# Test Plan for Finished Project

All tasks are to be started from the home page unless stated otherwise.

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| Test No. | Task | Expected Outcome | Actual Outcome | Corrective Action |
| 1 | Log in to the website as a customer | The user navigates to log in page, enters customer credentials and logs in. After this they are directed back to the home page. | Initially could not  Retest after corrective action: working | Incorrect format for SQL query – fixed (KH) |
| 2 | Log in to the website as an admin | The user navigates to log in page, enters admin credentials and logs in. After this they are directed back to the home page. | Initially could not  Retest after corrective action: working | Incorrect format for SQL query – fixed (KH) |
| 3 | Register a new customer to the website | The user navigates to the log in page, enters new credentials into the register form and clicks submit. The new account is created, and they are taken to the home page. Should an email already be taken, the user must be made aware of this | Could register with any email, uniqueness did not matter.  This also does not redirect to the correct page, redirects to blank page | Fixed – added initial query into transaction which then checked if email was in use in user table (KH)  Redirect link updated (KH) |
| 4 | Navigate to the log in page | The content of the page is displayed correctly | Loads in correctly | N/A |
| 5 | Navigate to the booking page via the navigation menu | The content of the page is displayed correctly | Loads in correctly | N/A |
| 6 | Navigate to the manage account page | The user is logged in as a customer, navigates to the page and content is displayed correctly | Loads in correctly | N/A |
| 7 | Navigate to the manage booking page | User is logged in as an admin, navigates to the page and content is displayed correctly | Loads in correctly | N/A |
| 8 | Navigate to the manage customer page | User is logged in as an admin, navigates to the page and content is displayed correctly | Loads in correctly | N/A |
| 9 | Navigate to the manage cuts page | User is logged in as an admin, navigates to the page and content is displayed correctly | Loads in correctly | N/A |
| 10 | Navigate to the forgotten password page | The user is logged in as a customer, navigates to the page and all content is loaded correctly | Loads in correctly | N/A |
| 11 | Navigate to the change password page | The content of the page is displayed correctly | Loads in correctly | N/A |
| 12 | Navigate to the payment page | The user is logged in as a customer, navigates to the page and all content is loaded correctly | PayPal button is on screen, doesn’t load details about the haircut | Display details about the haircut on the screen (JA) |
| 13 | Content for home page loaded | The content for the home page is loaded correctly | All content loaded, however could see details of unavailable cuts. This should display nothing or a message stating it is not currently available | Updated cuts route to include available flag (KH)  Added a ternary operator to the generated cut, if available display one thing, if unavailable display unavailable message (JA) |
| 14 | Test alert after payment | After completing the payment for a cut, the user is alerted that the transaction was successful | Payment is not able to be completed | N/A |
| 15 | Test forgotten password | User inputs their email to be notified that they can change their password | This has been approached differently. See change password | N/A |
| 16 | Test change password | User inputs their old password, their new password, re-enters their new password, clicks the submit button and their password is changed | Not working | Comparing incorrect passwords, works now (KH) |
| 17 | Cancel a booking | User must be logged in as an admin to access the page. After accessing the page, the admin clicks the cancel button on the booking that needs cancelled | Working | N/A |
| 18 | Disable a free booking | User must be logged in as an admin. The admin clicks on the disable button, disabling the booking so that it can’t be booked. | Did not include this functionality. | N/A |
| 19 | Enable a disabled booking | User must be logged in as an admin. The admin clicks on the enable button. This allows the booking slot to be used by a customer again. | Did not include this functionality. | N/A |
| 20 | Look at different dates on manage booking page | User must be logged in as an admin. The admin clicks on the dropdown box to select an upcoming date to look at the bookings that day. | All bookings are displayed on the manage bookings page. | N/A |
| 21 | Search for a customer | User must be logged in as an admin. The admin enters a customer's name and searches the database for them. The correct details are displayed. | We do not have a manage customer page, instead a customer can change their own details. | N/A |
| 22 | Change first name of a customer | User must be logged in as an admin. Start task at conclusion of 21, change the text field of first name and click change. The customers first name should be changed in the database. | Customer changes their own first name in the manage account page. | N/A |
| 23 | Change surname of a customer | User must be logged in as an admin. Start task at conclusion of 21, change the text field of surname and click change. The customers surname should be changed in the database. | Customer changes their own second name in the manage account page. | N/A |
| 24 | Change email of a customer | User must be logged in as an admin. Start task at conclusion of 21, change the text field of email and click change. The customers email should be changed in the database. | Customer will not be able to change their email. | N/A |
| 25 | Change a customer’s password as an admin | User must be logged in as an admin. Start task at the conclusion of 21, click on the change password button and change the user’s password. The password should be changed in the database. | Customers can change their own password through the reset password functionality on the manage user account page. | N/A |
| 26 | Review the details of a haircut | User must be logged in as an admin. Navigate to the manage cuts page and select a haircut. The details of the cut should be loaded correctly. | The details for a haircut is loaded in correctly | N/A |
| 27 | Change the name of a haircut | User must be logged in as an admin. Start task at conclusion of 26, the admin changes the data in the text box for the name of the haircut and clicks update. The name of the haircut should be changed in the database. | The name can be changed and when the update button is pressed the name of the haircut is changed in the database | N/A |
| 28 | Change the price of a haircut | User must be logged in as an admin. Start task at conclusion of 26, the admin changes the data in the text box for the price of the haircut and clicks update. The price of the haircut should be changed in the database. | The price of a haircut can be changed and when the update button is clicked the price of the haircut is changed in the database | N/A |
| 29 | Change the description of the haircut | User must be logged in as an admin. Start task at conclusion of 26, the admin changes the data in the text box for the description of the haircut and clicks update. The description of the haircut should be changed in the database. | The description of a haircut can be changed and when the update button is clicked the description of the haircut is changed in the database | N/A |
| 30 | Making a haircut unavailable | User must be logged in as an admin. Start task at conclusion of 26, the admin changes the value of the available variable. The haircut can no longer be selected by a customer. | When the admin changes the value of the available variable the customers' ability to select the haircut changes accordingly | N/A |
| 31 | Create a new haircut | User must be logged in as an admin. The admin enters data for the new haircut and clicks create. The new haircut is added to the database and can be used for bookings | The admin can create a new haircut | N/A |
| 32 | Navigate to the booking page by clicking on a haircut | User clicks on an available haircut and is navigated to the booking page. | This was implemented differently; the user can navigate to this from the navigation menu | N/A |
| 33 | Select which barber to book a haircut with | User uses a dropdown box to select a barber from a list, the barbers name is displayed correctly. | This works fully, allowing a customer to choose which barber an appointment is with | N/A |
| 34 | Select a date for a booking | User clicks on a day in the calendar, that day is selected and displayed correctly for the user. | The user can use a calendar to choose which day they would like to create a booking for | N/A |
| 35 | Select a time for the booking | User clicks on a dropdown box to load available time slots, chooses a time slot and it is displayed for the user correctly. | The user can select a time for their booking | N/A |
| 36 | Select a cut for the booking | User clicks on a dropdown box to select a type of haircut from a list, the choice is displayed correctly for the user along with the correct price to pay. | The user can choose which type of haircut they want, and the price is displayed. | N/A |
| 37 | Begin PayPal transaction | User clicks on the PayPal button on the payment page, the payment process begins correctly | This was not able to be implemented | N/A |
| 38 | Alert of a completed transaction | User finishes paying for the booking. The database is updated to flag the booking as paid for; the user is alerted that the transaction has been completed. | This was not able to be implemented | N/A |
| 39 | Testing buttons hover animation on booking page | When the mouse hovers over any button on the booking page the button changes colour to indicate that it can be interacted with. | Hover animation has been done on the hamburger button | N/A |
| 40 | Testing buttons hover animation on log in page | When the mouse is hovered over any button on the log in page its colour changes to indicate that it can be interacted with. | Hover animation has been done on the hamburger button | N/A |
| 41 | Testing buttons hover animation on forgotten password page | When the mouse hovers over any button on the forgotten password page the button changes colour to indicate that it can be interacted with. | Hover animation has been done on the hamburger button | N/A |
| 42 | Testing buttons hover animation on manage account page | When the mouse hovers over any button on the manage account page the button changes colour to indicate that it can be interacted with. | Hover animation has been done on the hamburger button | N/A |
| 43 | Testing buttons hover animation on change password page | When the mouse hovers over any button on the change password page the button changes colour to indicate that it can be interacted with. | Hover animation has been done on the hamburger button | N/A |
| 44 | Testing buttons hover animation on manage bookings page | When the mouse hovers over any button on the manage bookings page the button changes colour to indicate that it can be interacted with. | Hover animation has been done on the hamburger button | N/A |
| 45 | Testing buttons hover animation on manage customer page | When the mouse hovers over any button on the manage customer page the button changes colour to indicate that it can be interacted with. | Hover animation has been done on the hamburger button | N/A |
| 46 | Testing buttons hover animation on manage cuts page | When the mouse hovers over any button on the manage cuts page the button changes colour to indicate that it can be interacted with. | Hover animation has been done on the hamburger button | N/A |
| 47 | Log out as a customer | Returns the user to being an anonymous user. Navigation menu displays for an anonymous user | Working correctly | N/A |
| 48 | Log out as an admin | Returns the user to an anonymous user, the navigation menu displays for an anonymous user. | Working correctly | N/A |
| 49 | Test the navigation menu for an anonymous user | The navigation menu for an anonymous user is displayed correctly. | Working correctly | N/A |
| 50 | Test the navigation menu for a customer | The navigation menu for a customer is displayed correctly | Working correctly | N/A |
| 51 | Test the navigation menu for an admin | The navigation menu for an admin is displayed correctly | Working correctly | N/A |
| 52 | Test the ability to return to the home page from any page | The user opens the navigation menu and clicks on home. The home page should load correctly. | Working correctly | N/A |