

Dover War Memorial Project - Testing

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1 Introduction

This document lists all the testing that must be taken place to ensure the site is bug free. I have done all these tests myself, but having been so closely involved in the design and construction of the site, someone else must also complete this. It will also allow you to spot any processes that you may find unusual, tricky, annoying or just incorrect. Any comments along the way on the actual processes, as well as the design and styling, are of great use. It is, after all, you who will be both using and maintaining the site. ☺

2 Notes

Buttons on screen are labelled in *italics*, with text to be entered or displayed in *monospace*. Errors in links display a default 404 error page. This will be changed, but doing so would affect the Wedding website, so I haven't done that yet.

3 Navigation

These tests should ensure that the navigation is working as intended. If it is not, then the other tests might be a bit difficult(/annoying). These tests only need to be completed once, as the code is shared between all pages.

Navigate to <http://www.baker-wedding.org.uk/Dover-War-Memorial>. Note that the capitals are correct - this is a testing location, and on the real site, the link will be the same as before.

Test 1 Does the home page load correctly? Upon loading, the home page should be displayed. This will have the main title, followed by patrons, the top bar, the main blurb for the home page (contained within the pieces of paper effect), the bottom bar and copyright notice.

Test 2 Does the home page link work correctly? (Top) The left most button on the top bar should simply reload the page.

Test 3 Does the home page link work correctly? (Bottom) The left most button on the bottom bar should simply reload the page.

Test 4 Does the Latest News link work correctly? (Top) The second button on the top bar should load up the latest news for 2017. More on this in Section 5.

Test 5 Does the Latest News link work correctly? (Bottom) The second button on the bottom bar should load up the latest news for 2017. More on this in Section 5.

Test 6 Does the Casualty Index link work correctly? (Top) The third button on the top bar should load up the casualty index. More on this in Section 6.

Test 7 Does the Casualty Index link work correctly? (Bottom) The third button on the bottom bar should load up the casualty index. More on this in Section 6.

Test 8 Does the Articles link work correctly? (Top) The fourth button on the top bar should load up the information index (called Articles, as it's too long to fit in the box at the top). More on this in Section 8.

Test 9 Does the Articles link work correctly? (Bottom) The fourth button on the bottom bar should load up the information index. More on this in Section 8.

Test 10 Does the Search link work correctly? (Top) The fifth button on the top bar should load up the search page. More on this in Section 10.

Test 11 Does the Search link work correctly? (Bottom) The fifth button on the bottom bar should load up the search page. More on this in Section 10.

Test 12 Does the About & Contact link work correctly? (Top) The sixth button on the top bar should load up the about page.

Test 13 Does the About & Contact link work correctly? (Bottom) The sixth button on the bottom bar should load up the about page.

Test 14 Does the Login link work correctly? (Bottom) The last button on the bottom bar should load up the login form page. It is only displayed on the bottom page, as you are the only one who will need to login. More about this in Section 4.

4 Login / Logout

To edit various section of the site, you must be logged in. The username is `msk` and the password `hegerty`. The passwords are encrypted in the database, meaning they will be incredibly difficult to break. Tests in other sections will require some logging out, but I have written them to minimise the amount of logging out and back in again. To start, navigate to the login page using the *Login* button in the bottom left.

Test 15 Does the login page forbid incorrect credentials? Enter an incorrect username and/or password and click *Submit*. The page should reload with a message stating the username or password is incorrect. It will not inform the user which is incorrect - this is a standard security feature.

Test 16 Does the login page accept correct credentials? Enter the username and/or password and click *Login*. The page should redirect to a page entitled **Meta Pages**. More on this in Section 9.

Test 17 Have the admin controls appeared? Underneath the top menu bar another row should have appeared. It should indicate the currently logged in user, an admin button, and a button to logout (in red). The *Login* button on the bottom bar should now be replaced by a *Logout* button, also in red.

Test 18 Does the admin button work? Click the *Admin* button in the middle left of the top bar. It should redirect to a page entitled **Admin**, which has very little content at present.

Test 19 Does the meta pages button work? Click the *Meta Pages* button in the middle right of the top bar. It should redirect to a page entitled **Meta Pages**, which has very little content at present.

Test 20 Does the Logout button work? (Top) Click the *Logout* button on the right of the top bar. It should redirect back to the home page and the admin bar should now have disappeared.

Test 21 Does the Logout button work? (Bottom) Log back in again using the *Login* button in the bottom bar. Once logged in, click the *Logout* button on the right of the bottom bar. It should redirect back to the home page and the admin bar should now have disappeared. Stay logged in for now.

5 Site Update

This section of the site contains two areas: Latest News, and a Change Log. Log in to the site if you have not already done so. Navigate to Site Update section, by clicking the *Latest News* link in either menu bar.

Test 22 Have the latest news items been displayed? On the site update page, there should be a title, a link to view the change log and a list of latest news items. Each item should have a big title, some text and, in small font, the date it was posted. Next to each title, should be an *Edit* button.

Test 23 Has the previous news summary been displayed? Further down the page, there should be a list of years alongside the corresponding number of updates for that year.

Test 24 Has the previous news summary been displayed correctly? Count the number of news items displayed on screen and ensure this matches the number shown for the current year.

Test 25 Are previous news items displayed correctly? Click on *2016* to view the news from that year. There should be 2 items listed, the first being a long section of placeholder text entitled **Christmas**.

Test 26 Is an individual news item displayed correctly? Click on the *Christmas* title. This item should now be displayed on it's own page.

Test 27 Is an invalid site update displayed gracefully? The URL should be similar to `/siteUpdate/view/11/Christmas`. Change the number after `view` to something very large, e.g. 5000. It does not matter about the last section of the address, this can actually be anything. Instead of loading site number 5000 (as it does not exist), the home page should be displayed instead. This will occur in normal action if someone has a link to a deleted site update, or has incorrectly typed a link, or is trying to mess about.

Test 28 Is the return button correct? Ensure that the button at the bottom of the page reads **Return to all 2016 updates**. Click on this. The list of news items from 2016 should now be shown, as it was on a previous test.

Test 29 Is the list of news items displayed correctly when there are no updates? Navigate back to the 2017 list, either by selecting the date from the bottom, or by clicking the *Latest News* button in either menu bar. Change the URL in the address bar, replacing 2017, with some other date (for example, 2027). The page should reload with a message indicating there are no updates for that year.

Test 30 Is there an Add button? Navigate back to the 2017 list, either by selecting the date from the bottom, or by clicking the *Latest News* button in either menu bar. Next to the title should be displayed, in green, a button labelled *New*.

Test 31 Is there an New page? Click this button. There should now be a page displayed entitled **New Update**. Enter a title, narrative and the date of the update (choose some time in the past in 2017). Do not worry about the narrative buttons at present, these will be tested in Section 11. Also enter some text in the **What's changed** box. Make a note of what you have entered here, we will use this in a later test.

Test 32 Has the site update been added? When complete, click the *Save update* button. The page should now be redirected to the list of updates for 2017, and the newly added update should be displayed at the top.

Test 33 Does the New page stop invalid values? (1) Click the *New* button again to be taken to the page entitled **New Update**. Without entering anything, click the *Save update* button. The page should not reload and should instead highlight the title and narrative boxes, displaying **This field is required** below them.

Test 34 Does the New page stop invalid values? (2) Enter some text in the **Title** field, but leaving the **Narrative** field blank. Click the *Save update* button. The page again should not reload but instead highlight only the narrative box.

Test 35 Does the New page stop invalid values? (3) Remove the text from the **Title** field and instead add text into the **Narrative** field. Click the *Save update* button. The page again should not reload but instead highlight only the title box.

Test 36 Is there an Edit page? Return to the list of updates for 2017, by going *Back* in your browser, or clicking the *Latest News* button in either menu bar. Displayed next to each news item should be a *Edit*. Click on this button for the site update created earlier. A page should load that is similar to the *New* page seen earlier, but this time with some boxes complete.

Test 37 Does the View button work? Next to the title of this site update, there should be a button labelled *View*. Click this and the site update in question should be loaded.

Test 38 Has the edit been saved? Return to the edit page, by clicking the *Edit* button next to the title of this site update. Change some of the details and when complete, click *Save update*. The list of updates for 2017 should now be displayed and the changes to the recently edited site update should be shown.

Test 39 Is an invalid site update edit page displayed gracefully? Return to the list of updates for 2017, by going *Back* in your browser, or clicking the *Latest News* button in either menu bar. Displayed next to each news item should be a *Edit*. Click on this button for the site update created earlier. The URL should be similar to `/siteUpdate/edit/11`. Change the

number after `edit` to something very large, e.g. 5000. Instead of loading site number 5000 (as it does not exist), the list of site updates for 2017 should be displayed instead. This will occur in normal action if someone has a link to a deleted site update, or has incorrectly typed a link, or is trying to mess about.

Test 40 Does a Site Update have a delete button? Create a new site update using the process described earlier. This update should now appear on the list of those in 2017. Click the *Edit* button next to its title to be taken to the edit page. In the top right corner, a button in red should read *Delete Site Update*.

Test 41 Can a deletion be stopped? Click this *Delete Site Update* button. A pop-up warning should be displayed. Click *Cancel*. The popup should be removed.

Test 42 Can a site update be deleted? Click the *Delete Site Update* button. A pop-up warning should be displayed. This time, click *Delete*. All deletions cannot be undone. The page should redirect to the list of updates for 2017, with the newly deleted update missing.

Test 43 Have the latest change log items been displayed? On the list of updates of a given year, there is a button to *View change log*. Click this button. The page now loads a list of changes to the site in the current year. These are any edits or additions to the site, where the **What's changed** box has been completed. This allows users to view what is being changed without a news article being posted. Completing the **What's changed** on an edit is optional, and probably not worth it for a small typo.

Test 44 Has the previous change log items summary been displayed? Further down the page, there should be a list of years alongside the corresponding number of change log entries for that year.

Test 45 Has the previous change log items summary been displayed correctly? Count the number of news change log entries displayed on screen and ensure this matches the number shown for the current year.

Test 46 Is the change log displayed correctly when there are no updates? Change the URL in the address bar, replacing 2017, with some other date (for example, 2027). If no 2017 is shown, add /2027 to the end of the URL. The page should reload with a message indicating there are no updates for that year.

Test 47 Is an individual news item displayed correctly? Navigate back to the change log for 2017, either by the Back button in your browser, or by clicking the *Latest News* button in either menu bar and then the *View change log* button. One of the most recent entries in the change log will be the creation of a news item described in an earlier test. The **Description** column should match the text that was entered then.

Test 48 Does the View button work correctly? Click the arrow button next to the relevant entry in the change log. The news item created earlier should now be displayed.

Test 49 Does a change log entry have a delete button? Return to the change log for 2017, either by the Back button in your browser, or by clicking the *Latest News* button in either menu bar and then the *View change log* button. For the change log entry created used earlier, it should have a red dustbin button under the **Delete** column.

Test 50 Can a deletion be stopped? Click this *Delete* button. A pop-up warning should be displayed. Click *Cancel*. The popup should be removed.

Test 51 Can a site update be deleted? Click the *Delete* button. A pop-up warning should be displayed. This time, click *Delete*. All deletions cannot be undone. Not that this only removes the change log entry, not the edit, nor the item in question. The page should reload with that change log item removed.

Test 52 Are site updates with posted dates in the future hidden in the main list?

Test 53 Are site updates with posted dates in the future shown in the future list?

Test 54 Are the Edit/New buttons removed when logged out? For the following tests, you will need to be logged out. Navigate back to the Latest News section. The *New* button next to the title and *Edit* buttons next to each title should no longer be displayed.

Test 55 Are the Delete buttons removed when logged out on the Change Log? For the following tests, you will need to be logged out. Navigate back to the Change Log. The dustbin buttons next to each entry should no longer be displayed.

6 Memorial

This section of the site contains the list of memorials and some data associated with them. It also contains some of the major new functionality - the memorial map. Log in to the site if you have not already done so.

Test 56 Has the memorial index been displayed? Click on the *Casualty Index* button on the top or bottom menu bars. Displayed should be a page entitled **Casualty Index**. This will have a quote, followed by a button and two sections - one showing some memorials, the other collapsed.

Test 57 Has the main memorial list been displayed? After the main section of text, there should be a list entitled **Memorials**. This will list all the main memorials (all those on the original site outside the "More memorials" list), and the number of casualties associated with each one.

Test 58 Does the other memorial list been displayed? After the previous list, there should be a collapsible list showing the other memorials. Click the title of this should show and hide this list.

Test 59 Does the a memorial get displayed correctly? On the main list of memorials, click on *Dover War Memorial*. This should load a page

on that particular memorial, entitled **Dover War Memorial**. It should have a description of the memorial and a worded description of the location.

Test 60 Does the map get displayed correctly? On the **Dover War Memorial** page, there should be a map in the top right. A marker should be displayed in the correct location. Zooming in may be required to identify this more closely.

Test 61 Does the list of casualties get displayed? At the bottom of the page, there should be a series of buttons. The first row should read **World War One**, **World War Two**, and **All**. The second row should list all letters, plus an asterisk (indicating other characters). Displayed on screen should be all casualties whose surname begins with an A. There should be 3 casualties, all with improbable names.

Test 62 Does the list of casualties get updated? Clicking *World War Two* should leave only one casualty displayed, while clicking *World War One* should display two. Selecting *World War One* and *S* should result in a long list of casualties displayed.

Test 63 Does the list of casualties gracefully show if there are no casualties? Select *World War One* and *S* should result in a message stating that no results have been found.

Test 64 Is an invalid memorial displayed gracefully? The URL should be similar to `/memorial/view/1/Dover+War+Memorial`. Change the number after `view` to something very large, e.g. 5000. It does not matter about the last section of the address, this can actually be anything. Instead of loading memorial number 5000 (as it does not exist), the home page should be displayed instead. This will occur in normal action if someone has a link to a deleted memorial, or has incorrectly typed a link, or is trying to mess about.

Test 65 Does the memorial map get displayed? Return to the casualty index, either by clicking back on your browser, or using the *Casualty Index* button in either the top or bottom menu bars. From here, click the *View Memorial Map* button. This should load a page entitled **Memorial**

Map, containing a large map, centred on Dover. There should be two markers visible, one in the centre of Dover and another half way towards Folkestone.

Test 66 Does the information get displayed about a memorial?

Click on the marker located over the centre of Dover. Below the map should be displayed the name of that memorial and the number of casualties commemorated there.

Test 67 Does the information link correctly? Click on the name of the memorial displayed (in this case, **Dover War Memorial**). This should now load the memorial page for the Dover War Memorial, as seen in an earlier test.

Test 68 Is there an Add button? Return to the casualty index, either by clicking back on your browser, or using the *Casualty Index* button in either the top or bottom menu bars. Next to the title, there should be a *New Memorial* button.

Test 69 Is there a New page? Click this button. There should now be a page displayed entitled **New Memorial**. Enter a title and narrative. Do not worry about the narrative buttons at present, these will be tested in Section 11. In the **latitude** box, enter 51.078324 and in the **longitude** box enter 1.187405. This should place the memorial in Folkestone Harbour. Leave the **Order in main section** box blank. There is no need to complete the **What's changed** box.

Test 70 Has the memorial been added? When complete, click the *Save memorial* button. The page should now be redirected to the list of memorials. The newly created memorial should be in the list under *Other Memorials*. It should have zero casualties.

Test 71 Has the memorial's map data been added correctly? (1) Click on the name of the newly created memorial. The map in the top right should have a marker placed over Folkestone Harbour.

Test 72 Has the memorial's map data been added correctly? (2)

Return to the casualty index, either by clicking back on your browser, or using the *Casualty Index* button in either the top or bottom menu bars, then click on *View Memorial Map*. The large map should load, with a new marker placed over Folkestone Harbour.

Test 73 Does the New page stop invalid values? (1) Return to the casualty index, either by clicking back on your browser, or using the *Casualty Index* button in either the top or bottom menu bars. Click the *New Memorial* button again to be taken to the page entitled **New Memorial**. Without entering anything, click the *Save memorial* button. The page should not reload and should instead highlight the name and content boxes, displaying **This field is required** below them.

Test 74 Does the New page stop invalid values? (2) Enter some text in the **Name** field, but leaving the **Content** field blank. Click the *Save memorial* button. The page again should not reload but instead highlight only the narrative box.

Test 75 Does the New page stop invalid values? (3) Remove the text from the **Name** field and instead add text into the **Content** field. Click the *Save memorial* button. The page again should not reload but instead highlight only the title box.

Test 76 Is there an edit page? Return to the casualty index, either by clicking back on your browser, or using the *Casualty Index* button in either the top or bottom menu bars. The newly created memorial should be in the list under *Other Memorials*. Click on the title of this memorial. The page for this memorial should load. Next to the title, is an *Edit* button. Click this. A page should load that is similar to the new page seen earlier, except with some fields now complete.

Test 77 Does the View button work? Next to the title of this memorial, there should be a button labelled *View*. Click this and the memorial in question should be loaded.

Test 78 Has the edit been saved? Return to the edit page, by clicking the *Edit* button next to the title of this site update. Change some of the details and when complete, click *Save memorial*. The list of memorials should now be displayed. Click *Other memorials* to view the other memorials and select the newly edited memorial. The page for this should load and the changes can be seen.

Test 79 Does a Memorial have a delete button? Create a new memorial using the process described earlier. This memorial will now get added to one of the two lists. Click the memorial to view it, and then click the *Edit* button next to its title to be taken to the edit page. In the top right corner, a button in red should read *Delete Memorial*.

Test 80 Can a deletion be stopped? Click this *Delete Memorial* button. A pop-up warning should be displayed. Click *Cancel*. The popup should be removed.

Test 81 Can a memorial be deleted? Click the *Delete Memorial* button. A pop-up warning should be displayed. This time, click *Delete*. All deletions cannot be undone. The page should redirect to the list of memorials, with the newly deleted memorial missing. Any casualties who were commemorated here have had that piece of data removed.

Test 82 Is an invalid memorial page displayed gracefully? Navigate back to the list of memorials and click on any memorial. The URL should be similar to `memorial/view/1/Dover+War+Memorial`. Change the number after `view` to something very large, e.g. 5000. It does not matter about the last section of the address, this can actually be anything. Instead of loading memorial number 5000 (as it does not exist), the home page should be displayed instead. This will occur in normal action if someone has a link to a deleted memorial, or has incorrectly typed a link, or is trying to mess about.

Test 83 Is an invalid edit page for a memorial displayed gracefully? Navigate back to the list of memorials and click on any memorial. Then, click the *Edit* button on that memorial. The URL should be similar to `memorial/edit/1`. Change the number after `edit` to something very large,

e.g. 5000. Instead of loading the edit page for memorial number 5000 (as it does not exist), the list of memorials should be displayed instead.

Test 84 Are the Edit/New buttons removed when logged out?

For the following tests, you will need to be logged out. Navigate back to the Casualty Index section. The *New Memorial* button next to the title should no longer be displayed. Click on a memorial. There should be no *Edit* button next to the title.

7 Casualty

The casualty section is heavily linked within the memorials. Casualties contain large amounts of information which is used to create the database and for the new search system. Log in to the site if you have not already done so.

Test 85 Is the casualty summary displayed correctly? Return to the casualty index by using the *Casualty Index* button in either the top or bottom menu bars, then click on a memorial - *Dover War Memorial* is a good one to choose. The memorial page should load. Displayed should be the three casualties with the surname A. Their names should be shown, along with their date of death.

Test 86 Is a casualty displayed correctly? Click on a casualty's name, for example *Frank Aamith*. The page for this casualty should be loaded. The title should be the casualty's name, with the narrative displayed below.

Test 87 Are a casualty's details displayed correctly? There should also be a hidden table entitled *Casualty Details* at the bottom of the page. Clicking on this should load a table full of details. The casualty's given, middle and family names are shown, along with other data if available. Fields that have no data are not displayed. A number of these should be links, but they will be tested in Section 10.

Test 88 Is there an Add button? Return to the casualty index, either by clicking back on your browser, or using the *Casualty Index* button in

either the top or bottom menu bars. Next to the title, there should be a *New Casualty* button.

Test 89 Is there a New page? Click this button. There should now be a page displayed entitled **New Casualty**. Enter details in the relevant boxes. Do not worry about the narrative buttons at present, these will be tested in Section 11. A number of boxes have drop down options. The contents of these options will be tested in Section 11.

Test 90 Do the other data options appear? When complete, click the *Save and continue with editing* button. This will allow the addition of other data that relies on the casualty being saved and created first. The page should refresh with more fields available.

Test 91 Can a service number be added? In the **Service Number** section, enter a number (or text) into the **Add number** field and click *Add number*. This should then appear in the drop down above. Click the drop-down and remove the empty entry.

Test 92 Can relation data be added? In the **Relation Date** section, click *Add another relation*. This should load two drop down boxes. In the first, select the name of another casualty and in the second.

Test 93 Has the casualty been added? First, ensure that the **Commemorations Locations** is set to one or more locations. When editing is complete, click the *Save all sections* button at the foot of the page. The page should display a green section indicating the Save was complete.

Test 94 Has the casualty been added correctly? (1) Click on the button labelled *View* next to the casualty's name in the title. The casualty page will now load, display the casualty's name and narrative. Clicking the *Casualty Details* hidden table will display all the data entered.

Test 95 Has the casualty been added correctly? (2) In the *Casualty Details* table, there should be an entry in the **Relations** selection. Click the name of the casualty displayed. On that casualty's page, ensure that the first casualty is also displayed.

Test 96 Has the casualty been added correctly? (3) Return to the casualty index by using the *Casualty Index* button in either the top or bottom menu bars, then click on the memorial that the newly created casualty is commemorated at. Using the buttons, select the relevant war and surname letter and the casualty, along with their date of death should be shown.

Test 97 Does the New page stop invalid values? (1) Return to the casualty index, either by clicking back on your browser, or using the *Casualty Index* button in either the top or bottom menu bars. Click the *New Casualty* button again to be taken to the page entitled **New Casualty**. Without entering anything, click the *Save and continue with editing* button. The page should not reload and should instead highlight the family name and narrative boxes, displaying **This field is required** below them.

Test 98 Does the New page stop invalid values? (2) Enter some text in the **Family Name** field, but leaving the **Narrative** field blank. Click the *Save and continue with editing* button. The page again should not reload but instead highlight only the narrative box.

Test 99 Does the New page stop invalid values? (3) Remove the text from the **Family Name** field and instead add text into the **Narrative** field. Click the *Save and continue with editing* button. The page again should not reload but instead highlight only the title box.

Test 100 Is there an edit page? Next to the title of the casualty, is an *Edit* button. Click this. A page should load that is similar to the new page seen earlier, except with some fields now complete.

Test 101 Can a service number be removed? There should be at least one service number selected from a previous test. Deselect this one in the dropdown.

Test 102 Can relation data be removed? There should be at least one relation selected from a previous test. In both drop down boxes, deselect the chosen options.

Test 103 Has the edit been saved? Change some of the details and when complete, click *Save all sections*. The page should display a green section indicating the Save was complete.

Test 104 Has the edit been saved correctly? Click on the button labelled *View* next to the casualty's name in the title. The casualty page will now load, display the casualty's name and narrative. Clicking the *Casualty Details* hidden table will display all the data entered and any changes can be seen.

Test 105 Does changing the Recently Imported field affect the display? (1) Return to the edit page of a given casualty. Ensure that the *Recently Imported* field is set to *Yes*. Click *Save and return to casualty*. The casualty page will load. Clicking on the *Casualty Details* hidden table will show the casualty's details. Displayed at the top of this table is a message informing the user that some details may not yet have been added.

Test 106 Does changing the Recently Imported field affect the display? (2) Return to the edit page of a given casualty. Ensure that the *Recently Imported* field is set to *No*. Click *Save and return to casualty*. There should now be no message displayed at the top of the *Casualty Details* hidden table for this casualty.

Test 107 Does changing the Unsure Details field affect the display? (1) Return to the edit page of a given casualty. Ensure that the *Unsure Details* field is set to *Yes*. Click *Save and return to casualty*. The casualty page will load. Clicking on the *Casualty Details* hidden table will show the casualty's details. Displayed at the top of this table is a message informing the user that some details may be unknown. This replacing the previous method of placing an asterisk next to a surname.

Test 108 Does changing the Unsure Details field affect the display? (2) Return to the edit page of a given casualty. Ensure that the *Unsure Details* field is set to *No*. Click *Save and return to casualty*. There should now be no message displayed at the top of the *Casualty Details* hidden table for this casualty.

Test 109 Does a casualty have a delete button? Create a new casualty using the process described earlier. This casualty will now get added to a memorial. Click the memorial and select the casualty from the filter buttons. When the casualty's page loads, click the *Edit* button next to its title to be taken to the edit page. In the top right corner, a button in red should read *Delete Casualty*.

Test 110 Can a deletion be stopped? Click this *Delete Casualty* button. A pop-up warning should be displayed. Click *Cancel*. The popup should be removed.

Test 111 Can a casualty be deleted? Click the *Delete Casualty* button. A pop-up warning should be displayed. This time, click *Delete*. All deletions cannot be undone. The page should redirect to the list of memorials.

Test 112 Is an invalid casualty page displayed gracefully? Navigate back to the list of casualties and click on any casualty. The URL should be similar to `casualty/view/1/Frank-Aaamith`. Change the number after `view` to something very large, e.g. 5000. It does not matter about the last section of the address, this can actually be anything. Instead of loading casualty number 5000 (as it does not exist), the home page should be displayed instead. This will occur in normal action if someone has a link to a deleted casualty, or has incorrectly typed a link, or is trying to mess about.

Test 113 Is an invalid edit page for a casualty displayed gracefully? Navigate back to the list of casualties and click on any casualty. Then, click the *Edit* button on that casualty. The URL should be similar to `casualty/edit/1`. Change the number after `edit` to something very large, e.g. 5000. Instead of loading the edit page for casualty number 5000 (as it does not exist), the home page should be displayed instead.

Test 114 Are the Edit/New buttons removed when logged out? For the following tests, you will need to be logged out. Navigate back to the Casualty Index section. The *New Casualty* button next to the title should no longer be displayed. Click on a memorial and click on any casualty. There should be no *Edit* button next to their name.

8 Articles

This section is the “Information Index” on the previous site, the shorter name fitting more nicely into the evenly spaced menu bar. Information that was on other areas of the site (e.g. the article about the Dover War Memorial) should be classed as an article, but won’t belong in one of the groups that existed on the previous site. Log in to the site if you have not already done so.

Test 115 Is the article list displayed? Return to the article list by clicking on the *Articles* button on either menu bar. There should be a title, a small piece of text, and several sections with lists of articles.

Test 116 Is the article list displayed correctly? Each section of the article list should have at least one entry. There should be no sections without entries, as these are not shown.

Test 117 Is an article displayed correctly? Click on an article’s name, for example *Zeebrugge*. The page should load the article. The title will be at the top, with the main section of the article displayed below. The posted date should be in small text at the bottom.

Test 118 Is there an Add button? Return to the article list, either by clicking back on your browser, or using the *Articles* button in either the top or bottom menu bars. Next to the title, there should be a *New* button.

Test 119 Is there a New page? Click this button. There should now be a page displayed entitled **New Article**. Enter details in the relevant boxes. Do not worry about the narrative buttons at present, these will be tested in Section 11. Make sure that this article has a category.

Test 120 Has the article been added? When editing is complete, click the *Save article* button at the foot of the page. The page should reload to the list of articles.

Test 121 Has the article been added correctly? Click on the name of the recently added article, which should be in the correct section. The article should load with the correct title, narrative and date entered.

Test 122 Does the New page stop invalid values? (1) Return to the article list, either by clicking back on your browser, or using the *Article* button in either the top or bottom menu bars. Click the *New* button again to be taken to the page entitled **New Article**. Without entering anything, click the *Save article* button. The page should not reload and should instead highlight the family name and narrative boxes, displaying **This field is required** below them.

Test 123 Does the New page stop invalid values? (2) Enter some text in the **Title** field, but leaving the **Content** field blank. Click the *Save article* button. The page again should not reload but instead highlight only the narrative box.

Test 124 Does the New page stop invalid values? (3) Remove the text from the **Title** field and instead add text into the **Content** field. Click the *Save article* button. The page again should not reload but instead highlight only the title box.

Test 125 Is there an edit page? Return to the article list, either by clicking back on your browser, or using the *Article* button in either the top or bottom menu bars, and click on the name of an article. Next to the title of the article, is an *Edit* button. Click this. A page should load that is similar to the new page seen earlier, except with some fields now complete.

Test 126 Has the edit been saved? Change some of the details and when complete, click *Save article*. The page should return to the list of articles

Test 127 Has the edit been saved correctly? Click on the name of the article that has just been edited. The article will now load, displaying the article's title and content, with the changes shown.

Test 128 Does the View button work correctly? Click on the button labelled *Edit* next to the article's title. The edit page should load. When it has, click the *View* button. This should load the page for the article that was being edited.

Test 129 Is an invalid article page displayed gracefully? Navigate back to the list of articles and click on any article. The URL should be similar to `article/view/1/Zeebrugge`. Change the number after `view` to something very large, e.g. 5000. It does not matter about the last section of the address, this can actually be anything. Instead of loading article number 5000 (as it does not exist), the home page should be displayed instead. This will occur in normal action if someone has a link to a deleted article, or has incorrectly typed a link, or is trying to mess about.

Test 130 Is an invalid edit page for an article displayed gracefully? Navigate back to the list of articles and click on any article. Then, click the *Edit* button on that article. The URL should be similar to `article/edit/1`. Change the number after `edit` to something very large, e.g. 5000. Instead of loading the edit page for article number 5000 (as it does not exist), the list of articles should be displayed instead.

Test 131 Does an article have a delete button? Create a new article using the process described earlier. Click the title of the newly created article. When the article's page loads, click the *Edit* button next to its title to be taken to the edit page. In the top right corner, a button in red should read *Delete Article*.

Test 132 Can a deletion be stopped? Click this *Delete Article* button. A pop-up warning should be displayed. Click *Cancel*. The popup should be removed.

Test 133 Can a casualty be deleted? Click the *Delete Article* button. A pop-up warning should be displayed. This time, click *Delete*. All deletions cannot be undone. The page should redirect to the list of articles.

Test 134 Are the Edit/New buttons removed when logged out? For the following tests, you will need to be logged out. Navigate back to

the Articles section. The *New* button next to the title should no longer be displayed. Click on an article. There should be no *Edit* button next to the article title.

Test 135 Is the most recent news item displayed on the home page? Create a site update news item using the method described above. Ensure that the date makes it the most recent news item (but not in the future). Return to the home page by using the *Home* buttons on either menu bar. This newly created site update should appear in the area at the bottom left on the page.

Test 136 Are the deaths today displayed on the home page? Create a casualty using the method described above. Ensure the **Date of Death** is set to today's day and month, but in a previous year. Return to the home page by using the *Home* buttons on either menu bar. The list of **Casualties commemorated today** section in the bottom right should now have this casualty listed along with their age. Clicking on the name of the casualty should load their casualty page.

9 Meta

Meta pages are the “other” pages of the site. These come in two varieties: 1) Standalone pages (e.g. Contact) or 2) Sections of Text (e.g. at the top of the Articles list or the Home page). The idea of these is that it allows you to create (or edit) pages that do not fit into any other category and link to these as needed. It also allows the editing of narrative sections on pages that would otherwise be bland lists. There are a few meta pages that are required - for example the Home page, Contact Us, etc. These have all been added into the site already.

It is not possible to delete a meta page. There is a good reason for this. If a page was created that is no longer needed, simply remove any links to that page. If a page was accidentally deleted that was integral to the site (the Home page, for instance), that would be a disaster. I can't imagine that these pages will need to be created or edited much, if ever.

Tests in this section may require URLs to be entered. Log in to the site if you have not already done so.

Test 137 Is the list of Meta Pages displayed correctly? Navigate to the list of Meta Pages, by clicking on the *Meta Pages* button on the top menu bar. The list of Meta pages should load. There should be a small narrative section, followed by two lists. This page allows the editing of various information used in several places on the site (e.g. the list of Wars), as well as displaying the list of other meta pages. The top list will be tested later in Section 11.

Test 138 Is a meta page displayed correctly? (1) From the bottom list, click on `contactUs`. This should display the Contact Us page, with a small panel at the bottom indicating where this page is used.

Test 139 Is a meta page displayed correctly? (2) Navigate to the *About & Contact Us* page by using the buttons on either the top and bottom menu bars. The Contact Us page should load in a similar manner to the previous test, without the explanation panel.

Test 140 Is there an Add button? Return back to the list of Meta Pages, by clicking on the *Meta Pages* button on the top menu bar. Next to the title (Meta Pages), there should be a button labelled *New*.

Test 141 Is there a New page? Click this button. There should now be a page displayed entitled **New Meta Page**. Enter details in the relevant boxes. The ID field should have a value that does not match any of the other meta pages. Do not worry about the narrative buttons at present, these will be tested in Section 11. The **What's changed** section can be left empty - in normal operation any "internal" pages should never have this field changed, otherwise it will appear in the change log.

Test 142 Has the meta page been added? When editing is complete, click the *Save meta page* button at the foot of the page. The page should reload to the list of meta pages.

Test 143 Has the meta page been added correctly? Click on the newly added meta page on the bottom list. The page should load with the created meta page, and the various details as entered.

Test 144 Does the New page stop invalid values? (1) Return back to the list of Meta Pages, by clicking on the *Meta Pages* button on the top menu bar. Click the *New* button again to be taken to the page entitled **New Meta Page**. Without entering anything, click the *Save meta page* button. The page should not reload and should instead highlight the ID, Title, Content and Where is this page used? fields, displaying This field is required below each one.

Test 145 Does the New page stop invalid values? (2) Enter some text in the **Content** box, leaving the other still empty. Click the *Save meta page* button. The page should again not reload but still highlight the ID, Title and Where is this page used? fields.

Test 146 Is there an edit button? (1) Return back to the list of Meta Pages, by clicking on the *Meta Pages* button on the top menu bar. The piece of text at the top of the **Meta Pages** link is itself a meta page. This page should have a button displayed below *Edit This Text*.

Test 147 Is there an edit button? (2) Click one of the meta pages on the bottom list. This should display the meta page. On this page, next to the title should be a button entitled *Edit*.

Test 148 Is there an edit page?

Test 149 Has the edit been saved correctly? (1)

Test 150 Has the edit been saved correctly? (2)

Test 151 Is an invalid meta page displayed gracefully?

Test 152 Is an invalid edit page for a meta page displayed gracefully?

Test 153 Are the Edit/New buttons removed when logged out (1)?

Test 154 Are the Edit buttons removed when logged out (2)?

10 Search

Test 155 text and category

Test 156 text and multiple categories

Test 157 text and no category

Test 158 category and no text

Test 159 pagination

Test 160 no results

Test 161 search: given name

Test 162 search: middle name

Test 163 search: family name

Test 164 search: civilian

Test 165 search: gender

Test 166 search: dob

Test 167 search: dod

Test 168 search: war

Test 169 search: final resting place

Test 170 search: rank

Test 171 search: service country

Test 172 search: place of birth

Test 173 search: last known address

Test 174 search: last known address year

Test 175 search: commemoration location

Test 176 search: regiment

Test 177 search: service numbers

Test 178 casualty data display search: given name

Test 179 casualty data display search: middle name

Test 180 casualty data display search: family name

Test 181 casualty data display search: civilian

Test 182 casualty data display search: gender

Test 183 casualty data display search: dob

Test 184 casualty data display search: dod

Test 185 casualty data display search: war

Test 186 casualty data display search: final resting place

Test 187 casualty data display search: rank

Test 188 casualty data display search: service country

Test 189 casualty data display search: place of birth

Test 190 casualty data display search: last known address

Test 191 casualty data display search: last known address year

Test 192 casualty data display search: commemoration location

Test 193 casualty data display search: regiment

Test 194 casualty data display search: service numbers

11 Other

Test 195 list: place

Test 196 add: place

Test 197 add correctly 1: place (in the meta page list)

Test 198 add correctly 2: place (in the search page)

Test 199 list: rank

Test 200 add: rank

Test 201 add correctly 1: rank

Test 202 add correctly 2: rank

Test 203 list: regiment

Test 204 add: regiment

Test 205 add correctly 1: regiment

Test 206 add correctly 2: regiment

Test 207 list: relation

Test 208 add: relation

Test 209 add correctly 1: relation

Test 210 add correctly 2: relation

Test 211 list: servicecountry

Test 212 add: servicecountry

Test 213 add correctly 1: servicecountry

Test 214 add correctly 2: servicecountry

Test 215 list: war

Test 216 add: war

Test 217 add correctly 1: war

Test 218 add correctly 2: war

Test 219 narrative bold

Test 220 narrative preview

Test 221 narrative italic

Test 222 narrative header

Test 223 narrative link

Test 224 narrative bullet

Test 225 narrative numbered

Test 226 narrative quote

Test 227 narrative picL

Test 228 narrative picC

Test 229 narrative picR

Test 230 narrative maximise

Test 231 narrative help