**Interview Task – Part 1**

**Website link -** http://hotel-test.equalexperts.io/

**Different types of testing to be performed:**

UI, Cross-browser, Functional, Performance, Security

**UI & Cross-Browser Testing:**

Browsers Used – chrome Version 70.0.3538.77, Firefox Version 63.0.1 (64-bit)

**Functional Testing:**

Please note that there are no clear requirements so I have added some potential improvements to this list.

**Performance Testing:**

Please note that I did not have monitoring setup on the servers during this test.

**Security Testing:**

Please note that I have used a 3rd party tool <https://www.qualys.com/> to identify vulnerabilities.

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| **ID** | **Description** | **Status** |
| FR001 | Website not using a secure protocol. The data transfer is not secure. Please use a secure protocol like TLS or SSL. | Open |
| FR002 | The website lacks a proper authentication mechanism and currently uses a hard-coded authorization header  authorization: 'Basic YWRtaW46cGFzc3dvcmQxMjM='  This means that there is currently no way to restrict user access. Everyone with a link can view, add and delete bookings.  I was able to get the booking ids, authorization header and delete some bookings using postman. | Open |
| FR003 | The only useful information related to booking add/delete audit will be “booking add/delete time”. It currently uses hard-coded basic authentication so we will be unable to identify who deleted the financial data. Please take steps to maintain proper audit history. | Open |
| FR004 | I ran a Qualys web application vulnerability scan and found some issues that need fixing. I have supplied the report as a PDF document (Scan\_Report\_furth5uw\_20181105.pdf). The website should be scanned again to verify that the issues have been fixed. | Open |
| FR005 | Enter booking details of a new booking and press the ‘Save’ button. Newly entered booking details disappear and there is no other UI feedback until a new row is added in the booking list. The user can perceive it as slow performance even if the process is not slow. Some UI feedback will help to mitigate this. | Open |
| FR006 | The website displays the following uncaught error in the Chrome browser console window when there are no bookings on the Hotel booking form. | Open |
| FR007 | Press the ‘Save’ button without entering any booking details. The following generic server error is displayed in the Chrome browser console window. The error should be handled properly and the user should get correct feedback.  **This error is not displayed on the Firefox Console window.** | Open |
| FR008 | The user should not be able to delete the booking without entering a reason especially when the check-in or check-out date is in the past. Please add a reason field. | Open |
| FR009 | The user is able to create a booking with check-out date earlier than the check-in date. This scenario is not possible in real life. | Open |
| FR010 | I am able to create a booking with any date in past or future (see screenshot below). There should be a limit on the check-in and check-out date selection. | Open |
| FR011 | There is no unique identifier to identify a customer. There could be more than one customers with the same name and very different bookings. | Open |
| FR012 | There is no sorting mechanism. Bookings are currently displayed as and when the booking Get request responses are received. A page refresh can change the sort order. | Open |
| FR013 | There is no way of filtering the bookings by name or check-in / check-out date. The users will have a lot of bookings and in order to work efficiently, they will need to focus on the relevant bookings. Please add a filtering mechanism. | Open |
| FR014 | Currency is not mentioned on Price. Please add the | Open |
| FR015 | The Price can be 0 or negative. Please add proper validation. | Open |
| FR016 | Deposit field should be a checkbox. Many users will be unable to understand what true or false means. | Open |
| FR017 | The user has no way of specifying or working out how much deposit is paid. | Open |
| FR018 | There is no validation on Firstname and Surname fields. The user can enter values like ‘ ‘ or ‘1223’ as valid names. | Open |
| FR019 | There is no horizontal scrollbar. Booking details lose their formatting when the user resizes the window to an extent that the fields are unable to be fit in horizontally. | Open |
| FR020 | If the Firstname, Surname and Price fields have a lot of data then the data is overlapping other fields. | Open |
| FR021 | ‘Firstname’ should be renamed to ‘First Name’ | Open |
| FR022 | Chrome has wider input fields than Firefox. See Image A. Input fields in chrome overlap each other when the window is shrunk to a certain extent. See Image B.  **Image A:**    **Image B:** | Open |
| FR023 | The price field is anchored to the right when the browser window is shrunk to a size that all input fields are unable to fit in horizontally. | Open |
| FR024 | The user is unable to specify check-in / check-out time. Hotel bookings are not usually made from midnight to midnight. | Open |
| FR025 | The height of the deposit field is smaller than the other input fields on the form. | Open |
| FR026 | Please change the page header(H1) from “Hotel booking form” to a more generic “Hotel Bookings”. Hotel booking form gives the impression that we are only using this page to enter new bookings. We are using this page to View, Save and Delete bookings. | Open |
| FR027 | Enter all details correctly but enter an Alphabet like “A” in the Price field. The only visual feedback of the error is that the newly entered data is not cleared. See Image A  Please note that similar behaviour is seen when all of the newly entered booking details are correct but the internet connection is lost.  **Image A:**    **Image B:** | Open |
| FR028 | Open the Hotel booking form when there are some existing bookings. The following error is displayed on chrome console window | Open |