Formative Assignment 3

Module Name	User Interface Design (Bundled) (SF)
Course Name	SCTP-Professional Diploma In Full Stack Web Development
Assignment Title	Website Testing

Learner Name	

Learner declaration
I certify that the work submitted for this assignment is my own and research sources are fully acknowledged.   Student signature: Date:

Purpose of this assignment

To demonstrate your capabilities in the following areas:

1. Plan UI/UX metrics and testing methods with test cases
2. Identify areas for improvements based on the UI/UX metrics collected

Submission Format

The submission is in the form of an individual written report with examples and illustrations. This should be written in a concise, formal academic style using single spacing and font size 12.You are required to make use of headings, paragraphs, and subsections as appropriate, and all work must be supported with research and referenced using the Harvard referencing system. Please also provide a bibliography using the Harvard referencing system.

Submission file

Submission File Name format: Cohort Code _Full Name_Assignment Number
E.g.: PDWD-FED-0624_AliceTan_A3.docx

Scenario

You are working as a junior web developer in a leading creative web solutions and marketing company, Pixel Elites Inc. Every year, your firm creates a variety of websites for your prestigious clients to promote their businesses. Mr. Henry, your project manager, assign you to construct a website for the client Silent Library to support the following features **with common header and footer**:
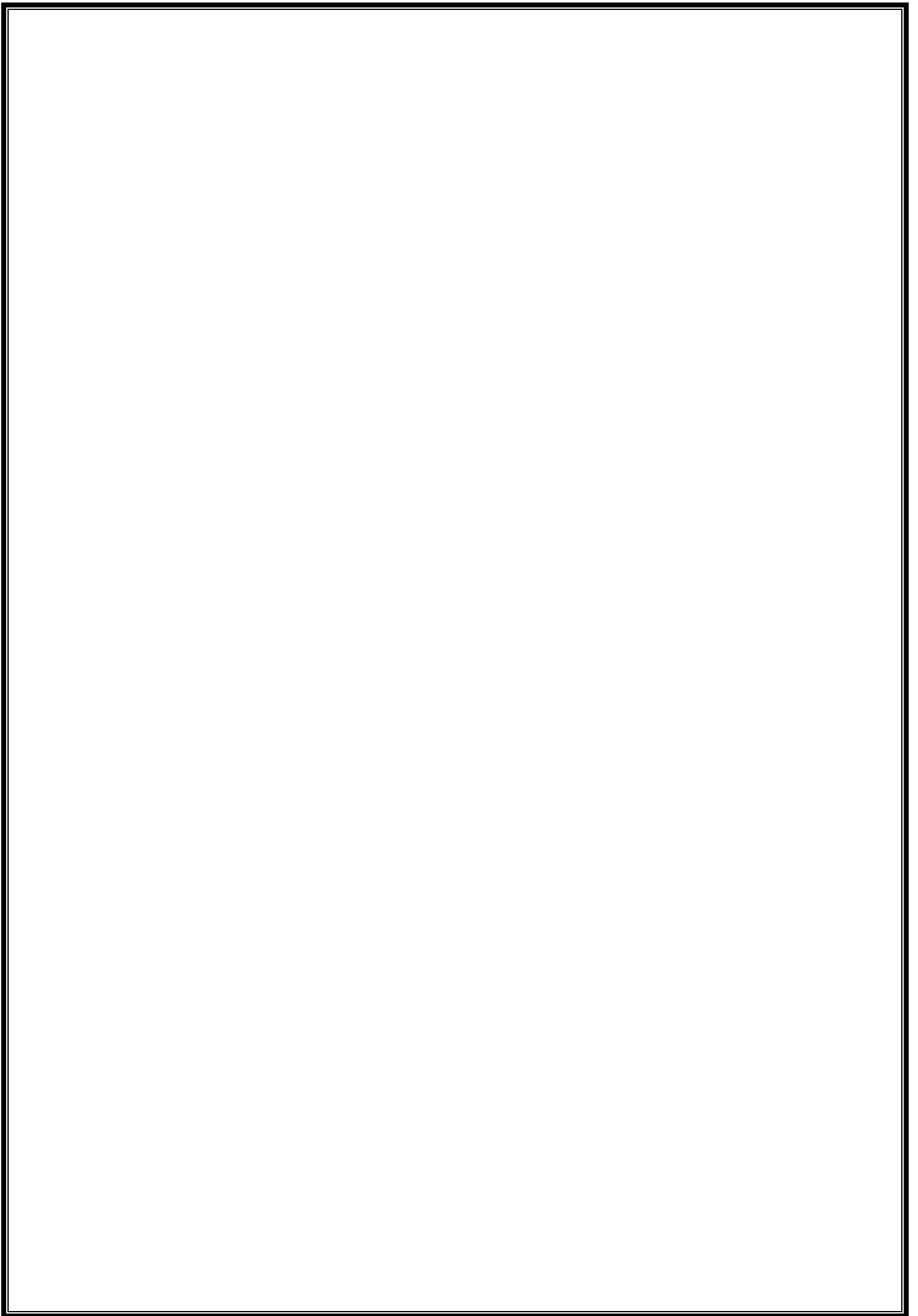
- Landing Page
- Books List
- Book Details
- Library Events And Promotions
- Sitemap
- Contact Page (Contact Details)
- Privacy Policy

You will be required to:

- Identify the key metrics to evaluate the website
- Conduct testing with users to collect the following metrics:
    - User satisfaction rate
    - Net promoter score
    - Time on task
    - Feedback on the UI/UX
- Conduct Lighthouse performance testing and cross browser testing
- Analyse the results and suggest areas for improvement

Evidence to exhibit

- Test cases and script
- Evaluation report / Bugs report
- Proposed enhancements to the UI/UX to achieve the desire KPI

References
https://www.lambdatest.com/learning-hub/usability-testing
https://www.smashingmagazine.com/2018/03/guide-user-testing/