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

| Test case 7:               | Check 'log in' link on<br>header  | Go to homepage: https://badger- timeline.infinityfreeapp.com/publi c_html/      Move mouse to header portion of website      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 TE             | STING   |  |   |   |                               |                   |
| Test cases<br>Test case 1: | Scenario checking if the Log in page layout remains consistent when the window is in full screen. | Test Steps 1. Go to homepage using url: https://badger- timeline.infinityfreeapp.com/publi c_html/views/user/account 2. Open window to full screen   | Test Data 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.   | Expected results 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  | Actual Results<br>As expected | Pass/Fail<br>Pass |
| Test case 2:               | checking if homepage<br>layout remains consistent<br>when the window is in 75%<br>screen.         | Go to homepage using url: https://badger- timeline.infinityfreeapp.com/publi c_html/views/user/account      Open window to full screen      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<br>layout remains consistent<br>when the window is 50%<br>screen.            | 1. Go to homepage using url: https://badger- timeline.infinityfreeapp.com/publi c_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<br>layout remains consistent<br>when the window is 25%<br>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.                     | Go to homepage using url:     https://badger- timeline.infinityfreeapp.com/publi c_html/views/user/account      Click on the email field      Input a string   | <ol> <li>Log in page</li> <li>Log in section of Log in page</li> <li>'email' field</li> <li>input string: "Leeebron James"</li> </ol>   | 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.          | Go to homepage using url:     https://badger- timeline.infinityfreeapp.com/publi c_html/views/user/account      Go to 'log in' section of page      Click on the log field      Input a string      | Log in page     Log in section of Log in page     'username' field     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/publi c_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/publi c_html/views/user/account 2. Go to 'sign up' section of page 2.Click on the username field 3. Input a string        | Log in page     Sign up section of Log in page     'username' field     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.             | Go to homepage using url:     https://badger- timeline.infinityfreeapp.com/publi c_html/views/user/account     Go to 'sign up' section of page     Click on the email field     Input a string      | Log in page     Sign up section of Log in page     'email' field     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.         | Go to homepage using url:     https://badger- timeline.infinityfreeapp.com/publi c_html/views/user/account     Go to 'sign up' section of page     Click on the sign up section     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<br>for the sign up section<br>when the a string is<br>entered into the password<br>field   | Go to homepage using url: https://badger- timeline.infinityfreeapp.com/publi c_html/views/user/account      Navigate to Sign Up section      Click on 'password' field      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 |                | 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/publi c_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                       | username input: "goatjames" email input: "leebron@goat.com" password input: "michaelJordanWho?" re-type password input: | uppercase characters.  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/publi c_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 | username input: "goatjames" email input: "leebron@goat.com" password input: "michaelJordanWho?" re-type password input: | 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/publi c_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<br>Test cases | TESTING<br>Scenario   | Test Steps  | Test Data   | Expected results   | Actual Results | Pass/Fail   |
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| Test case 1: | checking if the timeline<br>page layout remains<br>consistent when the<br>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   | 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,  | The layout of the page should remain consistent across all window sizes.  | As expected | Pass |
|--------------|---|--|---|---|-------------|------|
| Test case 2: | checking that are dates in<br>column are all clickable and<br>that an overlay will appear<br>once clicked upon. | Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline     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<br>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<br>feature on<br>photocard/overlay is<br>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<br>feature on<br>photocard/overlay is<br>accessible.                                       | 1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/publi c_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_ht ml/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<br>clickable           | Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/publi c_html/views/pages/timeline              |   | Both chevrons should appear clickable.   | As expected | Pass |
|---------------|--|--|---|--|-------------|------|
|               |  | Use mouse to hover over left chevron     move mouse to hover over  | Right side chevron                                  |  |             |      |
|               |  | right chevron  |   |  |             |      |
| Test case 6:  | Check horizontal scrolling using mouse         | Go to edit content page using<br>url: Go to homepage using<br>url:https://badger-<br>timeline.infinityfreeapp.com/publi<br>c_html/views/pages/timeline | Test data includes:<br>Timeline page<br>mouse       | The timeline should scroll to the right smoothly.  | As expected | Pass |
|               |  | 2. hover mouse over the timeline window  |   |  |             |      |
|               |  | 3. Hold down the 'shift' key as you scroll down using the mouse wheel  |   |  |             |      |
| Test case 7:  | Check horizontal scrolling using trackpad      | Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/publi c_html/views/pages/timeline              | Test data includes:<br>Timeline page<br>trackpad    | The timeline should scroll to the right smoothly.  | As expected | Pass |
|               |  | 2. hover mouse over the timeline window  |   |  |             |      |
|               |  | 3. Swipe to the left on the trackpad   |   |  |             |      |
| Test case 8:  | Check filter range feature                     | Go to edit content page using<br>url: Go to homepage using<br>url:https://badger-<br>timeline.infinityfreeapp.com/publi<br>c_html/views/pages/timeline | Test data includes:<br>Timeline page<br>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 |
|               |  | 2. click on the funnel icon above the timeline window  |   |  |             |      |
| Test case 9:  | Check 'from' field in the filter range feature | Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/publi c_html/views/pages/timeline              | Test data includes:<br>Timeline page<br>funnel icon | When inputting the string value, the 'from' field should reject this string value. e.g) the 'from' field does not reflect the input given. | As expected | Pass |
|               |  | click on the funnel icon above the timeline window   | from field string: "asdf"                           | When inputting the integer value,<br>the 'from' field should reflect the<br>change and display "6"   |             |      |
|               |  | click on 'from' field on the overlay   | integer value "6"                                   |  |             |      |
|               |  | 4. input string "asdf"   |   |  |             |      |
|               |  | 5. input integer value "6"   |   |  |             |      |
| Test case 10: | Check 'to' field in the filter range feature   | Go to edit content page using url: Go to homepage using url:https://badgertimeline.infinityfreeapp.com/publi c_html/views/pages/timeline               | Test data includes:<br>Timeline page<br>funnel icon | When inputting the string value, the 'from' field should reject this string value. e.g) the 'to' field does not reflect the input given.   | As expected | Pass |
|               |  | click on the funnel icon above   | to field  | When inputting the integer value,<br>the 'to' field should reflect the   |             |      |
|               |  | the timeline window  | string: "asdf"                                      | change and display "6"   |             |      |
|               |  | 3. click on 'to' field on the overlay  | integer value "6"                                   |  |             |      |
|               |  | 4. input string "asdf"   |   |  |             |      |
|               |  | 5. input integer value "6"   |   |  |             |      |

| Test case 11: | Check if the buttons for exit  | Go to edit content page using   | Test data includes:  | The 'close' and 'x' button should   | As expected | Pass |
|---------------|--|---|--|---|-------------|------|
|               | command on the filter range feature is clickable   | url: Go to homepage using<br>url:https://badger-<br>timeline.infinityfreeapp.com/publi<br>c_html/views/pages/timeline                     | Timeline page funnel icon                                    | both be clickable.  |             |      |
|               |  | click on the funnel icon above     the timeline window  | 'close' button 'x' button                                    |   |             |      |
|               |  | 3. Use mouse to hover over 'close'  |  |   |             |      |
|               |  | 4. Use mouse to hover over 'x'  |  |   |             |      |
| Test case 12: | Check if the 'apply filter'<br>button on on the filter<br>range feature is clickable         | 1. Go to edit content page using url: Go to homepage using url:https://badger-  | Test data includes:<br>Timeline page                         | The 'apply filter' button should appear clickable.  | As expected | Pass |
|               |  | timeline.infinityfreeapp.com/publi<br>c_html/views/pages/timeline   | apply filter button  | NOTE: this test case isnt to check if<br>the button will apply changes to the<br>timeline. It's just to see if the button   |             |      |
|               |  | click on the funnel icon above     the timeline window  |  | is clickable.   |             |      |
|               |  | 3. Use mouse to hover over 'apply filter'   |  |   |             |      |
| Test case 13: | Check to see if the 'dark mode' icon is functional   | Go to edit content page using url: Go to homepage using url:https://badger-   | Test data includes:<br>Timeline page                         | Once the 'dark mode' is applied, the whole timeline page should appear darker.  | As expected | Pass |
|               |  | timeline.infinityfreeapp.com/publi<br>c_html/views/pages/timeline   | moon icon timeline   | Note: during this unit test, the timeline stream IS NOT visible.  |             |      |
|               |  | 3. Use mouse to hover over the moon icon  | штете  | unienne su ean 13 NOT visible.  |             |      |
|               |  | 4. Click on the moon icon   |  |   |             |      |
| Test case 14: | Check select category feature icon   | Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/publi                             | Test data includes: Timeline page                            | An overlay regarding the 'select category' feature should appear.  In this overlay, interactable elements   | As expected | Pass |
|               |  | c_html/views/pages/timeline  2. use mouse to hover over the   | mena teon  | should be present such as the category drop menu, close button, apply button, exit button.  |             |      |
|               |  | menu icon next to the funnel icon  3. click on the menu icon  |  | oppry section, extraorder   |             |      |
|               |  | 5. Click off the menu icon  |  |   |             |      |
| Test case 15: | Check category drop-menu<br>on the 'select category'<br>overlay                              | Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/publi c_html/views/pages/timeline | Test data includes:<br>Timeline page<br>Select category icon | Once the 'all categories' menu is pressed, a drop down menu should appear with the choices: transportation, european settlers, fishing industry, indigenious history, | As expected | Pass |
|               |  | 2. Click on the select category icon on the timeline page   | all category drop down menu                                  | and historical figures  |             |      |
|               |  | 3. Select the all category drop down menu   |  |   |             |      |
| Test case 16: | Check if the buttons for exit<br>command on the 'select<br>category' overlay is<br>clickable |   | Test data includes:<br>Timeline page<br>menu icon            | The 'close' and 'x' button should both be clickable.  | As expected | Pass |
|               |  | click on the menu icon above     the timeline window  | 'close' button 'x' button                                    |   |             |      |
|               |  | Use mouse to hover over 'close'   |  |   |             |      |
|               |  | 4. Use mouse to hover over 'x'  |  |   |             |      |
|               |  |   |  |   |             |      |

| Test case 17:           | Check if the 'apply filter'<br>button on on the 'select<br>category' overlay is                                 | Go to edit content page using url: Go to homepage using url:https://badger-  | Test data includes:<br>Timeline page   | Once the 'select categories' icon is clicked, an overlay should appear.   | As expected                   | Pass              |
|-------------------------|---|--|--|---|-------------------------------|-------------------|
|                         | clickable   | timeline.infinityfreeapp.com/publi c_html/views/pages/timeline  2. click on the menu icon above the timeline window  3. Use mouse to hover over 'apply' button   | menu icon<br>apply button  | 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.  |                               |                   |
| Test case 18:           | Check if the 'apply filter'<br>button on on the 'select<br>category' overlay is<br>clickable                    | 1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/publi c_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:<br>Timeline page<br>menu icon<br>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.                                    | Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline     Use mouse to hover over 'apply' button  | Test data includes:<br>Timeline page<br>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  | Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline     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 Test case 1: | Scenario  | Test Steps 1. Go to edit content page using url: Go to homepage using url: https://badger-timeline.infinityfreeapp.com/publi c_html/views/pages/content_edit (STATIC PAGE) 2. Open window to full screen 3. Resize window to 75% of screen | Test Data 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. | Expected results The layout of the page should remain consistent across all window sizes.   | Actual Results<br>As expected | Pass/Fail<br>Pass |
| Test case 2:            | checking that are dates in<br>column are all clickable and<br>that an overlay will appear<br>once clicked upon. | Go to edit content page using url: Go to homepage using url: https://badger-timeline.infinityfreeapp.com/publi c_html/views/pages/content_edit (STATIC PAGE)      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,           | 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<br>an editable field on the<br>'edit content' overlay.    | 1. Go to edit content page using url: https://badger-timeline.infinityfreeapp.com/publi c_ntml/views/pages/content_edit (STATIC PAGE)  2. Click on all available dates in the row  3. Click on date field  4. Input random string               |   |   | As expected | Pass |
|--------------|---|---|---|---|-------------|------|
| Test case 4: | check to see if 'title' field is<br>an editable field on the<br>'edit content' overlay. | 1. Go to edit content page using url: https://badger-timeline.infinit/freeapp.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                  | input string "asdf"<br>Here we are checking to see if the date<br>field is an editable field. The test data<br>includes:  |   | As expected | Pass |
| Test case 5: | check to see if 'front image ' button is clickable on the 'edit content' overlay        | Go to edit content page using url: https://badger-  | input string "asdf" Here we are checking to see if 'front image' section will prompt the user to choose a file from their device. The   | 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 '<br>button is clickable on the<br>'edit content' overlay   | 1. Go to edit content page using url: https://badger-timeline.infnityfreeapp.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.infinit/freeapp.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         |   |   | As expected | Pass |

| Test cases      | Scenario   | Test Steps  | Test Data   | Expected results  | Actual Results | Pass/Fa |
|-----------------|--|---|---|---|----------------|---------|
| PROFILE PAGE TI | ESTING (THIS PAGE IS FOR M                                   | · · · · · · · · · · · · · · · · · · ·                                 |   |   |                |         |
|                 |  | •   | Select 'War'  |   |                |         |
|                 |  | 4. Select a random option   | Select category button  |   |                |         |
|                 |  | Click on more 'select category'     button                            | 1918, 1939  |   |                |         |
|                 |  | 2. Click on more 'colort category'                                    | 1862, 1864, 1869, 1870, 1875, 1877,<br>1885, 1888, 1900, 1906, 1913, 1916,        | display 'war' on the menu selection bar.                                    |                |         |
|                 |  | 2. Click on all available dates in                                    | 1779, 1791, 1804, 1812, 1815, 1824,<br>1829, 1830, 1831, 1839, 1859, 1860,        | In this case, selecting 'war' will  |                |         |
|                 |  | (STATIC PAGE)   | <5000, 1500, 1749, 1764, 1769, 1775,  | history, and historical figures.  |                |         |
|                 | down menu  | timeline.infinityfreeapp.com/publi<br>c html/views/pages/content edit | includes:   | choices of transportation, european settlers, fishing industry, indigenious |                |         |
| Test case 11:   | check to see if 'select<br>category' field is a drop         | 1. Go to edit content page using url: https://badger-                 | Here we are checking to see if the date field is an editable field. The test data | The 'Select category' button is a drop down menu, and will display the      | As expected    | Pass    |
|                 |  |   | input "korean war"  |   |                |         |
|                 |  | 4. Input random string  | event title field   |   |                |         |
|                 |  | 3. Click on more 'event title' field                                  | 1885, 1888, 1900, 1906, 1913, 1916,<br>1918, 1939                                 |   |                |         |
|                 |  | the row   | 1862, 1864, 1869, 1870, 1875, 1877,   |   |                |         |
|                 |  | Click on all available dates in                                       | 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860,           |   |                |         |
|                 |  | c_html/views/pages/content_edit (STATIC PAGE)                         | All available dates: <5000, 1500, 1749, 1764, 1769, 1775,                         |   |                |         |
|                 | field is an editable field on<br>the 'edit content' overlay. | url: https://badger-<br>timeline.infinityfreeapp.com/publi            | field is an editable field. The test data includes:                               | field and will reflect the int value<br>"korean war"                        |                |         |
| Test case 10:   | check to see if 'event title'                                | 1. Go to edit content page using                                      | input int "9" Here we are checking to see if the date                             |   | As expected    | Pass    |
|                 |  | put ranuom mteger   |   |   |                |         |
|                 |  | Input random integer  | date marker field   |   |                |         |
|                 |  | Click on more 'sub event' field                                       | 1885, 1888, 1900, 1906, 1913, 1916,<br>1918, 1939                                 |   |                |         |
|                 |  | 2. Click on all available dates in the row                            | 1829, 1830, 1831, 1839, 1859, 1860,<br>1862, 1864, 1869, 1870, 1875, 1877,        |   |                |         |
|                 |  | (STATIC PAGE)   | <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824,          |   |                |         |
|                 | the 'edit content' overlay.                                  | timeline.infinityfreeapp.com/publi<br>c_html/views/pages/content_edit |   |   |                |         |
| Test case 9:    | check to see if 'sub event'<br>field is an editable field on | 1. Go to edit content page using url: https://badger-                 | Here we are checking to see if the date field is an editable field. The test data |   | As expected    | Pass    |
| Tost sass 0:    | chack to soo if look over-ti                                 |   | input string "asdf"   | The 'cub quant' field is an aditable  | As expected    | Dace    |
|                 |  | 4. Input random string  | date marker field   |   |                |         |
|                 |  | 3. Click on more 'date marker' field                                  | 1918, 1939  |   |                |         |
|                 |  | the row   | 1862, 1864, 1869, 1870, 1875, 1877,<br>1885, 1888, 1900, 1906, 1913, 1916,        |   |                |         |
|                 |  | 2. Click on all available dates in                                    | 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860,           |   |                |         |
|                 | overlay.   | c_html/views/pages/content_edit<br>(STATIC PAGE)                      | All available dates:<br><5000, 1500, 1749, 1764, 1769, 1775,                      |   |                |         |
|                 | marker' field is an editable<br>field on the 'edit content'  | url: https://badger-<br>timeline.infinityfreeapp.com/publi            |   | nero and will renect the string asor  |                |         |
| Test case 8:    | check to see if 'date  | 1. Go to edit content page using                                      | Here we are checking to see if the date   |   | As expected    | Pass    |
|                 |  | ,   | input string "asdf"   |   |                |         |
|                 |  | 4. Input random string  | more information field  |   |                |         |
|                 |  | 3. Click on more information field                                    | 1885, 1888, 1900, 1906, 1913, 1916,<br>1918, 1939                                 |   |                |         |
|                 |  | 2. Click on all available dates in the row                            | 1829, 1830, 1831, 1839, 1859, 1860,<br>1862, 1864, 1869, 1870, 1875, 1877,        |   |                |         |
|                 |  | (STATIC PAGE)   | <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824,          |   |                |         |
|                 | editable field on the 'edit content' overlay.                | timeline.infinityfreeapp.com/publi<br>c_html/views/pages/content_edit |   | string "asdf"   |                |         |
| Test case 7:    | check to see if 'more<br>information' field is an            | Go to edit content page using url: https://badger-                    | Here we are checking to see if the date field is an editable field. The test data | editable field and will reflect the   | As expected    | rass    |
| Tost case 7.    | shook to soo if Imoro  | 1. Co to adit content page using                                      | Here we are shocking to see if the date   | The 'mare information' field is an  | As expected    | Pass    |

Pass/Fail

| Test case 1: | checking if the edit content<br>page layout remains<br>consistent when the<br>window is resized | 1. Go to edit content page using url: Go to homepage using url: https://badger-timeline.infinityfreeapp.com/publi c_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<br>the profile section is<br>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:<br>Profile page<br>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   |   | Test data includes:<br>Timeline page<br>Edit button in the profile section<br>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/publi c_html/views/user/profile 2. Click on edit button 4. click on the field under "email" 5. Type "james"   | "Test data includes:<br>Profile Page<br>Edit button in the profile section<br>Field under 'Password'<br>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'<br>button on the profile page<br>is clickable                          | Go to homepage:     https://badger- timeline.infinityfreeapp.com/publi     c_html/views/user/profile      Click on edit button in the     profile section of page      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'<br>button on the profile page<br>is clickable  | Go to homepage:     https://badger- timeline.infinityfreeapp.com/publi c_html/views/user/profile      Click on edit button in the profile section of page      click on Reset  | Profile page<br>edit button<br>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'<br>button on the profile page<br>is clickable | Go to homepage:     https://badger- timeline.infinityfreeapp.com/publi     _html/views/user/profile      Click on edit button in the     profile section of page      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/publi c_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/publi c_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'<br>button on the profile page<br>is clickable   | 1. Go to homepage: https://badger- timeline.infinityfreeapp.com/publi c_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)

3. Click on 'visit now button'.

| HOMEPAGE T<br>Test cases | Scenario                 | Test Steps                         | Test Data        | Expected results                   | Actual Results | Pass/Fail |
|--------------------------|--------------------------|------------------------------------|------------------|------------------------------------|----------------|-----------|
|                          |                          | •                                  |                  | •                                  |                | •         |
| Test case 1:             | Check homepage visit now | 1. Go to homepage:                 | Homepage         | The 'visit now' button should lead | As expected    | Pass      |
|                          | buttons                  | https://badger-                    |                  | the user directly to the timeline  |                |           |
|                          |                          | timeline.infinityfreeapp.com/publi | Visit now button | page.                              |                |           |
|                          |                          | c_html/                            |                  |                                    |                |           |
|                          |                          | 2.Move mouse to hero section       |                  |                                    |                |           |
|                          |                          | portion of the website             |                  |                                    |                |           |

| Test case 2:                                 | Check 'home' link on<br>header   | Go to homepage:     https://badger- timeline.infinityfreeapp.com/publi     c_html/      Move mouse to header portion     of website   | 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<br>header   | 3. hover over 'home' link  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 TI<br>Test cases<br>Test case 1: | Scenario Check input requirements for the email field of the login section.  | Test Steps  1. Go to homepage using url: https://badger- timeline.infinityfreeapp.com/publi c_html/views/user/account  2. Go to login section   | Test Data 1. Log in page 2. Log in section of Log in page 3. 'password' field 4. input string: "LeeebronJames" | Expected results 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  | Actual Results<br>As expected | Pass/Fail<br>Pass |
| Test case 2:                                 | Check input requirements for the email field of the login section.   | 3. click sign in  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"              | required.  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<br>for the password field of<br>the login section. Using a<br>satisfactory string, but<br>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/publi c_html/views/user/account 2. Go to registration section 3. click sign up  | Log in page     Navigate to Sign Up section     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<br>for the sign up section by<br>only entering an input for<br>the 'Username' field and<br>leaving all other fields<br>empty                            | Go to homepage using url: https://badger- timeline.infinityfreeapp.com/publi c_html/views/user/account      Navigate to Sign Up section      Click on 'username' field      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<br>for the sign up section by<br>only entering an input for<br>the 'Username' field, Email<br>Field, and leaving all other<br>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 has an input 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 retype 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<br>for the sign up section<br>when all inputs on for all<br>fields conform to<br>requirements. | Go to homepage using url: https://badger- timeline.infinityfreeapp.com/publi c_html/views/user/account      Navigate to Sign Up section | Log in page Sign Up section username input: "goatjames"              | 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 | Pass |
|---------------|---|---|--|---|------|
|               |   | 3.Click on 'username' field   | email input: "leebron@goat.com"  password input: "MichaelJordanWho?" | positively by making the sign up button clickable.  |      |
|               |   | 4. input a string   | re-type password input:  |   |      |
|               |   | 5. Click on 'email field'   | "MichaelJordanWho?"  |   |      |
|               |   | 6. input a string   | sign up button   |   |      |
|               |   | 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   |  |   |      |

| TIMELINE PAG | E TESTING   |  |           |  |                |           |
|--------------|---|--|-----------|--|----------------|-----------|
| Test cases   | Scenario  | Test Steps   | Test Data | Expected results   | Actual Results | Pass/Fail |
| Test case 1: | Check alternating position of timeline photocards |  | . 0       | The photocards should oriented in a sequence of down, up, down, up, down, up,  | As expected    | Pass      |
| Test case 2: | Check chevrons                                    | Go to homepage:https://badgertimeline.infinityfreeapp.com/public_html/views/pages/timeline     Go to the timeline section  |           | The timeline should first shift right<br>by an incremental amount after<br>clicking the right chevron, then shift<br>left after clicking the left chevron. | As expected    | Pass      |
|              |   | Click on the right chevron     Click on the left chevron   |           |  |                |           |
| Test case 3: | Check dark mode feature                           | Go to homepage:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline     Go to the timeline section |           | Once the icon is clicked on, the timeline page appears darker, and the timeline stream is still visible and accessible.                                    | As expected    | Pass      |
|              |   | 3. click on moon icon  |           |  |                |           |

| Test case 4: | Check filter range feature       | 1. Go to homepage:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Go to the timeline section 3. click on funnel icon 4. input an int value into 'from' field 5. input an int value int 'to' field 6. click apply features |   | Here, the purpose of this test is to see how the system responds given an input range to filter from.  In this case, the timeline will hide all other points on the timeline except for the points that lie between 1804 to 1812 inclusively.                         | As expected | Pass |
|--------------|----------------------------------|---|---|---|-------------|------|
| Test case 5: | Check Select Category<br>feature | 1. Go to homepage:https://badgertimeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Go to the timeline section 3. Click on the Menu icon on the far right of the timeline 4. Select a category 5. Click apply                                |   | Here, the purpose of this test is to see how the system responds given an category to filter event.  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. | As expected | Pass |
| Test case 6: | Check photocard feature          | 1. Go to homepage:https://badgertimeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Go to the timeline section 3. Click on a point on the timeline   |   | A photocard should appear once a timeline point is clicked, and a photo should be visible.  | As expected | Pass |
| Test case 7: | Check hover feature              | 1. Go to homepage:https://badgertimeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Go to the timeline section 3. Click on a point on the timeline 4. hover over photocard using mouse   | 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 | 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 |

| Test case 8:                               | Check Text-to-Speech<br>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  |  | 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/publi c_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  |  | 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<br>feature on more<br>information     | 1. Go to timeline page:https://badger- timeline.infinityfreeapp.com/publi c_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                                 | page:https://badger-  | 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.                                | Go to timeline     page:https://badger- timeline.infinityfreeapp.com/publi     c_html/views/pages/timeline      Click on 'Edit' button  | Timeline page<br>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<br>Test cases<br>Test case 1: | PAGE TESTING (FOR ADMINS<br>Scenario<br>Check edit overlay | Test Steps 1. Go to edit content page: https://badger- timeline.infinityfreeapp.com/publi   | Test Data 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 | Expected results The title in the overlay should reflect the time period chosen.   | Actual Results<br>As expected | Pass/Fail<br>Pass |

| Test case 2:           | Check add timeline date feature    | Go to edit content page:     https://badger- timeline.infinityfreeapp.com/publi     c_html/views/pages/content_edit (STATIC PAGE)   | 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.  | As expected    | Pass       |
|------------------------|------------------------------------|---|--|--|----------------|------------|
|                        |                                    | 2. Click 'add event' button   |  | NOTE: the timeline itself won't reflect the change, as the data base isn't integrated yet.   |                |            |
| 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       |
|                        | TESTING (FOR MEMBERS ONI           |   | Tost Data  | Eurostad variable  | Actual Parents | Dass /F-:I |
| Test cases Test case 1 | Scenario<br>Check reset feature    | Test Steps 1. Go to profiile page:https://badger- timeline.infinityfreeapp.com/publi c_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 | Test Data Profile page edit icon  Username information: "asdf" Email information: "leebron@nbagoat.com password: "MichaelWho?" reset button  | Expected results Once the reset button is pressed, the information on the 'username', 'email', and 'password' field is erased.   | Actual Results | Pass/Fail  |
| Test case 2            | Check cancel feature               | 1. Go to profile page:https://badger- timeline.infinityfreeapp.com/publi c_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.  |                |            |
|                        |                                    | 4. CIICK CAIICEI  |  |  |                |            |
| 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 TESTI | NIC ON CURONAL CALAR | I FIDEFOY AND FE | CE/not incognite model |
|--------------------------|----------------------|------------------|------------------------|
|                          |                      |                  |                        |

| HOMEPAGE TO<br>Test cases | Scenario                                  | Test Steps   | Test Data                                    | Expected results  | Actual Results | Pass/Fail |
|---------------------------|---|--|--|---|----------------|-----------|
| Test case 1               | Check homepage when user is not logged in | Go to homepage:     https://badger- timeline.infinityfreeapp.com/publi     c_html/                           | Homepage                                     | If the user is not logged into an<br>account, the homepage should<br>reflect that fact and give the user the<br>option of logging in. | As expected    | Pass      |
|                           |   | 2. naivgate to header section  |  |   |                |           |
| Test case 2               | Check homepage when user is logged in     | 1. Go to homepage:<br>https://badger-<br>timeline.infinityfreeapp.com/publi<br>c_html/                       | 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      |
|                           |   | 2. naivgate to header section  |  |   |                |           |
| LOC IN DACE               | FECTING                                   |  |  |   |                |           |
| LOG IN PAGE 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:  | Log in page                                  | The system will give a successful   | As expected    | Pass      |
|                           |   | https://badger-  | Valid inputs for username, email, and        | message notification to the user:   |                |           |
|                           |   | c_html/views/user/account  | password fields                              | "Registration successful! You can now log in."  |                |           |
|                           |   | 2. enter valid inputs  |  |   |                |           |
|                           |   | 3. click sign up button  |  |   |                |           |
| Test case 2               | Check sign up feature using               | 1. Go to log in page:  | Log in page                                  | The system will give a unsuccessful   | As expected    | Pass      |
|                           | pre-existing email in the                 | https://badger-  |  | message notification to the user:   |                |           |
|                           | database                                  | timeline.infinityfreeapp.com/publi c_html/views/user/account   | A pre-existing email on the database         | "Registration failed. Please try  |                |           |
|                           |   | 3  | Valid inputs for username, password          | again."   |                |           |
|                           |   | enter an already pre-existing<br>email address in the database     enter rest of fields with valid<br>inputs | fields.                                      |   |                |           |
| Test case 3               | Check log in feature using                | 1. Go to log in page:  | Log in page                                  | User is successfully logged in and is   | As expected    | Pass      |
|                           | valid inputs                              | https://badger-<br>timeline.infinityfreeapp.com/publi<br>c_html/views/user/account                           | Valid inputs for email, and password fields  | redirected back to the homepage   |                |           |
|                           |   | enter valid inputs on the log in fields  | Click 'sign in' button                       |   |                |           |
|                           |   | Heius  |  |   |                |           |
| Test case 4               | Check log in feature using invalid email  | Go to log in page:     https://badger-   | Log in page                                  | System should display an error message "Invalid username"   | As expected    | Pass      |
|                           | aid Cindii                                | timeline.infinityfreeapp.com/publi<br>c_html/views/user/account  | invalid email:<br>"mjnotthegoatfr@fraud.com" |   |                |           |
|                           |   | 2. enter invalid email on the email field  | valid password: "lebronDaGoat23!"            |   |                |           |
|                           |   | 3. enter valid password  |  |   |                |           |
|                           |   |  |  |   |                |           |
| Test case 5               | Check log in feature using                | 1. Go to log in page:  | Log in page                                  | System should display an error  | As expected    | Pass      |
|                           | invalid password                          | https://badger-<br>timeline.infinityfreeapp.com/publi<br>c_html/views/user/account                           |  | message "Invalid username or<br>password"   |                |           |
|                           |   | 2. enter valid email on the email  | invalid password: "mjDaGoat23!"              |   |                |           |
|                           |   | field  |  |   |                |           |
|                           |   | 3. enter invalid password  |  |   |                |           |
|                           |   |  |  |   |                |           |

| Test case 6                | Check reset password feature         | 1. Go to log in page: https://badger- timeline.infinityfreeapp.com/public_html/views/user/account  2. Click on 'verify email and reset your password' link  3. enter email address used in sign up  4. go to email, and click link sent, and change password | Log in page  'verify email and reset your password' link  valid email:  "dakidfromakron23@gmail.com"  new valid password  | 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      |
|----------------------------|--------------------------------------|--|---|---|----------------|-----------|
| TIMELING                   | CE TECTING                           |  |   |   |                |           |
| TIMELINE PAG<br>Test cases | Scenario                             | Test Steps   | Test Data   | Expected results  | Actual Results | Pass/Fail |
| Test case 1                | Check all timeline points            | Go to log in page:     https://badger- timeline.infinityfreeapp.com/publi c_html/views/pages/timeline  | 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,                              | each timeline point reflects its own respective data from the data base.  | As expected    | Pass      |
| Test case 2:               | Check Select Category<br>feature     | 1. Go to homepage:https://badger timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Go to the timeline section 3. Click on the Menu icon on the far right of the timeline 4. Select a category 5. Click apply                                  |   | Here, the purpose of this test is to see how the system responds given an category to filter event.  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.  In this case, the points that are relevant to war events will be displayed, such as: 1791, 1812, 1815, and 1916. | As expected    | Pass      |
| Test case 3                | Check user access for timeline page  | Using a admin account, go to log in page: https://badgertimeline.infinityfreeapp.com/public_html/views/pages/timeline     verify that the 'view and edit button is not visible   | 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 | The view and edit button are not visible, when accessing the timeline using a regular account or no account.  This is because regular users and member do not have the privilege of editing the content on the timeline.  | As expected    | Pass      |
| Test case 3                | Check admin access for timeline page | Using a admin account, go to log in page: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline     verify that the 'view and edit button is visible  | 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 | The view and edit button are visible, when accessing the timeline using a admin account.  This is because only admins have the privilege of editing the content on the timeline.  | As expected    | Pass      |
| EDIT CONTEN                | T PAGE TESTING (FOR ADMIN            | S ONLY)  |   |   |                |           |
| Test cases                 | Scenario                             | Test Steps   | Test Data   | Expected results  | Actual Results | Pass/Fail |

| Test case 1 | Check all timeline points         | c_html/views/pages/edit_content | 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. |             | Pass |
|-------------|-----------------------------------|---------------------------------|---|---|-------------|------|
| Test case 2 | Check date edit feature           | c_html/views/pages/edit_content | 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          | c_html/views/pages/edit_content | 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<br>feature | c_html/views/pages/edit_content | 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,   | The change is reflected onto the timeline.  | As expected | Pass |
| Test case 5 | Check back-image edit<br>feature  | c_html/views/pages/edit_content | 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         | edit content page: https://badger-<br>timeline.infinityfreeapp.com/publi<br>c_html/views/pages/edit_content | 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      | c_html/views/pages/edit_content   | 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 | c_html/views/pages/edit_content   | 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<br>feature   | c_html/views/pages/edit_content   | 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<br>feature  | $c\_html/views/pages/edit\_content$   | 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<br>feature | edit content page: https://badger-<br>timeline.infinityfreeapp.com/publi<br>c_html/views/pages/edit_content | 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     | edit content page: https://badger-<br>timeline.infinityfreeapp.com/publi<br>c_html/views/pages/edit_content | 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 |

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

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

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

| Test case 2: | checking if homepage<br>layout remains consistent<br>when the window is in 75%<br>screen. | Go to homepage using url:     https://badger- timeline.infinityfreeapp.com/public_html/      Open window to full screen      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. 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<br>layout remains consistent<br>when the window is 50%<br>screen.    | Go to homepage using url:     https://badger- timeline.infinityfreeapp.com/public_html/     Open window to full screen     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. 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<br>layout remains consistent<br>when the window is 25%<br>screen.    | Go to homepage using url: https://badger- timeline.infinityfreeapp.com/public_html/     Open window to full screen     manually drag window screen to decrease size until it stops.                              | Seeing how the homepage will look<br>when the size of the window is:<br>100% of the screen<br>75% of the screen<br>50% of the screen<br>25% of the screen   | homepage layout remains consistent throughout.   | As expected | Pass |
| Test case 5: | Check homepage visit now buttons  | Go to homepage:     https://badger- timeline.infinityfreeapp.com/public_html/      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<br>header  | Go to homepage: https://badger- timeline.infinityfreeapp.com/public_html/      Move mouse to header portion of website      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<br>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<br>layout remains consistent<br>when the window is in full<br>screen. | Go to homepage using url:     https://badger- timeline.infinityfreeapp.com/publi c_html/views/user/account      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<br>the page is layed out in a sequential<br>order, where the 'log in' portion is to<br>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<br>layout remains consistent<br>when the window is 50%<br>screen.            | Go to homepage using url:     https://badger- timeline.infinityfreeapp.com/publi c_html/views/user/account      Open window to full screen      manually drag window screen to decrease size until it reaches     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<br>layout remains consistent<br>when the window is 25%<br>screen.            | Go to homepage using url: https://badger- timeline.infinityfreeapp.com/publi c_html/views/user/account      Open window to full screen      manually drag window screen to decrease size until it reaches     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.                     | Go to homepage using url:     https://badger- timeline.infinityfreeapp.com/publi c_html/views/user/account      Click on the email field      Input a string  | Log in page     Log in section of Log in page     'email' field     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.                  | Go to homepage using url:     https://badger- timeline.infinityfreeapp.com/publi     _html/views/user/account      Go to 'log in' section of page      Click on the log field      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'<br>button on the log in page is<br>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/publi c_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: | password' field in the sign   | 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 to see if 'sign up'<br>button on the log in page is<br>clickable            | 1. Go to homepage: https://badger- timeline.infinityfreeapp.com/publi c_ntml/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<br>As expected<br>As expected<br>As expected | Pass<br>Pass<br>Pass<br>Pass |

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

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

| Test case 11: | Check if the buttons for exit  | Go to edit content page using   | Test data includes:  | The 'close' and 'x' button should   | As expected | Pass |
|---------------|--|---|--|---|-------------|------|
|               | command on the filter range feature is clickable   | url: Go to homepage using<br>url:https://badger-<br>timeline.infinityfreeapp.com/publi<br>c_html/views/pages/timeline                     | Timeline page funnel icon                                    | both be clickable.  |             |      |
|               |  | click on the funnel icon above     the timeline window  | 'close' button 'x' button                                    |   |             |      |
|               |  | 3. Use mouse to hover over 'close'  |  |   |             |      |
|               |  | 4. Use mouse to hover over 'x'  |  |   |             |      |
| Test case 12: | Check if the 'apply filter'<br>button on on the filter<br>range feature is clickable         | 1. Go to edit content page using url: Go to homepage using url:https://badger-  | Test data includes:<br>Timeline page                         | The 'apply filter' button should appear clickable.  | As expected | Pass |
|               |  | timeline.infinityfreeapp.com/publi<br>c_html/views/pages/timeline   | apply filter button  | NOTE: this test case isnt to check if<br>the button will apply changes to the<br>timeline. It's just to see if the button   |             |      |
|               |  | click on the funnel icon above     the timeline window  |  | is clickable.   |             |      |
|               |  | 3. Use mouse to hover over 'apply filter'   |  |   |             |      |
| Test case 13: | Check to see if the 'dark mode' icon is functional   | Go to edit content page using url: Go to homepage using url:https://badger-   | Test data includes:<br>Timeline page                         | Once the 'dark mode' is applied, the whole timeline page should appear darker.  | As expected | Pass |
|               |  | timeline.infinityfreeapp.com/publi<br>c_html/views/pages/timeline   | moon icon timeline   | Note: during this unit test, the timeline stream IS NOT visible.  |             |      |
|               |  | 3. Use mouse to hover over the moon icon  | штете  | unienne su ean 13 NOT visible.  |             |      |
|               |  | 4. Click on the moon icon   |  |   |             |      |
| Test case 14: | Check select category feature icon   | Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/publi                             | Test data includes: Timeline page                            | An overlay regarding the 'select category' feature should appear.  In this overlay, interactable elements   | As expected | Pass |
|               |  | c_html/views/pages/timeline  2. use mouse to hover over the   | mena teon  | should be present such as the category drop menu, close button, apply button, exit button.  |             |      |
|               |  | menu icon next to the funnel icon  3. click on the menu icon  |  | oppry section, extraorder.  |             |      |
|               |  | 5. Click off the menu icon  |  |   |             |      |
| Test case 15: | Check category drop-menu<br>on the 'select category'<br>overlay                              | Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/publi c_html/views/pages/timeline | Test data includes:<br>Timeline page<br>Select category icon | Once the 'all categories' menu is pressed, a drop down menu should appear with the choices: transportation, european settlers, fishing industry, indigenious history, | As expected | Pass |
|               |  | 2. Click on the select category icon on the timeline page   | all category drop down menu                                  | and historical figures  |             |      |
|               |  | 3. Select the all category drop down menu   |  |   |             |      |
| Test case 16: | Check if the buttons for exit<br>command on the 'select<br>category' overlay is<br>clickable |   | Test data includes:<br>Timeline page<br>menu icon            | The 'close' and 'x' button should both be clickable.  | As expected | Pass |
|               |  | click on the menu icon above     the timeline window  | 'close' button 'x' button                                    |   |             |      |
|               |  | Use mouse to hover over 'close'   |  |   |             |      |
|               |  | 4. Use mouse to hover over 'x'  |  |   |             |      |
|               |  |   |  |   |             |      |

| Test case 17: | Check if the 'apply filter'<br>button on on the 'select<br>category' overlay is<br>clickable    | Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline     click on the menu icon above the timeline window  | 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'<br>button on on the 'select<br>category' overlay is<br>clickable    | 1. Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/publi c_html/views/pages/timeline 2. click on the menu icon above the timeline window 3. Use mouse to hover over 'apply' button | 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<br>above the timeline page is<br>visible and clickable.              | Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/publi c_html/views/pages/timeline     Use mouse to hover over 'apply' 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  | Go to edit content page using url: Go to homepage using url:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline     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      |
| Test cases    | NG PAGE TESTING (THIS PAGE<br>Scenario  | Test Steps   | Test Data  | Expected results  | Actual Results | Pass/Fail |
| Test case 1:  | checking if the edit content<br>page layout remains<br>consistent when the<br>window is resized | (STATIC PAGE)  2. Open window to full screen  3. Resize window to 75% 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:  | column are all clickable and  | 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                                 | of all available dates from the base   | 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<br>an editable field on the<br>'edit content' overlay.    | Go to edit content page using url: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/content_edit (STATIC PAGE)      Click on all available dates in the row      Click on date field   |   |   | As expected | Pass |
|--------------|---|---|---|---|-------------|------|
| Test case 4: | check to see if 'title' field is<br>an editable field on the<br>'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  |   |   | 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 | Title Field  input string "asdf" 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 '<br>button is clickable on the<br>'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/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           |   |   | As expected | Pass |

| Test cases     | Scenario  | Test Steps  | Test Data  | Expected results  | Actual Results | Pass/Fa |
|----------------|---|---|--|---|----------------|---------|
| PROFILE PAGE T | ESTING (THIS PAGE IS FOR M  | EMBERS ONLY)  |  |   |                |         |
|                |   |   | Select 'War'   |   |                |         |
|                |   | 4. Select a random option   | Select category button   |   |                |         |
|                |   | 3. Click on more 'select category' button   | 1918, 1939   |   |                |         |
|                |   | the row   | 1862, 1864, 1869, 1870, 1875, 1877,<br>1885, 1888, 1900, 1906, 1913, 1916,                                   | In this case, selecting 'war' will display 'war' on the menu selection bar. |                |         |
|                |   | (STATIC PAGE)  2. Click on all available dates in   | <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, | history, and historical figures.  In this case, selecting 'war' will        |                |         |
|                | down menu   | timeline.infinityfreeapp.com/publi<br>c_html/views/pages/content_edit   | includes:<br>All available dates:  | choices of transportation, european settlers, fishing industry, indigenious |                |         |
| Test case 11:  | check to see if 'select<br>category' field is a drop  | Go to edit content page using url: https://badger-  | input "korean war"<br>Here we are checking to see if the date<br>field is an editable field. The test data   | The 'Select category' button is a drop down menu, and will display the      | As expected    | Pass    |
|                |   | 4. Input random string  | event title field  |   |                |         |
|                |   | 3. Click on more 'event title' field  | 1885, 1888, 1900, 1906, 1913, 1916,<br>1918, 1939  |   |                |         |
|                |   | 2. Click on all available dates in the row  | 1829, 1830, 1831, 1839, 1859, 1860,<br>1862, 1864, 1869, 1870, 1875, 1877,                                   |   |                |         |
|                |   | c_html/views/pages/content_edit<br>(STATIC PAGE)  | All available dates: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 1812, 1815, 1824,                |   |                |         |
|                | field is an editable field on<br>the 'edit content' overlay.                                | url: https://badger-<br>timeline.infinityfreeapp.com/publi  |  | field and will reflect the int value<br>"korean war"                        |                |         |
| Test case 10:  | check to see if 'event title'   | Go to edit content page using   | input int "9"<br>Here we are checking to see if the date   |   | As expected    | Pass    |
|                |   | 4. Input random integer   | date marker field  |   |                |         |
|                |   | 3. Click on more 'sub event' field  | 1885, 1888, 1900, 1906, 1913, 1916,<br>1918, 1939  |   |                |         |
|                |   | 2. Click on all available dates in the row  | 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 1870, 1875, 1877,  |   |                |         |
|                |   | c_html/views/pages/content_edit<br>(STATIC PAGE)  | <5000, 1500, 1749, 1764, 1769, 1775,   |   |                |         |
| Test case 9:   | check to see if 'sub event'<br>field is an editable field on<br>the 'edit content' overlay. | <ol> <li>Go to edit content page using<br/>url: https://badger-<br/>timeline.infinityfreeapp.com/publi</li> </ol> | Here we are checking to see if the date field is an editable field. The test data includes:                  |   | As expected    | Pass    |
| Tt 0           | ahaalisa aasisti oo oo oo   | 4. Input random string  | input string "asdf"  | The lash accept falls   | A              | D       |
|                |   | field   | date marker field  |   |                |         |
|                |   | the row  3. Click on more 'date marker'   | 1862, 1864, 1869, 1870, 1875, 1877,<br>1885, 1888, 1900, 1906, 1913, 1916,<br>1918, 1939                     |   |                |         |
|                |   | Click on all available dates in   | 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860,                                      |   |                |         |
|                | overlay.  | c_html/views/pages/content_edit<br>(STATIC PAGE)  |  |   |                |         |
| Test case 8:   | check to see if 'date<br>marker' field is an editable<br>field on the 'edit content'        | <ol> <li>Go to edit content page using<br/>url: https://badger-<br/>timeline.infinityfreeapp.com/publi</li> </ol> | Here we are checking to see if the date field is an editable field. The test data includes:                  |   | As expected    | Pass    |
|                |   | · -   | input string "asdf"  |   |                |         |
|                |   | <ul><li>3. Click on more information field</li><li>4. Input random string</li></ul>                               | more information field   |   |                |         |
|                |   | the row   | 1862, 1864, 1869, 1870, 1875, 1877,<br>1885, 1888, 1900, 1906, 1913, 1916,                                   |   |                |         |
|                |   | Click on all available dates in   | 1779, 1791, 1804, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860,                                      |   |                |         |
|                | editable field on the 'edit content' overlay.   | timeline.infinityfreeapp.com/publi<br>c_html/views/pages/content_edit<br>(STATIC PAGE)                            |  | string "asdf"   |                |         |
| Test case 7:   | check to see if 'more<br>information' field is an   | 1. Go to edit content page using url: https://badger-   | Here we are checking to see if the date field is an editable field. The test data                            | editable field and will reflect the   | As expected    | Pass    |
|                |   |   |  |   |                |         |

Pass/Fail

| Test case 1: | checking if the edit content<br>page layout remains<br>consistent when the<br>window is resized | 1. Go to edit content page using url: Go to homepage using url: https://badger-timeline.infinityfreeapp.com/publi c_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<br>the profile section is<br>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:<br>Profile page<br>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   |   | Test data includes:<br>Timeline page<br>Edit button in the profile section<br>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/publi c_html/views/user/profile 2. Click on edit button 4. click on the field under "email" 5. Type "james"   | "Test data includes:<br>Profile Page<br>Edit button in the profile section<br>Field under 'Password'<br>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'<br>button on the profile page<br>is clickable                          | Go to homepage:     https://badger- timeline.infinityfreeapp.com/publi     c_html/views/user/profile      Click on edit button in the     profile section of page      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        | Go to homepage:     https://badger- timeline.infinityfreeapp.com/publi c_html/views/user/profile      Click on edit button in the profile section of page      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'<br>button on the profile page<br>is clickable | Go to homepage:     https://badger- timeline.infinityfreeapp.com/publi     c_html/views/user/profile      C.Click on edit button in the     profile section of page      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/publi c_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/publi c_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/publi c_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)

3. Click on 'visit now button'.

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

| Test case 2:  | Check 'home' link on<br>header                      | Go to homepage:     https://badger- timeline.infinityfreeapp.com/public_html/      | Homepage 'home' link on the header                     | The 'home' link should lead the user directly back to the homepage             | As expected    | Pass      |
|---------------|---|--|--|--|----------------|-----------|
|               |   | 2.Move mouse to header portion of website  |  |  |                |           |
|               |   | 3. hover over 'home' link  |  |  |                |           |
| Test case 3:  | Check 'log in' link on<br>header                    | Go to homepage:     https://badger- timeline.infinityfreeapp.com/publi     c_html/ | 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      |
|               |   | 2.Move mouse to header portion of website  |  |  |                |           |
|               |   | 3. hover over 'log in' link  |  |  |                |           |
| LOG IN PAGE T | FSTING  |  |  |  |                |           |
| 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 | Go to homepage using url:     https://badger-                                      | 1. Log in page   | Here, the purpose of this test is to see how the system responds when          | As expected    | Pass      |
|               | login section.                                      | timeline.infinityfreeapp.com/publi   | 2. Log in section of Log in page                       | the email field and password field is  |                |           |
|               |   | c_html/views/user/account  | 3. 'password' field                                    | left blank.  |                |           |
|               |   | 2. Go to login section   |  | The system should respond by telling   |                |           |
|               |   | 3. click sign in   | 4. input string: "LeeebronJames"                       | the user that the email field is required.                                     |                |           |
| Test case 2:  | Check input requirements                            | Go to homepage using url:  | 1. Log in page   | Here, the purpose of this test is to   | As expected    | Pass      |
| 1051 0050 2.  | for the email field of the                          | https://badger-  |  | see how the system responds when a   |                | . 435     |
|               | login section.                                      | timeline.infinityfreeapp.com/publi<br>c_html/views/user/account                    | 2. Log in section of Log in page                       | string that does not contain an '@'<br>symbol is used as an input on the       |                |           |
|               |   |  | 3. 'email' field                                       | email field.   |                |           |
|               |   | 2.Click on the email field   | 4. input string: "LeeebronJames"                       | The system should tell you that an   |                |           |
|               |   | 3. Input a string not containing an  |  | '@' symbol is required within the  |                |           |
|               |   | '@'  |  | input string   |                |           |
|               |   |  |  |  |                |           |
| Test case 3:  | Check input requirements for the email field of the | Go to homepage using url:     https://badger-                                      | 1. Log in page   | Here, the purpose of this test is to see how the system responds when a        | As expected    | Pass      |
|               | login section.                                      | timeline.infinityfreeapp.com/publi   | 2. Log in section of Log in page                       | string with an'@' symbol and empty   |                |           |
|               |   | c_html/views/user/account  | 3. 'email' field                                       | space after, is used as an input   |                |           |
|               |   | 2.Click on the email field   |  | In this case, the system should tell   |                |           |
|               |   | 3. Input a string containing '@'   | 4. input string: "KD@"                                 | you that the following input "KD@" is incomplete.                              |                |           |
|               |   | symbol and nothing else following  |  | •  |                |           |
|               |   |  |  |  |                |           |
|               |   |  |  |  |                |           |
| Test case 4:  | Check input requirements for the password field of  | Go to homepage using url:     https://badger-                                      | 1. Log in page   | Here, the purpose of this test is to see how the system responds when a        | As expected    | Pass      |
|               | the login section. Using a                          | timeline.infinityfreeapp.com/publi   | 2. Log in section of Log in page                       | satisfying string is used as an input  |                |           |
|               | satisfactory string, but empty password.            | c_html/views/user/account  | 3. 'email' field                                       | on the email field, but the password field is left purposefully empty.         |                |           |
|               | Empty passivoral                                    | 2.Click on the email field   |  |  |                |           |
|               |   | Input a string that conforms to requirements.                                      | 4. input string: "LeeebronJames@goat.com"              | The system should tell the user that the password field is required.           |                |           |
|               |   | ·  |  |  |                |           |
|               |   | 4. leave the password field empty.   |  |  |                |           |
|               |   |  |  |  |                |           |
| Test case 5:  | Check input requirements                            | 1. Go to homepage using url:   | 1. Log in page   | Here, the purpose of this test is to   | As expected    | Pass      |
|               | for the sign up section by                          | https://badger-  |  | see how the system responds when   | -              |           |
|               | leaving all fields blank.                           | timeline.infinityfreeapp.com/publi<br>c_html/views/user/account                    | 2. Navigate to Sign Up Section                         | all fields are left blank during the sign up process.                          |                |           |
|               |   |  | 3. Sign Up button                                      |  |                |           |
|               |   | 2. Go to registration section  |  | The system should respond by prevent the user from signing up by               |                |           |
|               |   | 3. click sign up   |  | making the sign up button unclickable.   |                |           |
|               |   |  |  |  |                |           |

| Test case 6: | Check input requirements<br>for the sign up section by<br>only entering an input for<br>the 'Username' field and<br>leaving all other fields<br>empty                            | Go to homepage using url: https://badger- timeline.infinityfreeapp.com/publi c_html/views/user/account      Navigate to Sign Up section      Click on 'username' field      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<br>for the sign up section by<br>only entering an input for<br>the 'Username' field, Email<br>Field, and leaving all other<br>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 has an input 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 retype 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<br>for the sign up section<br>when all inputs on for all<br>fields conform to<br>requirements. |
|---------------|---|
|               |   |

TIMELINE PAGE TESTING

| 1. Go to homepage using url:         | Log in page                 |
|--------------------------------------|-----------------------------|
| https://badger-                      |                             |
| timeline.infinity free app.com/publi | Sign Up section             |
| c_html/views/user/account            |                             |
|                                      | username input: "goatjames" |

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

Pass

The system should respond by positively by making the sign up button clickable.

3.Click on 'username' field password input: "MichaelJordanWho?"

re-type password input:
5. Click on 'email field' "MichaelJordanWho?"

email input: "leebron@goat.com"

6. input a string sign up button

7. click on password field

4. input a string

8. input a string that conforms to requirements

2. Navigate to Sign Up section

9. click on re-type password field

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

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

| Test case 4: | Check filter range feature       | 1. Go to homepage:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Go to the timeline section 3. click on funnel icon 4. input an int value into 'from' field 5. input an int value int 'to' field 6. click apply features |   | Here, the purpose of this test is to see how the system responds given an input range to filter from.  In this case, the timeline will hide all other points on the timeline except for the points that lie between 1804 to 1812 inclusively.                         | As expected | Pass |
|--------------|----------------------------------|---|---|---|-------------|------|
| Test case 5: | Check Select Category<br>feature | 1. Go to homepage:https://badgertimeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Go to the timeline section 3. Click on the Menu icon on the far right of the timeline 4. Select a category 5. Click apply                                |   | Here, the purpose of this test is to see how the system responds given an category to filter event.  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. | As expected | Pass |
| Test case 6: | Check photocard feature          | 1. Go to homepage:https://badgertimeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Go to the timeline section 3. Click on a point on the timeline   |   | A photocard should appear once a timeline point is clicked, and a photo should be visible.  | As expected | Pass |
| Test case 7: | Check hover feature              | 1. Go to homepage:https://badgertimeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Go to the timeline section 3. Click on a point on the timeline 4. hover over photocard using mouse   | 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 | 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 |

| c_html/views/pages/timeline 2. Go to the timeline section 3. Click on a point on the timeli 4. hover over card 5. click on the more informatic icon 6. click on the text-to-speak button ine feature 1. Go to timeline page:https://badger-  | Speak button  Timeline page  ubli Line between timeline points: 1804 - 1812  | 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.  A subtime line overlay is revealed to the user, which contains a multitude of photos for the user to look over.  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 Pass  |
|--|--|---|--|--|
| page:https://badger- timeline.infinityfreeapp.com/pi c_html/views/pages/timeline  2. Go to the timeline section  3. Click on a point on the timeli  4. hover over card  5. click on the more informatic icon  6. click on the text-to-speak button  ine feature  1. Go to timeline page:https://badger- timeline.infinityfreeapp.com/pi c_html/views/pages/timeline  2. Go to space between 1804 - 1812  3. Click on line between the two points  ent feature.  1. Go to timeline page:https://badger- timeline.infinityfreeapp.com/pi c_html/views/pages/timeline | ubli Timeline points: <5000, 1839, 1870, 1888, 1906, more information icon appears to be with three dots.  speak button  Timeline page ubli Line between timeline points: 1804 - 1812  | 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.  A subtime line overlay is revealed to the user, which contains a multitude of photos for the user to look over.  The system will direct the user to the 'edit content' page where the user is   | As expected  | Pass   |
| page:https://badger- timeline.infinityfreeapp.com/pi c_html/views/pages/timeline  2. Go to the timeline section  3. Click on a point on the timeli 4. hover over card  5. click on the more informatic icon  6. click on the text-to-speak button  ine feature  1. Go to timeline page:https://badger- timeline.infinityfreeapp.com/pi c_html/views/pages/timeline  2. Go to space between 1804 - 1812  3. Click on line between the two points  ent feature.  1. Go to timeline page:https://badger- timeline.infinityfreeapp.com/pi                              | ubli Timeline points: <5000, 1839, 1870, 1888, 1906, more information icon appears to be with three dots.  speak button  Timeline page ubli Line between timeline points: 1804 - 1812  | 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.  A subtime line overlay is revealed to the user, which contains a multitude of photos for the user to look over.  The system will direct the user to the 'edit content' page where the user is   | As expected  | Pass   |
| page:https://badger- timeline.infinityfreeapp.com/pi c_html/views/pages/timeline  2. Go to the timeline section  3. Click on a point on the timeli 4. hover over card  5. click on the more informatic icon  6. click on the text-to-speak button  ine feature  1. Go to timeline page:https://badger- timeline.infinityfreeapp.com/pi c_html/views/pages/timeline  2. Go to space between 1804 - 1812  3. Click on line between the two   | ubli Timeline points: <5000, 1839, 1870, 1888, 1906,  more information icon appears to be with three dots.  ne Speak button  Timeline page ubli Line between timeline points: 1804 - 1812  | 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.  A subtime line overlay is revealed to the user, which contains a multitude  |  |  |
| page:https://badger- timeline.infinityfreeapp.com/pi c_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  ine feature 1. Go to timeline page:https://badger- timeline.infinityfreeapp.com/pi c_html/views/pages/timeline  2. Go to space between 1804 -  | ubli Timeline points: <5000, 1839, 1870, 1888, 1906,  more information icon appears to be with three dots.  ne Speak button  Timeline page ubli Line between timeline points: 1804 -   | 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.  A subtime line overlay is revealed to the user, which contains a multitude  |  |  |
| page:https://badger- timeline.infinityfreeapp.com/pi c_html/views/pages/timeline  2. Go to the timeline section  3. Click on a point on the timeli 4. hover over card  5. click on the more informatic icon  6. click on the text-to-speak button  ine feature  1. Go to timeline page:https://badger- timeline.infinityfreeapp.com/pi   | ubli Timeline points: <5000, 1839, 1870, 1888, 1906,  more information icon appears to be with three dots.  ne Speak button  Timeline page ubli Line between timeline points: 1804 -   | 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.  A subtime line overlay is revealed to the user, which contains a multitude  |  |  |
| page:https://badger- timeline.infinityfreeapp.com/pi c_html/views/pages/timeline  2. Go to the timeline section  3. Click on a point on the timeli  4. hover over card  5. click on the more informatic icon  6. click on the text-to-speak  | ubli Timeline points: <5000, 1839, 1870, 1888, 1906,  more information icon appears to be with three dots.  ne Speak button  | on the bottom of the timeline, there is an additional option for text-to-speech which reads aloud the more-   | As expected  | Pass   |
| page:https://badger- timeline.infinityfreeapp.com/pi c_html/views/pages/timeline  2. Go to the timeline section  3. Click on a point on the timeli  4. hover over card  5. click on the more informatic  | ubli Timeline points: <5000, 1839, 1870, 1888, 1906,  more information icon appears to be with three dots.  ne Speak button  | on the bottom of the timeline, there is an additional option for text-to-speech which reads aloud the more-   | As expected  | Pass   |
| page:https://badger- timeline.infinityfreeapp.com/pi c_html/views/pages/timeline  2. Go to the timeline section  3. Click on a point on the timeli   | ubli Timeline points: <5000, 1839, 1870, 1888, 1906,  more information icon appears to be with three dots.   | on the bottom of the timeline, there is an additional option for text-to-speech which reads aloud the more-   | As expected  | Pass   |
| page:https://badger-<br>timeline.infinityfreeapp.com/pi<br>c_html/views/pages/timeline<br>2. Go to the timeline section  | ubli Timeline points: <5000, 1839, 1870, 1888, 1906,  more information icon appears to be with three dots.   | on the bottom of the timeline, there is an additional option for text-to-speech which reads aloud the more-   | As expected  | Pass   |
| page:https://badger-<br>timeline.infinityfreeapp.com/pi<br>c_html/views/pages/timeline   | ubli Timeline points: <5000, 1839, 1870, 1888, 1906,   | on the bottom of the timeline, there is an additional option for text-to-speech which reads aloud the more-   | As expected  | Pass   |
| page:https://badger-<br>timeline.infinityfreeapp.com/pi  | ubli Timeline points: <5000, 1839, 1870,   | on the bottom of the timeline, there is an additional option for text-to-   | As expected  | Pass   |
|  | Timeline page  |   | As expected  | Pass   |
|  |  |   |  |  |
| 5. click on the more information   | n  |   |  |  |
| 4. hover over card   |  | bottom.   |  |  |
| 3. Click on a point on the timeli  |  | extensive amount of text  |  |  |
| 2. Go to the timeline section  | more information icon appears to be  |   |  |  |
|  |  | will be an option for more information highlighted by a icon  | As expected  | Pass   |
|  |  |   |  |  |
| 5. click on the speaker icon   | speaker icon   |   |  |  |
| 4. hover over card   |  |   |  |  |
| 3. Click on a point on the timeli  | ne 1870, 1875, 1877, 1885, 1888, 1900,   | to the user.  |  |  |
| 2. Go to the timeline section  | 1812, 1815, 1824, 1829, 1830, 1831,  | pressed, the text is then read aloud  |  |  |
| c_html/views/pages/timeline  | Timeline points: <5000, 1500, 1749,  |   |  |  |
|  | timeline.infinityfreeapp.com/pc c_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  1. Go to homepage:https://badtimeline.infinityfreeapp.com/pcc_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 | timeline.infinityfreeapp.com/publi c_html/views/pages/timeline Timeline points: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1894, 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 3. Click on a point on the timeline 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 4. hover over card 5. click on the speaker icon  1. Go to homepage:https://badger- timeline.infinityfreeapp.com/publi c_html/views/pages/timeline Chtml/views/pages/timeline Timeline points: <5000  2. Go to the timeline section more information icon appears to be with three dots. 3. Click on a point on the timeline 4. hover over card 5. click on the more information | timeline.infinityfreeapp.com/publi c_html/views/pages/timeline 2. Go to the timeline section 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 3. Click on a point on the timeline 1870, 1875, 1877, 1885, 1888, 1900, 1906, 1913, 1916, 1918, 1939 4. hover over card 5. click on the speaker icon  1. Go to homepage:https://badger- timeline.infinityfreeapp.com/publi c_html/views/pages/timeline 1. Go to the timeline section  7. Go to the timeline section  8. Click on a point on the 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 5. click on the more information 6. Click on the more information 7. Click on the more information 8. Click on the more information 9. Click on the timeline 9. Click on the text-to-speech con is pressed, the text is then read aloud to the user.  9. Click on the text-to-speech con is pressed, the text is then read aloud to the user.  9. Click on the text-to-speech con is pressed, the text is then read aloud to the user.  9. Click on the text-to-speech con is pressed, the text is then read aloud to the user.  9. Click on the text-to-speech con is pressed, the text is then read aloud to the user.  9. Click on the text-to-speech con is pressed, the text is then read aloud to the user.  9. Click on the text-to-speech con is pressed, the text is then read aloud to the user.  9. Click on the text-to-speech con is pressed, the text is then read aloud to the user.  9. Click on the text-to-speech con is pressed, the text is then read aloud to the user.  9. Click on the text-to-speech | timeline.infinityfreeapp.com/publi c_html/views/pages/timeline Timeline points: <5000, 1500, 1749, 1764, 1769, 1775, 1779, 1791, 1804, 2. Go to the timeline section 1812, 1815, 1824, 1829, 1830, 1831, 1839, 1859, 1860, 1862, 1864, 1869, 3. Click on a point on the timeline 4. hover over card  1. Go to homepage:https://badger Timeline page timeline.infinityfreeapp.com/publi c_html/views/pages/timeline Chtml/views/pages/timeline Timeline points: <5000  more information icon appears to be with three dots.  1. Go to the timeline section  Timeline points: <5000  more information icon appears to be with three dots.  2. Go to the timeline section  3. Click on a point on the timeline 4. hover over card  5. click on the more information  5. click on the more information  5. click on the more information |

| 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:        | edit content page                   | The title in the overlay should reflect | As expected    | Pass      |
|              |                    | https://badger-                    |                                     | the time period chosen.                 |                |           |
|              |                    | timeline.infinityfreeapp.com/publi | Timeline dates: <5000, 1500, 1749,  |   |                |           |
|              |                    | c_html/views/pages/content_edit    | 1764, 1769, 1775, 1779, 1791, 1804, |   |                |           |
|              |                    | (STATIC PAGE)                      | 1812, 1815, 1824, 1829, 1830, 1831, |   |                |           |
|              |                    |                                    | 1839, 1859, 1860, 1862, 1864, 1869, |   |                |           |
|              |                    | 2. Select a timeline date          | 1870, 1875, 1877, 1885, 1888, 1900, |   |                |           |
|              |                    |                                    | 1906, 1913, 1916, 1918, 1939        |   |                |           |

| Test case 2:              | Check add timeline date feature    | Go to edit content page:     https://badger- timeline.infinityfreeapp.com/publi     c_html/views/pages/content_edit (STATIC PAGE)   | 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.  | As expected    | Pass      |
|---------------------------|------------------------------------|---|--|--|----------------|-----------|
|                           |                                    | 2. Click 'add event' button   |  | NOTE: the timeline itself won't reflect the change, as the data base isn't integrated yet.   |                |           |
| Test case 3:              | Check submit changes<br>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 ONI           | LY)   |  |  |                |           |
| Test cases<br>Test case 1 | Scenario<br>Check reset feature    | Test Steps 1. Go to profille page:https://badger- timeline.infinityfreeapp.com/publi c_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 | Test Data Profile page  edit icon  Username information: "asdf" Email information: "leebron@nbagoat.com password: "MichaelWho?"  reset button  | Expected results Once the reset button is pressed, the information on the 'username', 'email', and 'password' field is erased.   | Actual Results | Pass/Fail |
| Test case 2               | Check cancel feature               | 1. Go to profiile page:https://badger- timeline.infinityfreeapp.com/publi c_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. |                |           |

| CVCTERA INITECDATION | TECTINIC ON CURONAL | CATABL FIBEROV A | ND FDGF(incognite mode) |
|----------------------|---------------------|------------------|-------------------------|
|                      |                     |                  |                         |

| HOMEPAGE TE             |  | Tost Stone  | Test Data  | Expected results  | Actual Describe               | Dos-/5-!!         |
|-------------------------|--|---|--|---|-------------------------------|-------------------|
| est cases<br>est case 1 | Scenario<br>Check homepage when<br>user is not logged in       | Test Steps 1. Go to homepage: https://badger- timeline.infinityfreeapp.com/publi c_html/ 2. naivgate to header section                                      | Test Data<br>Homepage  | Expected results If the user is not logged into an account, the homepage should reflect that fact and give the user the option of logging in. | Actual Results As expected    | Pass/Fail<br>Pass |
| est case 2              | Check homepage when user is logged in                          | Go to homepage:     https://badger- timeline.infinityfreeapp.com/publi c_html/  | 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              |
|                         |  | 2. naivgate to header section   |  |   |                               |                   |
| OG IN PAGE T            | ESTING   |   |  |   |                               |                   |
| est cases<br>est case 1 | Scenario<br>Check sign up feature                              | Test Steps 1. Go to log in page: https://badger- timeline.infinityfreeapp.com/publi c_html/views/user/account 2. enter valid inputs 3. click sign up button | Test Data<br>Log in page<br>Valid inputs for username, email, and<br>password fields         | Expected results The system will give a successful message notification to the user: "Registration successful! You can now log in."           | Actual Results<br>As expected | Pass/Fail<br>Pass |
| Test case 2             | Check sign up feature using pre-existing email in the database | https://badger-   | 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              |
| Fest case 3             | Check log in feature using valid inputs                        | Go to log in page:     https://badger- timeline.infinityfreeapp.com/publi c_html/views/user/account      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              |
| Fest case 4             | Check log in feature using invalid email                       | Go to log in page:     https://badger- timeline.infinityfreeapp.com/publi     c_html/views/user/account     enter invalid email on the email                | Log in page invalid email: "mjnotthegoatfr@fraud.com" valid password: "lebronDaGoat23!"      | System should display an error<br>message "Invalid username"  | As expected                   | Pass              |
| est case 5              | Check log in feature using invalid password                    | field 3. enter valid password  1. Go to log in page: https://badger- timeline.infinityfreeapp.com/publi c_html/views/user/account                           | "dakidfromakron23@gmail.com"   | System should display an error<br>message "Invalid username or<br>password"   | As expected                   | Pass              |
|                         |  | enter valid email on the email field     enter invalid password   | invalid password: "mjDaGoat23!"  |   |                               |                   |

| Test case 6               | Check reset password feature         | 1. Go to log in page: https://badger- timeline.infinityfreeapp.com/publi c_html/views/user/account  2. Click on 'verify email and reset your password' link  3. enter email address used in sign up  4. go to email, and click link sent, and change password | Log in page  'verify email and reset your password' link  valid email:  "dakidfromakron23@gmail.com"  new valid password  | 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              |
|---------------------------|--------------------------------------|---|---|---|-------------------------------|-------------------|
|                           |                                      |   |   |   |                               |                   |
| TIMELINE PAGE             | TESTING                              |   |   |   |                               |                   |
| Test cases<br>Test case 1 | Scenario Check all timeline points   | c_html/views/pages/timeline   | Test Data 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 | Expected results each timeline point reflects its own respective data from the data base.   | Actual Results<br>As expected | Pass/Fail<br>Pass |
| Test case 2:              | Check Select Category<br>feature     | 1. Go to homepage:https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline 2. Go to the timeline section 3. Click on the Menu icon on the far right of the timeline 4. Select a category 5. Click apply                                   |   | Here, the purpose of this test is to see how the system responds given an category to filter event.  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.  In this case, the points that are relevant to war events will be displayed, such as: 1791, 1812, 1815, and 1916. | As expected                   | Pass              |
| Test case 3               | Check user access for timeline page  | Using a admin account, go to log in page: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline     verify that the 'view and edit button is not visible   | 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           | The view and edit button are not visible, when accessing the timeline using a regular account or no account.  This is because regular users and member do not have the privilege of editing the content on the timeline.  | As expected                   | Pass              |
| Test case 3               | Check admin access for timeline page | Using a admin account, go to log in page: https://badger-timeline.infinityfreeapp.com/public_html/views/pages/timeline     verify that the 'view and edit button is visible   | 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           | The view and edit button are visible, when accessing the timeline using a admin account.  This is because only admins have the privilege of editing the content on the timeline.  | As expected                   | Pass              |

Test Data

Expected results

Actual Results

Pass/Fail

EDIT CONTENT PAGE TESTING (FOR ADMINS ONLY)
Test cases Scenario Test Steps

| Test case 1 | Check all timeline points         | c_html/views/pages/edit_content | 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           | c_html/views/pages/edit_content | 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          | c_html/views/pages/edit_content | 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<br>feature | c_html/views/pages/edit_content | 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,   | The change is reflected onto the timeline.  | As expected | Pass |
| Test case 5 | Check back-image edit<br>feature  | c_html/views/pages/edit_content | 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         | edit content page: https://badger-<br>timeline.infinityfreeapp.com/publi<br>c_html/views/pages/edit_content | 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      | c_html/views/pages/edit_content   | 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 | c_html/views/pages/edit_content   | 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<br>feature   | c_html/views/pages/edit_content   | 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<br>feature  | $c\_html/views/pages/edit\_content$   | 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<br>feature | edit content page: https://badger-<br>timeline.infinityfreeapp.com/publi<br>c_html/views/pages/edit_content | 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     | edit content page: https://badger-<br>timeline.infinityfreeapp.com/publi                                    | 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 ON | LY)  |                                  |  |                |           |
|--------------|-------------------------|--|----------------------------------|--|----------------|-----------|
| Test cases   | Scenario                | Test Steps                                   | Test Data                        | Expected results                       | Actual Results | Pass/Fail |
| Test case 1  | update username         | 1. Using a registered account, go            | Profile page                     | The change in account information is   |                |           |
|              |                         | to profile page: https://badger-             |                                  | reflected, and the user is direct back |                |           |
|              |                         | timeline.infinityfreeapp.com/publi           | String for new username such as: | to the profile change to view the      |                |           |
|              |                         | c_html/views/user/profile                    | "goatjames"                      | changed credentials                    |                |           |
|              |                         | 2. Click the edit button                     |                                  |  |                |           |
|              |                         | 3. Change username to a new string           |                                  |  |                |           |
|              |                         | 4. Click the update button                   |                                  |  |                |           |
|              |                         |  |                                  |  |                |           |
| Test case 2  | update email            | Using a registered account, go               | Profile page                     | The change in account information is   |                |           |
|              |                         | to profile page: https://badger-             | . 5                              | reflected, and the user is direct back |                |           |
|              |                         | timeline.infinityfreeapp.com/publi           | String for new email such as:    | to the profile change to view the      |                |           |
|              |                         | c_html/views/user/profile                    | "lebronjames@nbagoat.com"        | changed credentials                    |                |           |
|              |                         | 2. Click the edit button                     |                                  |  |                |           |
|              |                         | 3. Change email to a new valid email address |                                  |  |                |           |
|              |                         | 4. Click the update button                   |                                  |  |                |           |