**Test Plan**

For expected css please refer to the user interface design

| Login Page | | | |
| --- | --- | --- | --- |
| Test | **Expected Result** | **Actual Result** | **Comment** |
| Tab for the page | Displays the website logo and the text Login | displays the logo as expected |  |
| Background Image | Should be a colour gradient from #6002ee to #ee6002 | colour gradient appears as expected |  |
| Title of the page | Should be the string Login to WorldTree  Should be between two h1 tags and with expected css | text and css display as expected |  |
| WorldTree Logo | Should be WorldTree.png with expected css | image displays as expected |  |
| Username input for form | should be rectangular and have username as a placeholder with expected css | text input form displays as expected with the placeholder also working as expected |  |
| Password input for the form | should be rectangular and have password as a placeholder with expected css | password input form displays as expected with the placeholder also working as expected |  |
| Login button | should be rectangular and have the string Login as its value with expected css  onclick it should submit the form and then validate whether or not the credentials for the login are correct and if not to output an error if credentials are correct should send user to home.php and create cookies sortmethod, probepage, user and page | button displays as expected  validation occurs as expected      sends user to homepage as expected    cookies created as expected |  |
| Sign up button | should be rectangular and have the string Register as its value and have a box shadow, should send the user to Register.html | button displays and functions as expected |  |

| Registration Page | | | |
| --- | --- | --- | --- |
| Test | **Expected Result** | **Actual Result** | **Comment** |
| Tab for the page | Displays the website logo and the text Sign Up | logo and text display as expected |  |
| Background Image | Should be a colour gradient from #6002ee to #ee6002 | background image is displayed as expected |  |
| user profile image | user profile image should be displayed as expected | user profile image displayed as expected |  |
| Title of the page | Should be the string Sign up to WorldTree  Should be between two h1 tags and have expected css | the title is as displayed as expected |  |
| Username input for form | should be rectangular and have username as a placeholder with expected css | username input box is displayed as expected  placeholder works as expected |  |
| Password input for the form | should be rectangular and have password as a placeholder with expected css | password input and placeholder display and work as expected |  |
| Re-Password input for the form | should be rectangular and have Re-enter Password as a placeholder with expected css | the re enter password input and placeholder display as expected |  |
| Sign up button | should be rectangular and have the string Register as its value and with expected css  onclick it should validate whether or not the username is alphanumeric and lesser than 26 characters, whether the password is longer than 6 characters and lesser than 51 characters and that they are not empty if the above is true then an account should be created and the user be sent to the login page, index.html, if not an error message should be sent to the screen | button and validation display and work as expected      account created as expected |  |

| Home Page | | | |
| --- | --- | --- | --- |
| Test | **Expected Result** | **Actual Result** | **Comment** |
| Tab for the page | Displays the website logo and the text Home | text and logo displayed as expected |  |
| navbar links | home page link is active and colour is #ee0290 notifcations link send user to notifcations.php  default colour is #6002ee  when hovered over the colour is #3d00e0 | links work as expected  css and text is displayed as expected |  |
| search form | search form takes text input and when submitted send user to the searchpage.php via post  should have search.png as the background image  should be with expected css  should have a placeholder search | search form works as expected    placeholder worked as expected  background image worked as expected |  |
| user profile image button | displays the user profile image in a button with expected css  when clicked opens the sidenav | user profile button works and displays as expected |  |
| sidenav | when closed it doesn’t show  when open it displays an the sidenav with expected css  a close sidenav button in the form of an x which closes the sidenav with expected css  the logged in users username which when clicked resets the cookies to what the pagenumber cookie to 0, the probepage cookie to the user and the sortmethod to new  should be with expected css  the user image with expected css  a link to the users page with expected css which again when clicked resets the cookies to what the pagenumber cookie to 0, the probepage cookie to the user and the sortmethod to new  a logout link with expected css which when clicked sends the user to the login page and onclick also deletes all cookies used by the website | all links work as expected and execute the javascript functions as expected  all cookies are deleted when log out is clicked and it does send you to the homepage |  |
| posts div | Should load up to 50 posts that have been received from the server, each post should have a title but doesn’t need any content, each post should also display a link to the creator of the post in the sub bar and the date the post was created  each post should also have a post number in the vote div  should all be with expected css  creates page cookie to determine what posts to output | i can’t capture 50 posts in a screenshot so i’m just showing those as an example  displays correctly and with expected css    cookie created as expected |  |
| utility links | contains a link to the make a post page  Sorts button opens a dropdown menu displaying sorts  Old sorts by oldest post first by setting the sortmethod cookie to Old  New sorts by newest post first by setting the sortmethod cookie to New  Loads a page with the present posts sorted based upon which sort was used  should all be with expected css | links work as expected  sort buttons work as expected  sorts work as expected  all css that is expected is shown to be working |  |
| Navigation buttons | should direct the user to the next page or previous page  next page button loads the next 50 posts  previous page shows the previous 50 posts  if on the last page it should only show the previous page button  if on the first page and there is 50 posts it should only display the next page button  if it's the first page and there’s less than 50 posts on it nothing should be displayed  should be with expected css | directs users to pages correctly  displays and works as expected |  |

| Notifications page | | | |
| --- | --- | --- | --- |
| Test | **Expected Result** | **Actual Result** | **Comments** |
| Tab for the page | Displays the website logo and the text Notifications | It displayed Home instead of Notifications | it was swiftly fixed |
| navbar links | notifications page link is active and colour is #ee0290 home page link send user to  home.php  default colour is #6002ee  when hovered over the colour is #3d00e0 | links work as expected |  |
| search form | search form takes text input and when submitted send user to the searchpage.php via post  should have search.png as the background image  should be with expected css  should have a placeholder search worldtree | the search form worked as expected and the css is displayed as expected  placeholder was working as expected  background image displayed as expected |  |
| user profile image button | displays the user profile image in a button with expected css  when clicked opens the sidenav | works and displays as expected |  |
| sidenav | when closed it doesn’t show  when open it displays an the sidenav with expected css  a close sidenav button in the form of an x which closes the sidenav with expected css  the logged in users username which when clicked resets the cookies to what the pagenumber cookie to 0, the probepage cookie to the user and the sortmethod to new  should be with expected css  the user image with expected css  a link to the users page with expected css which again when clicked resets the cookies to what the pagenumber cookie to 0, the probepage cookie to the user and the sortmethod to new  a logout link with expected css which when clicked sends the user to the login page and onclick also deletes all cookies used by the website | not showing as expected when closed    all links and css display as expected |  |
| posts div | should have a welcome message in a post div with a title saying welcome to world tree and the contents telling the user some basic navigation  the subbar should say the post was made by world tree | displays as expected and with correct css |  |

| User Page | | | |
| --- | --- | --- | --- |
| Test | **Expected Result** | **Actual Result** | **Comment** |
| Tab for the page | Displays the website logo and the text *USER* ‘s profile page | displays as expected |  |
| navbar links | home page link is with expected css  notifications link when clicked sends user to  notifications.php  with expected css | links work as intended |  |
| search form | search form takes text input and when submitted send user to the searchpage.php via post  should have search.png as the background image  should be with expected css  should have a placeholder search worldtree | displayed and function as expected |  |
| user profile image button | displays the user profile image in a button with expected css  when clicked opens the sidenav | displays and functions as expected |  |
| sidenav | when closed it doesn’t show  when open it displays an the sidenav with expected css  a close sidenav button in the form of an x which closes the sidenav with expected css  the logged in users username which when clicked resets the cookies to what the pagenumber cookie to 0, the probepage cookie to the user and the sortmethod to new and then sends the user to the profile page of the logged in user  should be with expected css  the user image with expected css  a link to the users page with expected css which again when clicked resets the cookies to what the pagenumber cookie to 0, the probepage cookie to the user and the sortmethod to new  a settings link which when clicked send the user to their settings page  a logout link with expected css which when clicked sends the user to the login page and onclick also deletes all cookies used by the website | all links and css work as expected with js working as expected as well  image displays as expected |  |
| Banner | Banner.png is displayed correctly and with expected css in the profile div | banner displayed correctly with expected css as well |  |
| User image | user image is displayed with expected css | user image displayed correctly with correct css |  |
| username | username displayed correctly with expected css and under the profile pic | username displayed correctly with correct css as expected |  |
| posts button | Should wipe the posts div then load up to 50 posts in the posts div that have been received from the server, should only be posts made by the current user, each post should have a title but doesn’t need any content, each post should also display a link to the creator of the post in the sub bar and the date the post was created  each post should also have a post number in the vote div  navigation buttons should also display if there are enough posts  should be with expected css | posts work as expected  with correct css and links as expected    working as expected by not displaying navigation buttons    working as expected by showing nav buttons | used two profiles to show nav buttons displaying as expected |
| follows button | should display a message telling the user that this page is a work in progress in the posts div  should be with expected css | works and displays as expected |  |
| followers button | should also display an error message saying that the page is a work in progress in the posts div  should be with expected css | works and displays as expected |  |
| about button | should display the users bio/ about info in the posts div  should be with expected css |  |  |
| utility links | contains a link to the make a post page  Sorts button opens a dropdown menu displaying sorts  Old sorts by oldest post first  New sorts by newest post first  Loads a page with the present posts sorted based upon which sort was used  should all be with expected css | css working as expected js too      sorts working as expected on the profile page |  |

| Make a Post Page | | | |
| --- | --- | --- | --- |
| Test | **Expected Result** | **Actual Result** | **Comment** |
| Tab for the page | Displays the website logo and the text Create a post | does not display the image as expected | fixed, problem was with the path to the image being incorrect |
| navbar links | home page link is with expected css  notifications link when clicked sends user to  notifications.php  with expected css | home page was active which was incorrect | fixed quickly by deleting a class    otherwise css and links work as expected |
| search form | search form takes text input and when submitted send user to the searchpage.php via post  should have search.png as the background image  should be with expected css  should have a placeholder search worldtree | image form and placeholder display and work as expected with css also functioning as expected |  |
| user profile image button | displays the user profile image in a button with expected css  when clicked opens the sidenav | user image profile displaying and working as expected |  |
| sidenav | when closed it doesn’t show  when open it displays an the sidenav with expected css  a close sidenav button in the form of an x which closes the sidenav with expected css  the logged in users username which when clicked resets the cookies to what the pagenumber cookie to 0, the probepage cookie to the user and the sortmethod to new  should be with expected css and should send you to their page  the user image with expected css  a link to the users page with expected css which again when clicked resets the cookies to what the pagenumber cookie to 0, the probepage cookie to the user and the sortmethod to new  a settings link which when clicked send the user to their settings page  a logout link with expected css which when clicked sends the user to the login page and onclick also deletes all cookies used by the website | css working as expected |  |
| Form for text post on createpost.php and postprocessing.php | below in the posts div  Title textbox and contents textbox should be present along with the create post button  title should not exceed 144 characters and the contents must not exceed 50,000 characters in length  submit button should create a new record in the postsT table and send the user to the home page if the requirements are met  else output an error message  should be with expected css | tried inputting chapter one of harry potter as a test for 50,000 characters, on submit the content was blank and the post carried through    evidence for ch1 of harry potter  evidence for failure of function    otherwise the validation and css worked and displayed the form as expected | testing with a normal text      post was outputted and carried through functional  went to test with some number digits of pi  evidence for some number of digits of pi      limit on 50000 characters worked in this scenario  copied some number of digits of pi lesser than 50,000    it worked  attempted a different source for harry potter text    it again worked so i presume i hadn’t reached 50,000 characters  i copied and pasted the philosphers stone ch1 into the content div    validation worked  from this i have learned that newlines are not kept and that some specific extreme cases break the form but otherwise it functions as intended. |
| navigation sidebar | text will send you to the text section of make a post  image will send you to the image section of make a post  all should be with expected css | the navigation for the sidebar functioned as intended |  |
| form for image post in createpostI.php | in the posts div  should have a title text box along with an option to upload a file under contents  should have a message saying that this page doesn't work  should be with expected css | title text box and select file input both function and the error msg displays as intended  css also works as intended and displays as expected |  |

| Search Page | | | |
| --- | --- | --- | --- |
| Test | **Expected Result** | **Actual Result** | **Comment** |
| Tab for the page | Displays the website logo and the text Search | displays as expected |  |
| navbar links | home page link is with expected css  notifications link when clicked sends user to  notifications.php  with expected css | displays as expected and links work as expected |  |
| search form validation | should have a placeholder and search.png as a background image  search form takes text input and when submitted send user to the searchpage.php where it then checks if the searched value matches some part of a username, if it doesn’t or the searched value isn’t alphanumeric or a user simply was not found or the search was empty then it sends an error, else it outputs all results  should be with expected css | search form validation works as intended and all css occurs as expected  placeholder and background image work and display as intended |  |
| user profile image button | displays the user profile image in a button with expected css  when clicked opens the sidenav | button works as intended with css displaying as intended |  |
| sidenav | when closed it doesn’t show  when open it displays an the sidenav with expected css  a close sidenav button in the form of an x which closes the sidenav with expected css  the logged in users username which when clicked resets the cookies to what the pagenumber cookie to 0, the probepage cookie to the user and the sortmethod to new  should be with expected css  the user image with expected css  a link to the users page with expected css which again when clicked resets the cookies to what the pagenumber cookie to 0, the probepage cookie to the user and the sortmethod to new  a logout link with expected css which when clicked sends the user to the login page and onclick also deletes all cookies used by the website | all css links and js work as intended  image displays as expected  css works as expected |  |
| posts div | should display the searched results in the posts div with each ‘post’ containing a title div and content div  should be with expected css | displays as intended |  |
| title div | should contain the name of the user and a link to said users page  should be with expected css | displays and works as intended |  |
| content div | should contain the bio of the user  should be with expected css | displays and works as intended |  |

| Settings Page | | | |
| --- | --- | --- | --- |
| Test | **Expected Result** | **Actual Result** | **Comment** |
| Tab for the page | Displays the website logo and the text Settings Page | displays as expected |  |
| navbar links | home page link is with expected css  notifications link when clicked sends user to  notifications.php  with expected css | links work as intended |  |
| search form | search form takes text input and when submitted send user to the searchpage.php via post  should have search.png as the background image  should be with expected css  should have a placeholder search | search form background image and placeholder and input all work as intended  expected css is displayed as intended |  |
| user profile image button | displays the user profile image in a button with expected css  when clicked opens the sidenav | user profile image button works as intended with the correct css |  |
| sidenav | when closed it doesn’t show  when open it displays the sidenav with expected css  a close sidenav button in the form of an x which closes the sidenav with expected css  the logged in users username which when clicked resets the cookies to what the pagenumber cookie to 0, the probepage cookie to the user and the sortmethod to new  should be with expected css then sends user to logged in users page  the user image with expected css  a link to the users page with expected css which again when clicked resets the cookies to what the pagenumber cookie to 0, the probepage cookie to the user and the sortmethod to new  a settings link which when clicked send the user to their settings page  a logout link with expected css which when clicked sends the user to the login page and onclick also deletes all cookies used by the website | css was all working as intended  on each page of settings the link to the actual settings page was wrong and did not work | links were quickly fixed |
| sidebar | should have links to preferences page, account page along with delete account page  each link should direct the user to the correct page  should be with expected css | all links work as expected and have the expected css |  |
| settings - preferences | should have a title telling the user what page their on  should have a form with a textbox for the user to insert their bio into, bio should have a limit of 50,000 characters  submit button should update the users bio and then if it is under 50,000 characters echo a success msg and else echo an error msg  should be with expected css | test with blank input, works as expected    tried submitting on the processed page itself      tried harry potter philosopher's stone chapter 1 again but for the bio      was able to validate that the bio was too long  inputs work as intended and css displays correctly as expected | strange feature is that when it sends back to you what you had typed in it has a tab of sorts however this doesn’t really change the function of the site itself in anyway so i will leave it be |
| settings - account | should have a title telling the user what page their on  should have a form that has two password inputs which the user will input their passwords  the submitted password and repassword should be the same, longer than 6 characters and shorter than 50 characters. once these conditions have been met it should update the password after some processing  else it should output an error message  should be with expected css | testing validation              validation all works as intended and css for the page is all correct and as expected |  |
| settings - delete account | should have a title telling the user what page their on  should have a form containing two check boxes and a submit button that will delete your account only when both checkboxes are checked  also deletes all current cookies on delete  else it outputs an error  should be with expected css | testing validation                account was succesfuly deleted but cookies were not, with the content simply saying deleted  css was as expected | created another account to test the deletion again    results were replicable, the user was deleted but the cookies were not  after some research i learned what a deleted cookie means to be php and as such that the cookies that i had tried to delete were in fact “deleted” to the browser as such this does in fact work and does not need any corrective maintenance |