

WTL

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## Assignment-1

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Title: Case Studies on Websites.

### Problem Statement:

Visit various websites available online for different client projects, identify and note down the evaluation results in following format and note down and learn and conclude different website design issues that should be considered while designing a web site.

### Objectives:

- Understand why planning is important before coding.
- Visit different websites and evaluate result of websites
- Report the website design issues which should be considered while developing website

### SW & HW requirements:

- Google Chrome, VScode, Windows 10 64bit

### Theory:

#### Planning the site

This is important step because it is related to skeleton of website. The sitemap allows the developer to get an outline of what the site will look like, what pages there will be and how they interact with each other.

## Principles of good websites

### 1. Website purpose

Website needs to accommodate the needs of the user having simple clear intention on all pages that will help user interact with what you have to offer.

### 2. Simplicity

Simplicity is the best way to go when considering the user experience and the usability of website

Color - keep color selection less than 5 colors.

Pleasing color combination increase customer engagement.

Typography - Better font styles helps user interaction.  
Media

### 3. Navigation :

Keeping navigation simple, intuitive and consistent on every page.

### 4. Content

Effective designs and good content displayed matters.

### 5. Load time

Waiting for a website to load will lose visitors interest  
Optimizing image size will help load website faster.

## Conclusion

Successfully performed the ~~expos~~ evaluation of different websites, their design issues and solution.



Sr. No.	Website URL	Purpose of Website	Things liked in the website	Things disliked in the website	Overall evaluation
1.	<a href="https://sarathi.parivahan.gov.in">https://sarathi.parivahan.gov.in</a>	Provide services related to Transport	All services have been listed categorically and also as a grid.	Not a good UI UX. Loading time is more.	A new user would find it difficult to complete the task.
2.	<a href="https://codedrills.io">https://codedrills.io</a>	A platform that helps prepare for placements	Good color scheme, properly organised & categorised content, Good table manipulations	Settings Page doesn't seem to have any use and could have been merged with Profile page instead	A very good website in terms of UX, users can completely focus on the task.
3.	<a href="https://www.geeksforgeeks.org">https://www.geeksforgeeks.org</a>	Provides educational contents related to Computer Science	Design is eye-catchy and clarity of information is maintained through good UI	Home page contains very little whitespace. Less reading space on blog pages due to advertisement, navbar and footer popup	Data is represented in a visually appealing manner, letting users to focus on the content.
4	<a href="https://pict.edu">https://pict.edu</a>	Educational institute website to provide all the information related to the institute	Easy to use and navigate, all the graphics images are shown properly with the help of carousel, fully responsive and interactive UI	Some text is not clearly visible because of incorrect color combination, too much intense blue color is used in large amount	Clean and simple website to see all the information related to the institute, website flow is also perfect
5	<a href="https://www.onlinesbi.com">https://www.onlinesbi.com</a>	Banking website that provides personal banking services online	Good performance, have all necessary functionalities, available in native language	Font size is so small, content is displayed very compact, Iconography Typography not considered in the design	Ugly website, could not even find login button, do not follow latest website design trends

#### Issues and Solution:

1. UI can have more whitespaces to enable readability, increasing size of radio buttons or allowing entire option selection, color contrast needs to be considered for readability.

Unnecessary animations on the main page can be removed

2. There aren't many design issues that have been noticed. Scoreboard can have better search field functionality. Sorting methods don't work on certain tables, and also require a search bar.
3. May introduce more whitespace on the Homepage to avoid clustered feelings. Can hide the navbar on scroll to bring more content for reading
4. As mentioned in the table some text is not clearly visible because the background color is similar to the font color. Search engine UI needs to be improved, search icon is very small compared to input box. Website logo image can be improved. Contact option from the main right bar menu is showing 404 error. That can be fixed.
5. Content of the website is compact, unable to navigate properly. This website can be redesigned using modern design principles. Use of Iconography and Typography is strongly recommended