

Monthly Progress Report

1. Name of the Student : Mohit Garg
2. Name and address of the organization : Ketrher infosec,G-10,Navkar Complex
,University Rd, North Ayad, Ganpat
Nagar,Udaiput(Rajasthan)
3. Division/Department in which working : Web Development
4. Name and designation of the supervisor : Mr. Krishnkant Soni
(Project Manager)
5. Title of the project : E-Shopping
6. Platform on which working : PHP , My SQL
7. Software tools, which are being used : Visual Studio Code
8. Period of Progress : 5-March 2020 to 4-April 2020
9. Description of Progress made : In the specified duration i covered
following topics:-

HTML:

- HTML is an acronym which stands for **Hyper Text Markup Language** which is used for creating web pages and web applications. Let's see what is meant by Hypertext Markup Language, and Web page.
- **Hyper Text:** HyperText simply means "Text within Text." A text has a link within it, is a hypertext. Whenever you click on a link which brings you to a new webpage, you have clicked on a hypertext. HyperText is a way to link two or more web pages (HTML documents) with each other.
- **Markup language:** A markup language is a computer language that is used to apply layout and formatting conventions to a text document. Markup language makes text more interactive and dynamic. It can turn text into images, tables, links, etc.
- **Web Page:** A web page is a document which is commonly written in HTML and translated by a web browser. A web page can be identified by entering an URL. A Web page can be of the static or dynamic type. With the help of HTML only, we can create static web pages.

Features of HTML as given below:

- It is a very easy and simple language. It can be easily understood and modified.
- It is very easy to make an effective presentation with HTML because it has a lot of formatting tags.
- It is a markup language, so it provides a flexible way to design web pages along with the text.
- It facilitates programmers to add a link on the web pages (by html anchor tag), so it enhances the interest of browsing of the user.
- It is platform-independent because it can be displayed on any platform like Windows, Linux, and Macintosh, etc.

CSS(Cascading Style Sheets):

- CSS stands for Cascading Style Sheets. It is a style sheet language which is used to describe the look and formatting of a document written in markup language.
- It provides an additional feature to HTML. It is generally used with HTML to change the style of web pages and user interfaces.
- CSS saves a lot of work. It can control the layout of multiple web pages all at once. External stylesheets are stored in CSS files.

Advantages of CSS:

- **CSS saves time** – You can write CSS once and then reuse same sheet in multiple HTML pages. You can define a style for each HTML element and apply it to as many Web pages as you want.
- **Pages load faster** – If you are using CSS, you do not need to write HTML tag attributes every time. Just write one CSS rule of a tag and apply it to all the occurrences of that tag. So less code means faster download times.
- **Easy maintenance** – To make a global change, simply change the style, and all elements in all the web pages will be updated automatically.
- **Superior styles to HTML** – CSS has a much wider array of attributes than HTML, so you can give a far better look to your HTML page in comparison to HTML attributes.

JavaScript:

- JavaScript is a dynamic computer programming language.
- It is lightweight and most commonly used as a part of web pages, whose implementations allow client-side script to interact with the user and make dynamic pages.
- It is an interpreted programming language with object-oriented capabilities.

Advantages of JavaScript:


- **Less server interaction** – we can validate user input before sending the page off to the server. This saves server traffic, which means less load on your server.
- **Immediate feedback to the visitors** – we don't have to wait for a page reload to see if they have forgotten to enter something.
- **Increased interactivity** – we can create interfaces that react when the user hovers over them with a mouse or activates them via the keyboard.
- **Richer interfaces** – we can use JavaScript to include such items as drag-and-drop components and sliders to give a Rich Interface to your site visitors.

Bootstrap:

- Bootstrap is the most popular HTML, CSS and JavaScript framework for developing a responsive and mobile friendly website.
- It is absolutely free to download and use.
- It is a front-end framework used for easier and faster web development.
- It includes HTML and CSS based design templates for typography, forms, buttons, tables, navigation, modals, image carousels and many others.
- It can also use JavaScript plug-ins.
- It facilitates you to create responsive designs.

Advantages of Bootstrap:

- **Easy to use:** Anybody with just basic knowledge of HTML and CSS can start using Bootstrap.
- **Responsive features:** Bootstrap's responsive CSS adjusts to phones, tablets, and desktops.
- **Mobile-first approach:** In Bootstrap 3, mobile-first styles are part of the core framework.
- **Browser compatibility:** Bootstrap is compatible with all modern browsers (Chrome, Firefox, Internet Explorer, Edge, Safari, and Opera).



Signature of the Student

10. Comments of the Supervisor: he has good fundamentals, positive attitude and communicate openly with the team.

Signature of the supervisor