PART A

EXPERIMENT NO. 6

A.1 **AIM: -** Designing of Home Page of your system

A.2 **Theory (for student's reference)**

When designing the web application for your business, what do you focus on the most? Do you find yourself somehow affixed on the aesthetics? The main purpose of your web application is to make your business more accessible to customers while optimizing internal business processes and productivity.

Design principles:

1. Accessibility

A usable web app is one that's easy to use. Here are a few basics to ensure your web app is up and running and is accessible:

Responsive Design

With almost 83% of Internet users accessing websites on their mobile devices, creating a responsive web experience has become a top priority.

Broken Links

Double-check for any broken links on your web application. You may use tools like Ahrefs or Screaming Frog to check your website and find all broken links thoroughly.

Server uptime

It's a good design and development practice to go in for reliable web hosting services. It will help you ensure that your website visitors don't get any error trying to access your website.

Keyboard friendly layout and navigation

A website that's dependent on the mouse for navigation is not accessible for everyone. Users with some disabilities may need the help of assistive technology for web access. These may include speech recognition software, screen readers, etc.

Use Alt Text on Images

Search engine robots cannot "read" images; instead, they rely on the alt text to tell them what the images contain. Example: Facebook.com is an excellent example of an accessible web app.

2. Do Not Reinvent Design Patterns

Use patterns used in popular apps to help users learn your interface quickly. For Example, the use of specific colors (red for errors and blue for hyperlinks) and icons (envelopes for

messages). Example: Check how some of the apps place their "forward" button always on the right-hand side.

3. Strive for Clarity

Clarity is the critical element of a usable web interface. Visitors come to your web app with some goals in mind. If the design distracts or confuses them, they will take more time to find what they initially came for, or they might even forget their initial goal and leave.

Focus on the following for creating a clear web design.

Simplicity

A simple design stays focused on what's important. It doesn't distract your visitors.

Familiarity

There is nothing wrong with checking other websites for inspiration. But, it is best to stick to what people already know. For Example, drag and drop for file uploads and pull and refresh for the latest notifications in mobile apps are standard features. They will not confuse visitors, but a new feature doing similar action will for sure confuse visitors.

Consistency

Create a consistent UX across your entire website to keep your visitors' minds at ease. No unnecessary surprises, please!

Immediate feedback

Feedback is critical to any online interaction. The moment people interact with your website, make sure to indicate the success or failure of their actions while on the web app. Example: The website of Apple is the best example of a clear web app.

4. Provide Visual Cues

Visual cues are the powerful tactics to subtly draw users' attention to areas of importance on your web application. You can use images, symbols, colors, and layouts on your website to provide much more than just aesthetics. They can provide visual cues. They differentiate a static and unintuitive design from a smart one. It's always good to give your users a clear direction. Please don't keep them hanging. **Example:** Look at the Paypal loading screen shown below.

5. Establish Credibility

Your website can impact the credibility of your business. It is very often the first stop for your prospective customer. When the customer arrives at your website via search engines and social media, the first question that crosses their mind is – Can I trust this business? Your website visitors can become skeptical about your business in any number of ways – including whether or not your business exists, your reputation, or the quality of your content.

Your website must show you are a real company with real people. Take the following steps:

- Design a clear "About Us" page.
- List a physical address with a contact number.
- Make sure you are precise about your content. There should be no mistakes – incorrect grammar or misspellings. Keep the content updated.
- Show third-party testimonials or the number of your social media followers.
- Publish your website's privacy policy.
- Improve your website's load time.
- Your website must be secure.

Example: The brand MAC has done a great job in building web credibility.

6. Group Related Elements

UI design relies a lot on the principle of proximity, which encourages us to place related elements near each other and unrelated elements separately. **Example:** Have you noticed how features like logging out, profile, settings, switch account, etc. belong together and are

generally placed around each other?

7. Provide Unobtrusive Help

The UI of your web application must be as intuitive as possible.

8. Provide Easy Navigation

9. Consistency in Design

You must keep the overall look and feel of your website similar. So, what comes under consistent design?

- Use of the same colors throughout the website.
- Consistent spacing between elements.
- Use of the same colors in-text links.
- Consistent headings across the website.
- Navigation menus are placed at the same place throughout the website.

10. Load Quickly

Most users expect a regular website to load in 2 seconds or less. Anything more than 2 seconds is considered slow. How:

- Avoid using rare fonts.
- Make judicious use of social media buttons. – Too many social media plugins cause latency.
- Optimize your image size.
- Manage user wait time by providing engaging animations.

PART B

(PART B: TO BE COMPLETED BY STUDENTS)

(Students must submit the soft copy as per the following segments within two hours of the practicals. The soft copy must be uploaded on Blackboard LMS or emailed to the concerned Lab in charge Faculties at the end of practical; in case Blackboard is not accessible)

Roll No: A016 A038	Name: Varun K, Yashasvi T
Class: Btech CsBs 4th Year	Batch: 1
Date of Experiment: 17-02-2023	Date of Submission: 17-02-2023
Grade:	

B.1 Designing of home page for your software and paste screenshots for the same.

Website Mode

MINDSCAPE LEARNING

Home   About   Courses   Pages ▾   Contact

Join Us

Learn From Home

Education Courses

| Courses ▾ | Keyword | Search |

ABOUT US

First Choice For Online Education Anywhere

Tempor erat elitr at rebum at at clita aliquyam consetetur. Diam dolor diam ipsum et, tempor voluptua sit consetetur sit. Aliquyam diam amet diam et eos sadipscing labore. Clita erat ipsum et lorem et sit, sed stet no labore lorem sit. Sanctus clita duo justo et tempor consetetur takimata eirmod, dolores takimata consetetur invidunt magna dolores aliquyam dolores dolore. Amet erat amet et magna

122	1228	122	1222
AVAILABLE SUBJECTS	ONLINE COURSES	SKILLED INSTRUCTORS	HAPPY STUDENTS

Why You Should Start Learning with Us?

Aliquyam accusam clita nonumy ipsum sit sea clita ipsum clita, ipsum dolores amet voluptua duo dolores et sit ipsum rebum, sadipscing et erat eirmod diam kasd labore clita est. Diam sanctus gubergren sit rebum clita amet.

Skilled Instructors
Labore rebum duo est Sit dolore eos sit tempor eos stet, vero vero clita magna kasd no nonumy et eos dolor magna ipsum.

International Certificate
Labore rebum duo est Sit dolore eos sit tempor eos stet, vero vero clita magna kasd no nonumy et eos dolor magna ipsum.

Online Classes
Labore rebum duo est Sit dolore eos sit tempor eos stet, vero vero clita magna kasd no nonumy et eos dolor magna ipsum.

OUR COURSES

Checkout New Releases Of Our Courses

Web design & development courses for beginners

Jhon Doe   4.5 (250)

Web design & development courses for beginners

Jhon Doe   4.5 (250)

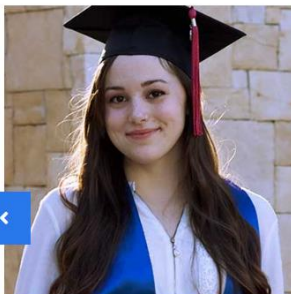**Web design & development courses for beginners**

Jhon Doe   4.5 (250)

Web design & development courses for beginners

Jhon Doe   4.5 (250)

30% Off For New Students

Your Name

Your Email

Select A courses

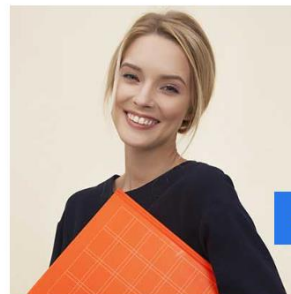**Sign Up Now**

INSTRUCTORS

Meet Our Instructors

Instructor Name
Web Design & Development

Instructor Name
Web Design & Development

Instructor Name
Web Design & Development

What Say Our Students

Dolor est dolores et nonumy sit labore dolores est sed rebum amet, justo duo ipsum sanctus dolore magna rebum sit et. Diam lorem ea sea at. Nonumy et at at sed justo est nonumy tempor. Vero sea ea eirmod, elitr ea amet diam ipsum at amet. Erat sed stet eos ipsum diam

66

Sed et elitr ipsum labore dolor diam, ipsum duo vero sed sit est est ipsum eos clita est ipsum. Est nonumy tempor at kasd. Sed at dolor duo ut dolor, et justo erat dolor magna sed stet amet elitr duo lorem

Student Name

Web Design

Our Location
123 Street, New York, USA

Call Us
+012 345 6789

Email Us
info@example.com

Send Us A Message

Your Name

Your Email

Subject

Message

Send Message

MINDSCAPE LEARNING

Accusam nonumy clita sed rebum kasd eirmod elitr. Ipsum ea lorem at et diam est, tempor rebum ipsum sit ea tempor stet et consetetur dolores. Justo stet diam ipsum lorem vero clita diam

Newsletter

Your Email Address

Sign Up

Get In Touch

📍 123 Street, New York, USA

📞 +012 345 67890

✉ info@example.com

Our Courses

> Web Design
> Apps Design
> Marketing
> Research
> SEO

Quick Links

> Privacy Policy
> Terms & Condition
> Regular FAQs
> Help & Support
> Contact

Designed by Varun

MINDSCAPE LEARNING

Learn From Home

Education Courses

| Courses ▼ | Keyword | Search |

First Choice For Online Education Anywhere

Tempor erat elitr at rebum at at clita aliquyam consetetur. Diam dolor diam ipsum et, tempor voluptua sit consetetur sit. Aliquyam diam amet diam et eos sadipscing labore. Clita erat ipsum et lorem et sit, sed stet no labore lorem sit. Sanctus clita duo justo et tempor consetetur takimata eirmod, dolores takimata consetetur invidunt magna dolores aliquyam dolores dolore. Amet erat amet et magna

123	1234	123	1234
AVAILABLE SUBJECTS	ONLINE COURSES	SKILLED INSTRUCTORS	HAPPY STUDENTS

WHY CHOOSE US?

Why You Should Start Learning with Us?

Aliquyam accusam clita nonumy ipsum sit sea clita ipsum clita, ipsum dolores amet voluptua duo dolores et sit ipsum rebum, sadipscing et erat eirmod diam kasd labore clita est. Diam sanctus gubergren sit rebum clita amet.

Skilled Instructors

Labore rebum duo est Sit dolore eos sit tempor eos stet, vero vero clita magna kasd no nonumy et eos dolor magna ipsum.

International Certificate

Why You Should Start Learning with Us?

Aliquyam accusam clita nonumy ipsum sit sea clita ipsum clita, ipsum dolores amet voluptua duo dolores et sit ipsum rebum, sadipscing et erat eirmod diam kasd labore clita est. Diam sanctus gubergren sit rebum clita amet.

Skilled Instructors

Labore rebum duo est Sit dolore eos sit tempor eos stet, vero vero clita magna kasd no nonumy et eos dolor magna ipsum.

International Certificate

Labore rebum duo est Sit dolore eos sit tempor eos stet, vero vero clita magna kasd no nonumy et eos dolor magna ipsum.
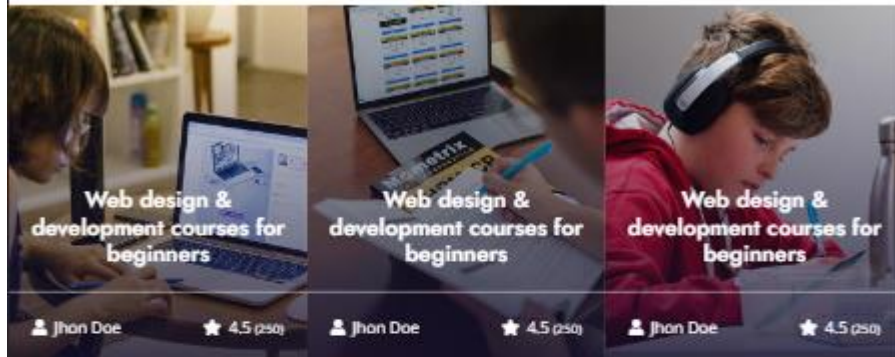
Online Classes

Labore rebum duo est Sit dolore eos sit tempor eos stet, vero vero clita magna kasd no nonumy et eos dolor magna ipsum.

Checkout New Releases Of Our Courses

Web design & development courses for beginners

Web design & development courses for beginners

Web design & development courses for beginners

Jhon Doe   4.5 (250)   Jhon Doe   4.5 (250)   Jhon Doe   4.5 (250)

30% Off For New Students

Your Name

Your Email

Select A courses   Sign Up Now

INSTRUCTORS

Meet Our Instructors

Instructor Name

Web Design & Development

Instructor Name

Web Design & Development

What Say Our Students

Dolor est dolores et nonumy sit labore dolores est sed rebum amet, justo duo ipsum sanctus dolore magna rebum sit et. Diam lorem ea sea at. Nonumy et at at sed justo est nonumy tempor. Vero sea ea eirmod, elitr ea amet diam ipsum at amet. Erat sed stet eos ipsum diam

"

Sed et elitr ipsum labore dolor diam, ipsum duo vero sed sit est est ipsum eos clita est ipsum. Est nonumy tempor at kasd. Sed at dolor duo ut dolor, et justo erat dolor magna sed stet amet elitr duo lorem

Student Name

Web Design

Our Location
123 Street, New York, USA

Call Us
+012 345 6789

Email Us
info@example.com

Send Us A Message

Your Name

Your Email

Subject

Message

Send Message

MINDSCAPE LEARNINGetter

Accusam nonumy clita sed rebum kasd
eirmod elitr. Ipsum ea lorem at et diam est,

Your Email Address   Sign Up

Accusam nonumy clita sed rebum kasd eirmod elitr. Ipsum ea lorem at et diam est, tempor rebum ipsum sit ea tempor stet et consetetur dolores. Justo stet diam ipsum lorem vero clita diam

Your Email Address

Sign Up

Get In Touch

📍 123 Street, New York, USA

📞 +012 345 67890

✉ info@example.com

Our Courses

❯ Web Design

❯ Apps Design

❯ Marketing

❯ Research

❯ SEO

Quick Links

❯ Privacy Policy

❯ Terms & Condition

❯ Regular FAQs

❯ Help & Support

❯ Contact