To achieve efficient test management, I have divided the different areas of the web page as below:

* Header:
  + Test the logo’s functionality and verify it redirects to the homepage.
  + Verify the navigation menu links are working correctly.
  + Test the search functionality to ensure it produces accurate results.
* Content Section:
  + Verify that the displayed tour packages are accurate and match the search results.
  + Test the “View tour” button for different tours and verify it leads to the correct booking page.
  + Test if the “Download Brochure” button sends the brochure to the given email address.
* Sidebar:
  + Test the filtering and sorting options to ensure they work as expected.
  + Test the sidebar elements such as filters, featured destinations, or popular tour categories.
  + Verify that selecting different filters correctly updates the displayed tour packages.
* Footer:
  + Test the links in the footer, such as terms and conditions, privacy policy, or About Us information.
  + Verify that social media links are working and redirecting to the correct profiles.
* User Authentication:
  + Test the registration process, including creating a new account and verifying the email confirmation.
  + Test the login functionality with valid and invalid credentials.
  + Verify that password reset, and account recovery options are functioning correctly.

As mentioned in the assignment, I have created total 8 testcases as below:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Section** | **Scenarios** | **Sub Levels** | **Critical level** | **No. of Test cases** |
| Header | Search Tours | Search Tours | High | 1 |
|  | Destination Selection | Destination Selection | High | 1 |
|  | Deals | Deals | Medium | 1 |
| Sort Menu | Sort Tours | Price | High | 1 |
|  |  | Duration | Medium | 1 |
| Filter | Filter | Country | High | 1 |
| Content | Download | Download Brochure | High | 1 |
| Footer | About Us | About TourRadar | High | 1 |

Out of which I have created 4 tests for below 4 sections:

1. Header/Navigation:
   1. Search Tour: As it is one of the critical functionalities of the webpage.
2. Sort
   1. Sort By: “Total price: Lowest first” is one of the commonly used methods to find the best deals and hence tested that functionality only.
3. Content
   1. Download Brochure: It is one of those functionalities which gives detailed information of the tour and makes sharing a lot easier while planning a trip with friends/family or colleagues.
4. Footer
   1. About Us: As a company it is important to tell the customers “Who we are”, about its Vision and Mission, which makes it critical.

Out of total 3 assignments I have completed the below:

1st (Test Plan & Test Case) and 3rd (End to end Automation Tests) as 2nd was an optional one.