url: https://badger-timeline.infinityfreeapp.com/publi c_html/views/pages/content_edit (STATIC PAGE) 2. Click on all available dates in the row 3. Go to front image section 4. Click on 'choose file' button	Here we are checking to see if 'front image' section will prompt the user to choose a file from their device. The test data includes: All available dates: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 'choose file button'	Clicking on the 'choose file' button will prompt the user to choose a file from their device.	As expected	Pass
Test case 5:	check to see if 'back image ' button is clickable on the 'edit content' overlay	1. Go to edit content page using url: https://badger-timeline.infinityfreeapp.com/publi c_html/views/pages/content_edit (STATIC PAGE) 2. Click on all available dates in the row 3. Go to back image section 4. Click on 'choose file' button	Here we are checking to see if 'front image' section will prompt the user to choose a file from their device. The test data includes: All available dates: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 'choose file button'	Clicking on the 'choose file' button will prompt the user to choose a file from their device.	As expected	Pass
Test case 6:	check to see if 'information' field is an editable field on the 'edit content' overlay.	1. Go to edit content page using url: https://badger-timeline.infinityfreeapp.com/publi c_html/views/pages/content_edit (STATIC PAGE) 2. Click on all available dates in the row 3. Click on information field 4. Input random string	Here we are checking to see if the date field is an editable field. The test data includes: All available dates: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 information field input string "asdf"	The 'Information' field is an editable field and will reflect the string "asdf"	As expected	Pass

Test case 7:	check to see if 'more information' field is an editable field on the 'edit content' overlay.	1. Go to edit content page using url: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/content_edit (STATIC PAGE) 2. Click on all available dates in the row 3. Click on more information field 4. Input random string	Here we are checking to see if the date field is an editable field. The test data includes: All available dates: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 more information field input string "asdf"	The 'more Information' field is an editable field and will reflect the string "asdf"	As expected	Pass
Test case 8:	check to see if 'date marker' field is an editable field on the 'edit content' overlay.	1. Go to edit content page using url: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/content_edit (STATIC PAGE) 2. Click on all available dates in the row 3. Click on more 'date marker' field 4. Input random string	Here we are checking to see if the date field is an editable field. The test data includes: All available dates: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 date marker field input string "asdf"	The 'date marker' field is an editable field and will reflect the string "asdf"	As expected	Pass
Test case 9:	check to see if 'sub event' field is an editable field on the 'edit content' overlay.	1. Go to edit content page using url: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/content_edit (STATIC PAGE) 2. Click on all available dates in the row 3. Click on more 'sub event' field 4. Input random integer	Here we are checking to see if the date field is an editable field. The test data includes: All available dates: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 date marker field input int "9"	The 'sub event' field is an editable field and will reflect the int value "9"	As expected	Pass
Test case 10:	check to see if 'event title' field is an editable field on the 'edit content' overlay.	1. Go to edit content page using url: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/content_edit (STATIC PAGE) 2. Click on all available dates in the row 3. Click on more 'event title' field 4. Input random string	Here we are checking to see if the date field is an editable field. The test data includes: All available dates: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 event title field input "korean war"	The 'event title' field is an editable field and will reflect the int value "korean war"	As expected	Pass
Test case 11:	check to see if 'select category' field is a drop down menu	1. Go to edit content page using url: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/content_edit (STATIC PAGE) 2. Click on all available dates in the row 3. Click on more 'select category' button 4. Select a random option	Here we are checking to see if the date field is an editable field. The test data includes: All available dates: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 Select category button Select 'War'	The 'Select category' button is a drop down menu, and will display the choices of transportation, european settlers, fishing industry, indigenous history, and historical figures. In this case, selecting 'war' will display 'war' on the menu selection bar.	As expected	Pass

PROFILE PAGE TESTING (THIS PAGE IS FOR MEMBERS ONLY)						
Test cases	Scenario	Test Steps	Test Data	Expected results	Actual Results	Pass/Fail

| Test case 1: | checking if the edit content page layout remains consistent when the window is resized | 1. Go to edit content page using url: Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/profile

2. Open window to full screen

3. Resize window to 75% of screen

4. Resize window to 50% of screen

5. Resize window to 25% of screen | Seeing how the edit page will look when the window is resized in a decremental fashion.

Here we are visually inspecting the orientation of the 'profile' page and how it responds to different window sizing.

Some important elements to observe include: Profile section of page, Edit Profile Picture section, the ava | The layout of the page should remain consistent across all window sizes. | As expected | Pass |
|---|---|---|---|---|---|---|
| Test case 2: | Check if the 'edit' button in the profile section is clickable | 1. Go to profile page using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/profile

2. Use mouse to hover over 'edit' button

4. click on edit button | Test data includes: Profile page

Edit button | After clicking the edit button on the profile section, the content of the profile section changes to display text fields.

Text Fields include: Username, email, and password.

Clickable fields include: update button, reset button, and cancel button. | As expected | Pass |
| Test case 3: | Check if the 'Username' field is editable | 1. Go to profile page using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/profile

2. Click on edit button

4. click on the field under "username"

5. Input string "LeeeBron" | Test data includes: Timeline page

Edit button in the profile section

Field under 'Username' | On the profile section, the 'username' field should be editable, and display the input string: "Leeebron" | As expected | Pass |
| Test case 4: | Check if the 'Email' field is editable | 1. Go to profile page using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/profile

2. Click on edit button

4. click on the field under "email"

5. Type "LeeeBron@gmail.com" | Test data includes: Profile Page Edit button in the profile section

Field under 'Email'

input string: "LeeeBron@gmail.com" | On the profile section, the 'username' field should be editable, and display the input string: "Leeebron@gmail.com" | As expected | Pass |
| Test case 5: | Check to see if the 'password' field in the sign up section is an editable field. | 1. Go to profile page using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/profile

2. Click on edit button

4. click on the field under "email"

5. Type "james" | "Test data includes: Profile Page Edit button in the profile section

Field under 'Password'

Input String "james" | On the sign up section, the 'password' field should be editable, and display a hidden password of length 5 | As expected | Pass |
| Test case 6: | Check to see if 'update' button on the profile page is clickable | 1. Go to homepage: https://badger-timeline.infinityfreeapp.com/public_html/views/user/profile

2.Click on edit button in the profile section of page

3. click on update | Profile page

edit button

update button | The 'update' button should be clickable

**NOTE: we're not checking to if the buttons will immediately perform and action anywhere, we're just checking to see if there exists a button where we expect one. | As expected | Pass |

Test case 7:	Check to see if 'Reset' button on the profile page is clickable	1. Go to homepage: https://badger-timeline.infinityfreeapp.com/public_html/views/user/profile 2.Click on edit button in the profile section of page 3. click on Reset	Profile page edit button Reset button	The 'Reset' button should be clickable **NOTE: we're not checking to if the buttons will immediately perform and action anywhere, we're just checking to see if there exists a button where we expect one.	As expected	Pass
Test case 8:	Check to see if 'Cancel' button on the profile page is clickable	1. Go to homepage: https://badger-timeline.infinityfreeapp.com/public_html/views/user/profile 2.Click on edit button in the profile section of page 3. click on Cancel	Profile page edit button Reset button	The 'Cancel' button should be clickable **NOTE: we're not checking to if the buttons will immediately perform and action anywhere, we're just checking to see if there exists a button where we expect one.	As expected	Pass
Test case 9:	Check to see if 'Choose file' button will prompt the user.	1. Go to homepage: https://badger-timeline.infinityfreeapp.com/public_html/views/user/profile 2.Click on edit button in the profile section of page 3. Click on click on 'Choose File' button in the Edit profile picture section.	Profile page edit button Choose File button	The 'Choose File' button should prompt the user into selecting a file from their device.	As expected	Pass
Test case 10:	Check to see if 'Avatar' photo figures are a clickable element.	1. Go to homepage: https://badger-timeline.infinityfreeapp.com/public_html/views/user/profile 2.Click on edit button in the profile section of page 3. Move cursor over to Edit profile picture section of the page. 4. Hover over the 'Avatar' photo suggestions	Profile page edit button 'Avatar' photo suggestions	All three of the 'Avatar' photo suggestions should appear clickable. This action is hinted by the 'Avatar' icons enlarging once the cursor is hovered on top.	As expected	Pass
Test case 11:	Check to see if 'Save' button on the profile page is clickable	1. Go to homepage: https://badger-timeline.infinityfreeapp.com/public_html/views/user/profile 2.Click on edit button in the profile section of page 3. Move cursor over to Edit profile picture section of the page. 4. Click on the 'save' button	Profile page edit button Save button	The 'Save' button should be clickable **NOTE: we're not checking to if the buttons will immediately perform and action anywhere, we're just checking to see if there exists a button where we expect one.	As expected	Pass

| COMPONENT TESTING ON CHROME, SAFARI, FIREFOX, AND EDGE(incognito mode) | | | | | | |

HOMEPAGE TESTING						
Test cases	Scenario	Test Steps	Test Data	Expected results	Actual Results	Pass/Fail
Test case 1:	Check homepage visit now buttons	1. Go to homepage: https://badger-timeline.infinityfreeapp.com/public_html/ 2.Move mouse to hero section portion of the website 3. Click on 'visit now button'.	Homepage Visit now button	The 'visit now' button should lead the user directly to the timeline page.	As expected	Pass

| Test case 2: | Check 'home' link on header | 1. Go to homepage: https://badger-timeline.infinityfreeapp.com/public_html/

2.Move mouse to header portion of website

3. hover over 'home' link | Homepage

'home' link on the header | The 'home' link should lead the user directly back to the homepage | As expected | Pass |
| Test case 3: | Check 'log in' link on header | 1. Go to homepage: https://badger-timeline.infinityfreeapp.com/public_html/

2.Move mouse to header portion of website

3. hover over 'log in' link | The 'log in' text in the header portion of the website | The 'home' link should lead the user directly lead the user to the log in page | As expected | Pass |

LOG IN PAGE TESTING						
Test cases	Scenario	Test Steps	Test Data	Expected results	Actual Results	Pass/Fail
Test case 1:	Check input requirements for the email field of the login section.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. Go to login section 3. click sign in	1. Log in page 2. Log in section of Log in page 3. 'password' field 4. input string: "LeeebronJames"	Here, the purpose of this test is to see how the system responds when the email field and password field is left blank. The system should respond by telling the user that the email field is required.	As expected	Pass
Test case 2:	Check input requirements for the email field of the login section.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2.Click on the email field 3. Input a string not containing an '@'	1. Log in page 2. Log in section of Log in page 3. 'email' field 4. input string: "LeeebronJames"	Here, the purpose of this test is to see how the system responds when a string that does not contain an '@' symbol is used as an input on the email field. The system should tell you that an '@' symbol is required within the input string	As expected	Pass
Test case 3:	Check input requirements for the email field of the login section.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2.Click on the email field 3. Input a string containing '@' symbol and nothing else following	1. Log in page 2. Log in section of Log in page 3. 'email' field 4. input string: "KD@"	Here, the purpose of this test is to see how the system responds when a string with an'@' symbol and empty space after, is used as an input In this case, the system should tell you that the following input "KD@" is incomplete.	As expected	Pass
Test case 4:	Check input requirements for the password field of the login section. Using a satisfactory string, but empty password.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2.Click on the email field 3. Input a string that conforms to requirements. 4. leave the password field empty.	1. Log in page 2. Log in section of Log in page 3. 'email' field 4. input string: "LeeebronJames@goat.com"	Here, the purpose of this test is to see how the system responds when a satisfying string is used as an input on the email field, but the password field is left purposefully empty. The system should tell the user that the password field is required.	As expected	Pass
Test case 5:	Check input requirements for the sign up section by leaving all fields blank.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. Go to registration section 3. click sign up	1. Log in page 2. Navigate to Sign Up section 3. Sign Up button	Here, the purpose of this test is to see how the system responds when all fields are left blank during the sign up process. The system should respond by prevent the user from signing up by making the sign up button unclickable.	As expected	Pass

Test case 6:	Check input requirements for the sign up section by only entering an input for the 'Username' field and leaving all other fields empty	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. Navigate to Sign Up section 3.Click on 'username' field 4. input a string	Log in page Sign Up section username input: "goatjames" sign up button	Here, the purpose of this test is to see how the system responds when only the 'username' field has an input and all other fields are left blank during the sign up process. The system should respond by prevent the user from signing up by making the sign up button unclickable.	As expected	Pass
Test case 7:	Check input requirements for the sign up section by only entering an input for the 'Username' field, Email Field, and leaving all other fields empty	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. Navigate to Sign Up section 3.Click on 'username' field 4. input a string 5. Click on 'email field' 6. input a string	Log in page Sign Up section username input: "goatjames" email input: "leebron@goat.com" sign up button	Here, the purpose of this test is to see how the system responds when only the 'username' field and 'email' field is left blank but all other fields are left blank during the sign up process. The system should respond by prevent the user from signing up by making the sign up button unclickable.	As expected	Pass
Test case 8:	Check input requirements for the sign up section by only entering an input for the 'Username' field, Email Field, 'password' field and leaving the re-type password field empty.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. Navigate to Sign Up section 3.Click on 'username' field 4. input a string 5. Click on 'email field' 6. input a string 7. click on password field 8. input a string that conforms to requirements	Log in page Sign Up section username input: "goatjames" email input: "leebron@goat.com" password input: "MichaelJordanWho?" sign up button	Here, the purpose of this test is to see how the system responds when the 'username' field and 'email' field is filled, the password field contains an appropriate password, but the re-type password field is left empty. The system should respond by prevent the user from signing up by making the sign up button unclickable.	As expected	Pass
Test case 9:	Check input requirements for the sign up section when the re-type password field does not match the password field.	1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. Navigate to Sign Up section 3.Click on 'username' field 4. input a string 5. Click on 'email field' 6. input a string 7. click on password field 8. input a string that conforms to requirements 9. click on re-type password field 10. input a string that does not match string in 'password' field	Log in page Sign Up section username input: "goatjames" email input: "leebron@goat.com" password input: "MichaelJordanWho?" re-type password input: "noreallywhomj? sign up button	Here, the purpose of this test is to see how the system responds when re-typed password field does not match the password field The system should respond by prevent the user from signing up by making the sign up button unclickable.	As expected	Pass

| Test case 10: | Check input requirements for the sign up section when all inputs on for all fields conform to requirements. | 1. Go to homepage using url: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account

2. Navigate to Sign Up section

3.Click on 'username' field

4. input a string

5. Click on 'email field'

6. input a string

7. click on password field

8. input a string that conforms to requirements

9. click on re-type password field

10. input a string that does not match string in 'password' field | Log in page

Sign Up section

username input: "goatjames"

email input: "leebron@goat.com"

password input: "MichaelJordanWho?"

re-type password input: "MichaelJordanWho?"

sign up button | Here, the purpose of this test is to see how the system responds when a user follows the requirements on the 'Sign up' feature.

The system should respond by positively by making the sign up button clickable. | As expected | Pass |

TIMELINE PAGE TESTING						
Test cases	Scenario	Test Steps	Test Data	Expected results	Actual Results	Pass/Fail
Test case 1:	Check alternating position of timeline photocards	1. Go to homepage:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Go to the timeline section 3. Click on points all points on the timeline	Timeline page <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939	The photocards should oriented in a sequence of down, up, down, up, down, up...	As expected	Pass
Test case 2:	Check chevrons	1. Go to homepage:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Go to the timeline section 3. Click on the right chevron 4. Click on the left chevron	Timeline page Right chevron Left Chevron	The timeline should first shift right by an incremental amount after clicking the right chevron, then shift left after clicking the left chevron.	As expected	Pass
Test case 3:	Check dark mode feature	1. Go to homepage:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Go to the timeline section 3. click on moon icon	Timeline page moon/dark mode icon	Once the icon is clicked on, the timeline page appears darker, and the timeline stream is still visible and accessible.	As expected	Pass

Test case 4:	Check filter range feature	1. Go to homepage:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline	· Timeline page	Here, the purpose of this test is to see how the system responds given an input range to filter from.	As expected	Pass
		2. Go to the timeline section	funnel/filter range icon	In this case, the timeline will hide all other points on the timeline except for the points that lie between 1804 to 1812 inclusively.		
		3. click on funnel icon	'from' input value: "1804"			
		4. input an int value into 'from' field	'to' input value: 1812			
		5. input an int value int 'to' field	apply features button			
		6. click apply features				
Test case 5:	Check Select Category feature	1. Go to homepage:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline	· Timeline page	Here, the purpose of this test is to see how the system responds given an category to filter event.	As expected	Pass
		2. Go to the timeline section	Menu/Select Category icon	In this case, the timeline will hide all other points on the timeline except for the points that are relevant to war events, such as 1791, 1812, 1815, and 1916.		
		3. Click on the Menu icon on the far right of the timeline	Select option: War History			
		4. Select a category	Apply button			
		5. Click apply				
Test case 6:	Check photocard feature	1. Go to homepage:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline	· Timeline page	A photocard should appear once a timeline point is clicked, and a photo should be visible.	As expected	Pass
		2. Go to the timeline section	<5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939			
		3. Click on a point on the timeline				
Test case 7:	Check hover feature	1. Go to homepage:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline	· Timeline page	Once the the cursor is hovered on top of the photocard, the card should appear to flip and text information is revealed to the user.	As expected	Pass
		2. Go to the timeline section	Timeline points: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939			
		3. Click on a point on the timeline				
		4. hover over photocard using mouse				

Test cases	Scenario	Test Steps	Test Data	Expected results	Actual Results	Pass/Fail
Test case 8:	Check Text-to-Speech feature	1. Go to homepage:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Go to the timeline section 3. Click on a point on the timeline 4. hover over card 5. click on the speaker icon	Timeline page Timeline points: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 speaker icon	Once the photocard is flipped, there will be an option for text-to-speech. When the text-to-speech icon is pressed, the text is then read aloud to the user.	As expected	Pass
Test case 9:	Check more information feature	1. Go to homepage:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Go to the timeline section 3. Click on a point on the timeline 4. hover over card 5. click on the more information icon	Timeline page Timeline points: <5000 more information icon appears to be with three dots.	Once the photocard is flipped, there will be an option for more information highlighted by a icon with three dots. Once the icon is pressed, an extensive amount of text information will appear on the bottom.	As expected	Pass
Test case 10:	Check Text-to-Speech feature on more information	1. Go to timeline page:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Go to the timeline section 3. Click on a point on the timeline 4. hover over card 5. click on the more information icon 6. click on the text-to-speak button	Timeline page Timeline points: <5000, 1839, 1870, 1888, 1906, more information icon appears to be with three dots. Speak button	When more information is revealed on the bottom of the timeline, there is an additional option for text-to-speech which reads aloud the more-information text to the user.	As expected	Pass
Test case 11	Check sub-timeline feature	1. Go to timeline page:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Go to space between 1804 - 1812 3. Click on line between the two points	Timeline page Line between timeline points: 1804 - 1812	A subtime line overlay is revealed to the user, which contains a multitude of photos for the user to look over.	As expected	Pass
Test case 12:	Check Edit content feature.	1. Go to timeline page:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Click on 'Edit' button	Timeline page Edit button	The system will direct the user to the 'edit content' page where the user is able to the content of the timeline.	As expected	Pass

EDIT CONTENT PAGE TESTING (FOR ADMINS ONLY)						
Test cases	Scenario	Test Steps	Test Data	Expected results	Actual Results	Pass/Fail
Test case 1:	Check edit overlay	1. Go to edit content page: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/content_edit (STATIC PAGE) 2. Select a timeline date	edit content page Timeline dates: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939	The title in the overlay should reflect the time period chosen.	As expected	Pass

Test case 2:	Check add timeline date feature	1. Go to edit content page: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/content_edit (STATIC PAGE) 2. Click 'add event' button	edit content page add event button	An overlay will appear prompting the user to fill in information about new event. Once the information is filled in, the edit content page will reflect the change. NOTE: the timeline itself won't reflect the change, as the data base isn't integrated yet.	As expected	Pass
Test case 3:	Check submit changes features	1. Go to edit content page: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/content_edit (STATIC PAGE) 2. Select a time period 3. fill overlay with random information 4. click submit	edit content page Time periods: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 change information: "asdasdasdsadas" submit button	Once the necessary information is submitted, the overlay will close. NOTE: the timeline itself won't reflect the change, as the data base isn't integrated yet.	As expected	Pass

PROFILE PAGE TESTING (FOR MEMBERS ONLY)						
Test cases	Scenario	Test Steps	Test Data	Expected results	Actual Results	Pass/Fail
Test case 1	Check reset feature	1. Go to profiile page:https://badger-timeline.infinityfreeapp.com/public_html/views/user/profile 2. naivgate to profile section of page 3. Click on edit icon 4. Fill information on Username, Email, and password field 5. Click reset	Profile page edit icon Username information: "asdf" Email information: "leebron@nbagoat.com password: "MichaelWho?" reset button	Once the reset button is pressed, the information on the 'username', 'email', and 'password' field is erased.		
Test case 2	Check cancel feature	1. Go to profiile page:https://badger-timeline.infinityfreeapp.com/public_html/views/user/profile 2. naivgate to profile section of page 3. Click on edit icon 4. Click cancel	Profile page edit button cancel button	Clicking the cancel button will undo all actions and bring the user back to the profile page.		
Test case 3	Check update feature	1. Go to profiile page:https://badger-timeline.infinityfreeapp.com/public_html/views/user/profile 2. naivgate to profile section of page 3. Click on edit icon 4. Fill information on Username, Email, and password field 5. Click cancel	Profile page edit icon Username information: "asdf" Email information: "leebron@nbagoat.com password: "MichaelWho?" update button	Clicking the update button will bring the user back to the profile page and their new credentials is displayed. NOTE: these changes are not reflected on the database, as the database is not integrated for component testing.		
Test case 4	Check save profile picture feature	1. Go to profiile page:https://badger-timeline.infinityfreeapp.com/public_html/views/user/profile 2. naivgate to 'edit profile picture' section of page 3. Select an avatar photo icon 4. Click 'save' button	Profile page An avatar icon 'save' button	Selecting an icon will change the profile picture of the user to the selected icon, and clicking 'save' will save the avatar as the user's profile picture. NOTE: these changes are not reflected on the database, as the database is not integrated for component testing.		

SYSTEM INTEGRATION TESTING ON CHROME, SAFARI, FIREFOX, AND EDGE(incognito mode)

HOMEPAGE TESTING

Test cases	Scenario	Test Steps	Test Data	Expected results	Actual Results	Pass/Fail
Test case 1	Check homepage when user is not logged in	1. Go to homepage: https://badger-timeline.infinityfreeapp.com/public_html/ 2. naivgate to header section	Homepage	If the user is not logged into an account, the homepage should reflect that fact and give the user the option of logging in.	As expected	Pass
Test case 2	Check homepage when user is logged in	1. Go to homepage: https://badger-timeline.infinityfreeapp.com/public_html/ 2. naivgate to header section	Homepage	If the user is logged into an account, the homepage should reflect that fact. A 'user' icon will replace the log in link.	As expected	Pass

LOG IN PAGE TESTING

Test cases	Scenario	Test Steps	Test Data	Expected results	Actual Results	Pass/Fail
Test case 1	Check sign up feature	1. Go to log in page: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. enter valid inputs 3. click sign up button	Log in page Valid inputs for username, email, and password fields	The system will give a successful message notification to the user: "Registration successful! You can now log in."	As expected	Pass
Test case 2	Check sign up feature using pre-existing email in the database	1. Go to log in page: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. enter an already pre-existing email address in the database 3. enter rest of fields with valid inputs	Log in page A pre-existing email on the database Valid inputs for username, password fields.	The system will give a unsuccessful message notification to the user: "Registration failed. Please try again."	As expected	Pass
Test case 3	Check log in feature using valid inputs	1. Go to log in page: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. enter valid inputs on the log in fields	Log in page Valid inputs for email, and password fields Click 'sign in' button	User is successfully logged in and is redirected back to the homepage	As expected	Pass
Test case 4	Check log in feature using invalid email	1. Go to log in page: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. enter invalid email on the email field 3. enter valid password	Log in page invalid email: "mjnotthegoatfr@fraud.com" valid password: "lebronDaGoat23!"	System should display an error message "Invalid username"	As expected	Pass
Test case 5	Check log in feature using invalid password	1. Go to log in page: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account 2. enter valid email on the email field 3. enter invalid password	Log in page valid email: "dakidfromakron23@gmail.com" invalid password: "mjDaGoat23!"	System should display an error message "Invalid username or password"	As expected	Pass

Test case 6	Check reset password feature	1. Go to log in page: https://badger-timeline.infinityfreeapp.com/public_html/views/user/account	Log in page	If the user's email address is in the database, a link will be sent to the email address where the user can reset their password from there.	As expected	Pass
		2. Click on 'verify email and reset your password' link	'verify email and reset your password' link			
		3. enter email address used in sign up	valid email: "dakidfromakron23@gmail.com"			
		4. go to email, and click link sent, and change password	new valid password			

TIMELINE PAGE TESTING

Test cases	Scenario	Test Steps	Test Data	Expected results	Actual Results	Pass/Fail
Test case 1	Check all timeline points	1. Go to log in page: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline	Timeline page	each timeline point reflects its own respective data from the data base.	As expected	Pass
		2. Click all points on the timeline	Timeline points: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939			
		3. verify photo and information is loaded from the database				
Test case 2:	Check Select Category feature	1. Go to homepage:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline	Timeline page	Here, the purpose of this test is to see how the system responds given an category to filter event.	As expected	Pass
		2. Go to the timeline section	Menu/Select Category icon	In this case, the timeline will retreive the necessary data from the database and hide all other points on the timeline that are not relevant to the category.		
		3. Click on the Menu icon on the far right of the timeline	Select option: War History			
		4. Select a category	Apply button	In this case, the points that are relevant to war events will be displayed, such as: 1791, 1812, 1815, and 1916.		
		5. Click apply				
Test case 3	Check user access for timeline page	1. Using a admin account, go to log in page: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline	Timeline page	The view and edit button are not visible, when accessing the timeline using a regular account or no account.	As expected	Pass
		2. verify that the 'view and edit button is not visible	Timeline points: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939	This is because regular users and member do not have the privilege of editing the content on the timeline.		
Test case 3	Check admin access for timeline page	1. Using a admin account, go to log in page: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline	Timeline page	The view and edit button are visible, when accessing the timeline using a admin account.	As expected	Pass
		2. verify that the 'view and edit button is visible	Timeline points: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939	This is because only admins have the privilege of editing the content on the timeline.		

EDIT CONTENT PAGE TESTING (FOR ADMINS ONLY)

Test cases	Scenario	Test Steps	Test Data	Expected results	Actual Results	Pass/Fail

Test case 1	Check all timeline points	1. Using an admin account, go to edit content page: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/edit_content 2. Click all points on the timeline 3. verify information is retrieved from the database.	Edit content page Timeline events: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 date, title, front image, back image, previouse images, information, more information, date marker, sub-event, event title, and select category.	For a given time event, the correct data is retrieved from the database. The data of interest to observe are: date, title, front image, back image, previouse images, information, more information, date marker, sub-event, event title, and select category.	As expected	Pass
Test case 2	Check date edit feature	1. Using an admin account, go to edit content page: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/edit_content 2. Click on a time event from list 3. click on date field 4. input new date 5. Click save button	Edit content page Timeline events: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 four digit year such as: "1899" save button	The change is reflected onto the timeline.	As expected	Pass
Test case 3	Check title edit feature	1. Using an admin account, go to edit content page: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/edit_content 2. Click on a time event from list 3. click on Title field 4. input new string 5. Click save button	Edit content page Timeline events: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 Any string such as: "shovel from the northern war"	The change is reflected onto the timeline.	As expected	Pass
Test case 4	Check front image edit feature	1. Using an admin account, go to edit content page: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/edit_content 2. Click on a time event from list 3. navigate to front image section 4. Click choose file 5. upload from device 6. click 'save'	Edit content page Timeline events: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 an image chosen from device	The change is reflected onto the timeline.	As expected	Pass
Test case 5	Check back-image edit feature	1.Using an admin account, go to edit content page: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/edit_content 2. Click on a time event from list 3. navigate to back image section 4. Click choose file 5. upload from device 6. click 'save'	Edit content page Timeline events: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 an image chosen from device	The change is reflected onto the timeline.	As expected	Pass

Test case 6	Check previous images field	1. Using an admin account, go to edit content page: https://badger-timeline.infinityfreeapp.com/publi c_html/views/pages/edit_content 2. Click on a time event from list 3. View previous images of that specific time event from list	Edit content page Timeline events: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939	On the edit overlay, the user is able to view previous images that once occupied that photocard of that specific time event.	As expected	Pass
Test case 7	Check edit information feature	1. Using an admin account, go to edit content page: https://badger-timeline.infinityfreeapp.com/publi c_html/views/pages/edit_content 2. Click on a time event from list 3. click on information field 4. input new string 5. Click save button	Edit content page Timeline events: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 Any string such as: "In the midst of Vimy Ridge, the troops from Canada....."	The change is reflected onto the timeline.	As expected	Pass
Test case 8	Check edit more information feature	1. Using an admin account, go to edit content page: https://badger-timeline.infinityfreeapp.com/publi c_html/views/pages/edit_content 2. Click on a time event from list 3. click on more information field 4. input new string 5. Click save button	Edit content page Timeline events: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 Any string such as: "In the midst of D-day, the Canadian troops occupied....."	The change is reflected onto the timeline. the 'more information' feature is now available for the photocard if it wasn't before.	As expected	Pass
Test case 9	Check edit date marker feature	1. Using an admin account, go to edit content page: https://badger-timeline.infinityfreeapp.com/publi c_html/views/pages/edit_content 2. Click on a time event from list 3. click on date marker field 4. input new date 5. Click save button	Edit content page Timeline events: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939	The change is reflected onto the timeline.	As expected	Pass
Test case 10	Check edit/add subevent feature	1. Using an admin account, go to edit content page: https://badger-timeline.infinityfreeapp.com/publi c_html/views/pages/edit_content 2. Click on a time event from list 3. navigate to subevent field 4. change input field of 0 5. add photos 6. Click save button	Edit content page Timeline events: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 subevent input field photos from device	The change is reflected onto the timeline. The sub-timeline is now added for the specific time event chosen.	As expected	Pass

| Test case 11 | Check edit event title feature | 1. Using an admin account, go to edit content page: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/edit_content

2. Click on a time event from list

3. click on event title field

4. input new string

5. Click save button | Edit content page

Timeline events: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939

new string such as "Indigenious traditional....." | The change is reflected onto the timeline. | As expected | Pass |
| Test case 12 | Check select category feature | 1. Using an admin account, go to edit content page: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/edit_content

2. Click on a time event from list

3. click on Select category drop menu

4. Select a category to associate time event to

5. Click save button | Edit content page

Timeline events: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939

Possible categories include: Indigenious history, european settler, war histroy, transportation history, fishing history, historical figures. | The change is reflected onto the timeline. The time event is now associated with the category chosen and will display when the user filters for that specific category. | As expected | Pass |

PROFILE PAGE TESTING (FOR MEMBERS ONLY)

Test cases	Scenario	Test Steps	Test Data	Expected results	Actual Results	Pass/Fail
Test case 1	update username	1. Using a registered account, go to profile page: https://badger-timeline.infinityfreeapp.com/public_html/views/user/profile 2. Click the edit button 3. Change username to a new string 4. Click the update button	Profile page String for new username such as: "goatjames"	The change in account information is reflected, and the user is direct back to the profile change to view the changed credentials		
Test case 2	update email	1. Using a registered account, go to profile page: https://badger-timeline.infinityfreeapp.com/public_html/views/user/profile 2. Click the edit button 3. Change email to a new valid email address 4. Click the update button	Profile page String for new email such as: "lebronjames@nbagoat.com"	The change in account information is reflected, and the user is direct back to the profile change to view the changed credentials		